

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011961.D
 Acq On : 21 Dec 2022 20:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

Quant Time: Dec 22 00:15:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109786	54.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.715	113	99759	52.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.178	98	403330	52.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.483	95	137547	53.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	68490	42.960	ug/l	99
3) Chloromethane	2.113	50	77548	43.220	ug/l	97
4) Vinyl Chloride	2.253	62	82943	41.917	ug/l	100
5) Bromomethane	2.649	94	61839	43.927	ug/l	93
6) Chloroethane	2.796	64	55704	43.068	ug/l	96
7) Trichlorofluoromethane	3.131	101	149624	43.196	ug/l	98
8) Diethyl Ether	3.533	74	51052	47.767	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	81921	42.962	ug/l	98
10) Methyl Iodide	4.094	142	118188	44.798	ug/l	97
11) Tert butyl alcohol	4.948	59	48151	240.579	ug/l	100
12) 1,1-Dichloroethene	3.875	96	82902	43.464	ug/l	98
13) Acrolein	3.734	56	44809	236.004	ug/l	100
14) Allyl chloride	4.484	41	125380	44.637	ug/l	96
15) Acrylonitrile	5.161	53	126832	255.109	ug/l	100
16) Acetone	3.948	43	112716	187.129	ug/l	98
17) Carbon Disulfide	4.198	76	260976	42.893	ug/l	99
18) Methyl Acetate	4.478	43	68437	48.763	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	245781	50.221	ug/l	100
20) Methylene Chloride	4.716	84	112857	48.058	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	98549	45.472	ug/l	96
22) Diisopropyl ether	6.118	45	269840	48.777	ug/l	98
23) Vinyl Acetate	6.057	43	807610	253.741	ug/l	98
24) 1,1-Dichloroethane	6.021	63	164128	45.643	ug/l	99
25) 2-Butanone	6.984	43	158853	234.790	ug/l	95
26) 2,2-Dichloropropane	6.984	77	146760	41.708	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	109723	46.809	ug/l	98
28) Bromochloromethane	7.338	49	51942	52.638	ug/l	93
29) Tetrahydrofuran	7.350	42	100969	263.399	ug/l	95
30) Chloroform	7.508	83	181254	46.765	ug/l	98
31) Cyclohexane	7.789	56	140355	41.049	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	164186	44.537	ug/l	98
36) 1,1-Dichloropropene	7.917	75	131110	43.287	ug/l	99
37) Ethyl Acetate	7.069	43	67444	49.631	ug/l	97
38) Carbon Tetrachloride	7.898	117	151970	43.444	ug/l	96
39) Methylcyclohexane	9.185	83	157529	43.223	ug/l	98
40) Benzene	8.161	78	392065	45.232	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35081m	53.386	ug/l	
42) 1,2-Dichloroethane	8.234	62	118297	47.408	ug/l	99
43) Isopropyl Acetate	8.270	43	124329	50.096	ug/l	98
44) Trichloroethene	8.941	130	108881	44.565	ug/l	99
45) 1,2-Dichloropropane	9.215	63	92162	46.018	ug/l	98
46) Dibromomethane	9.307	93	55433	48.052	ug/l	100
47) Bromodichloromethane	9.496	83	137634	47.027	ug/l	98
48) Methyl methacrylate	9.294	41	58186	50.635	ug/l	96
49) 1,4-Dioxane	9.294	88	15372	1116.065	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	348148	263.077	ug/l	99
52) Toluene	10.246	92	255262	46.222	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	141175	47.738	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	157523	47.387	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	78313	47.838	ug/l	99
56) Ethyl methacrylate	10.508	69	107139	51.691	ug/l	97
57) 1,3-Dichloropropane	10.788	76	133172	48.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	218097	272.690	ug/l	98
59) 2-Hexanone	10.831	43	246631	253.326	ug/l	98
60) Dibromochloromethane	10.983	129	101085	49.016	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75173	49.082	ug/l	99
64) Tetrachloroethene	10.721	164	114675	44.495	ug/l	97
65) Chlorobenzene	11.514	112	272804	44.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103544	45.521	ug/l	99
67) Ethyl Benzene	11.593	91	486668	44.038	ug/l	100
68) m/p-Xylenes	11.703	106	385302	89.650	ug/l	99
69) o-Xylene	12.032	106	182486	45.634	ug/l	98
70) Styrene	12.044	104	310630	46.263	ug/l	100
71) Bromoform	12.209	173	65398	48.520	ug/l	99
73) Isopropylbenzene	12.331	105	480808	43.256	ug/l	99
74) N-amyl acetate	12.142	43	110661	48.561	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	87285	47.071	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	71079m	38.135	ug/l	
77) Bromobenzene	12.611	156	114934	44.695	ug/l	98
78) n-propylbenzene	12.672	91	573390	42.916	ug/l	99
79) 2-Chlorotoluene	12.757	91	328859	43.788	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	419512	44.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	31545	46.347	ug/l	98
82) 4-Chlorotoluene	12.855	91	341111	43.897	ug/l	100
83) tert-Butylbenzene	13.074	119	353614	43.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	414155	44.237	ug/l	99
85) sec-Butylbenzene	13.251	105	519633	43.147	ug/l	99
86) p-Isopropyltoluene	13.367	119	447080	43.995	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	227032	43.900	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	224103	43.589	ug/l	100
89) n-Butylbenzene	13.696	91	396674	43.120	ug/l	99
90) Hexachloroethane	13.958	117	84348	43.501	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	202457	44.904	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15523	48.711	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	123502	46.566	ug/l	98
94) Hexachlorobutadiene	15.110	225	75415	44.006	ug/l	98
95) Naphthalene	15.232	128	251041	45.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	108355	48.322	ug/l	99

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

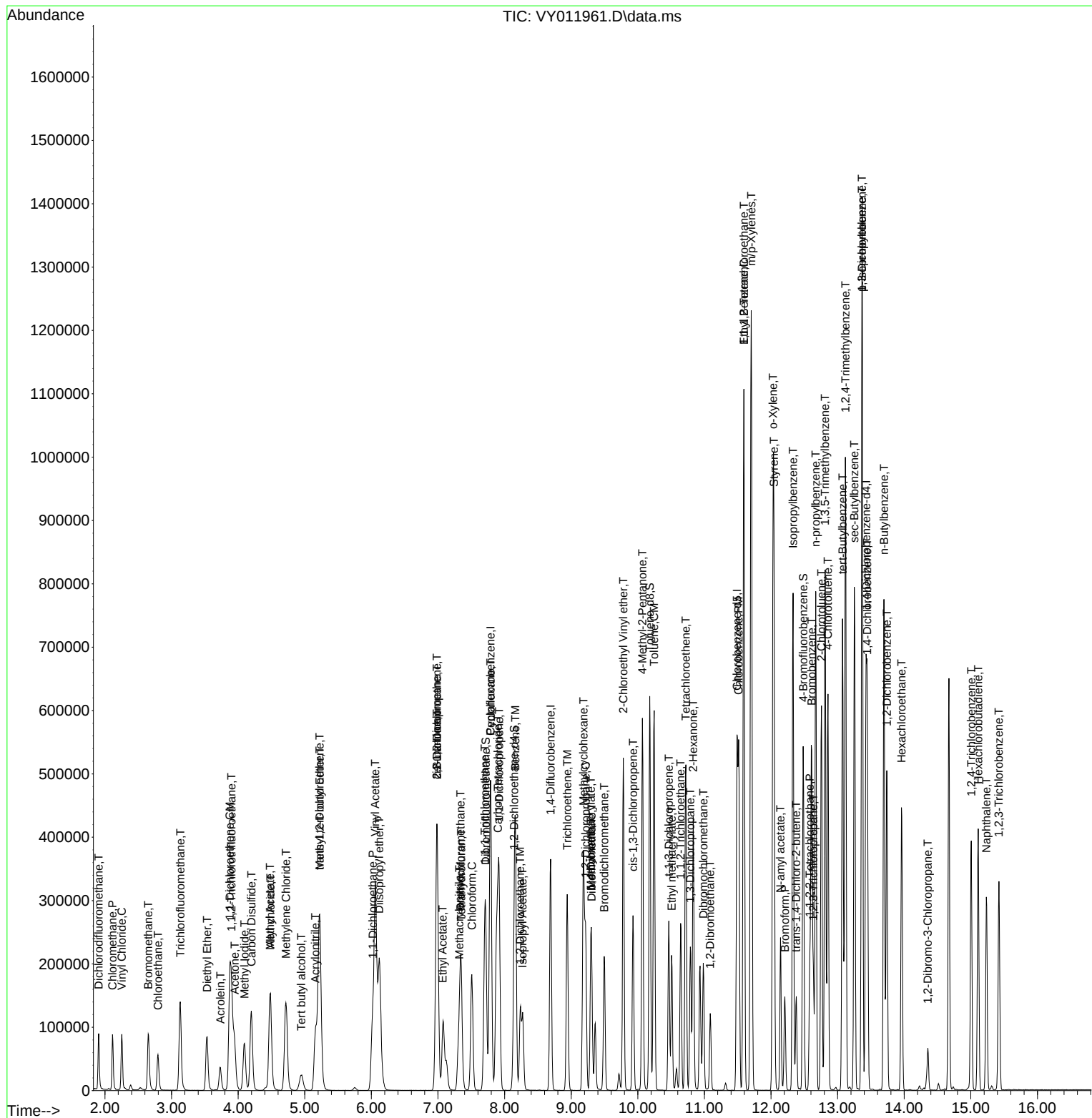
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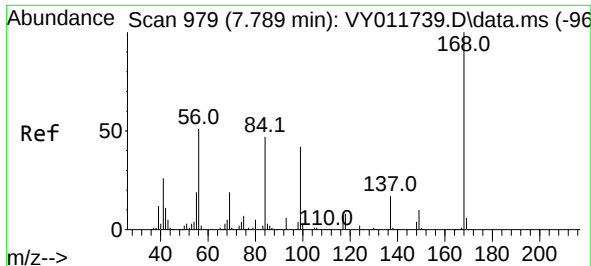
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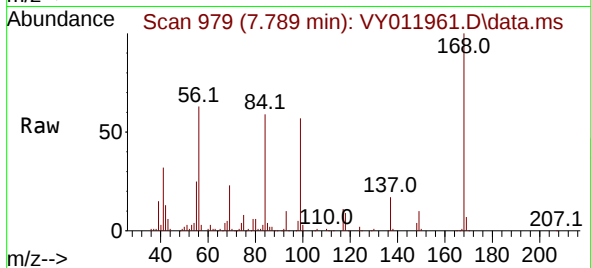
Reviewed By :Krupa Patel 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

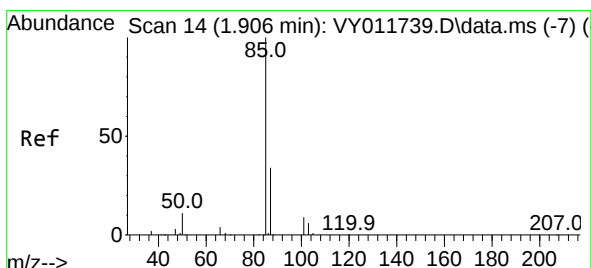
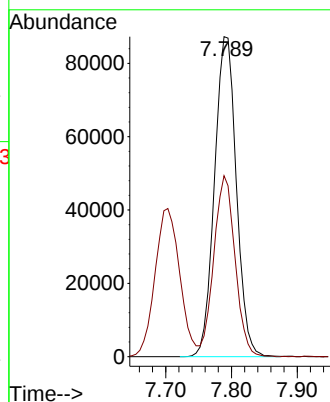
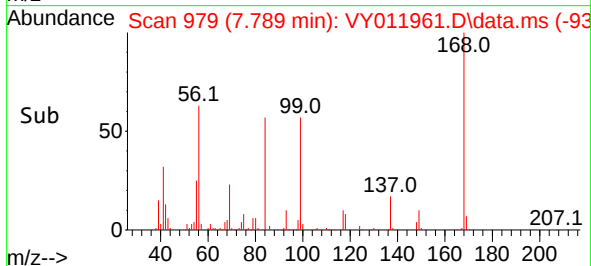
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 20160
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0

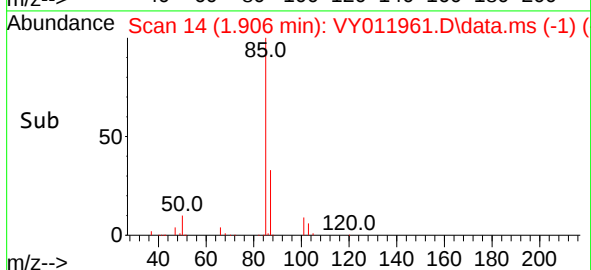
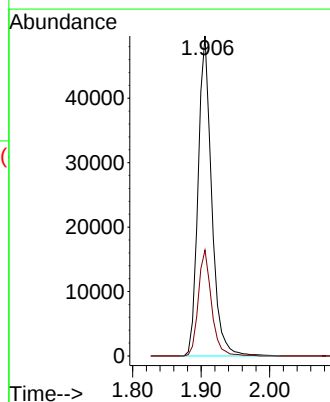
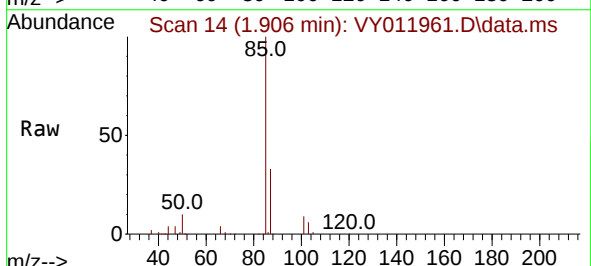
Manual Integrations
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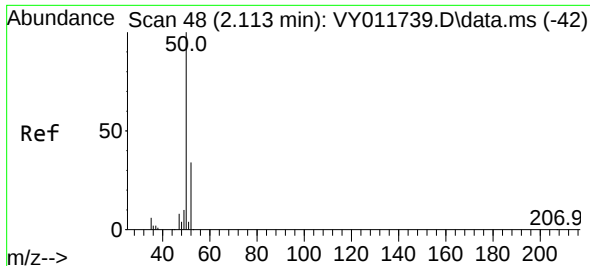
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 42.960 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

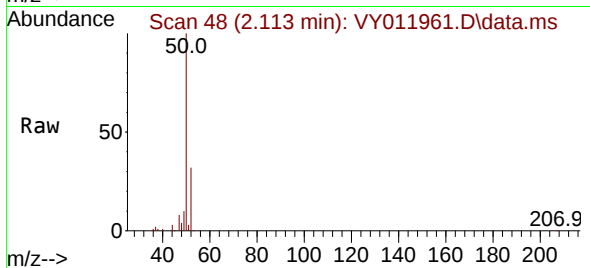
Tgt Ion: 85 Resp: 68490
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.4





#3
Chloromethane
Concen: 43.220 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

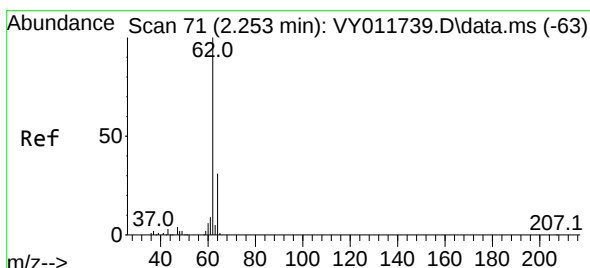
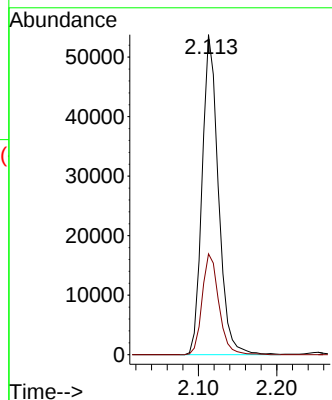
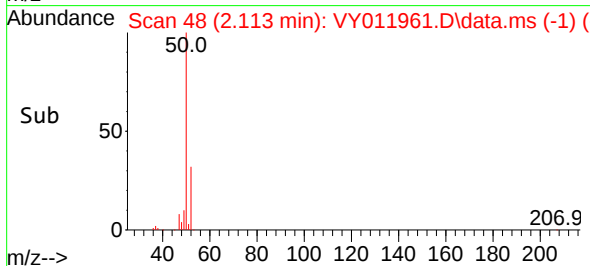
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Tgt Ion: 50 Resp: 77548
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2

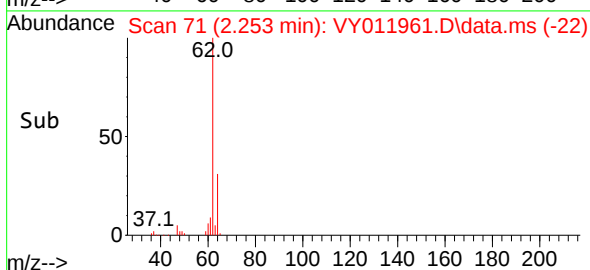
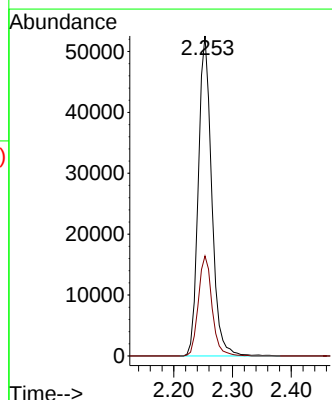
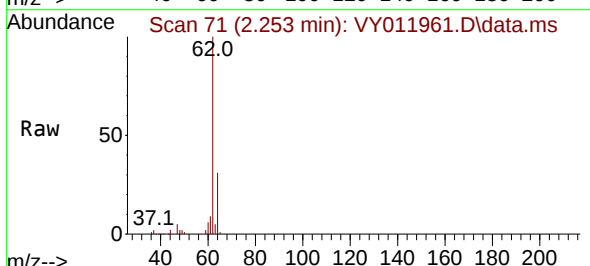
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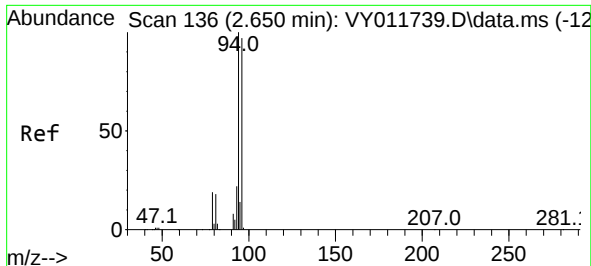
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#4
Vinyl Chloride
Concen: 41.917 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

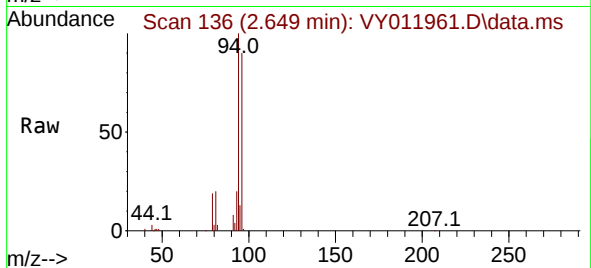
Tgt Ion: 62 Resp: 82943
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 43.927 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

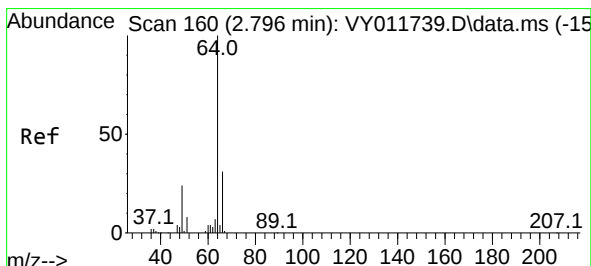
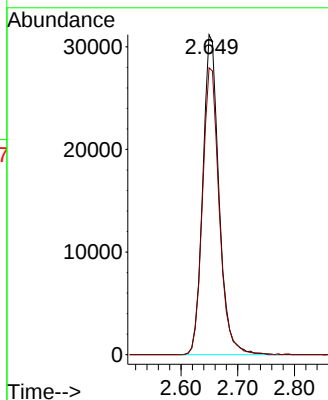
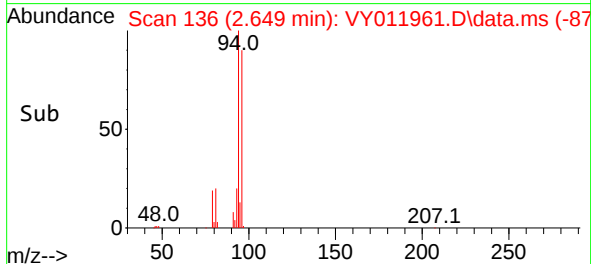
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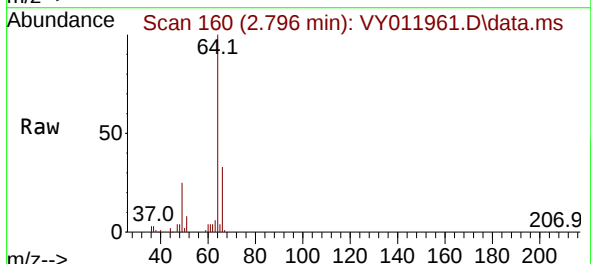
Tgt Ion: 94 Resp: 61839
Ion Ratio Lower Upper
94 100
96 89.6 77.4 116.2

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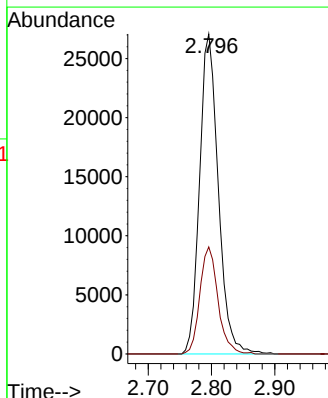
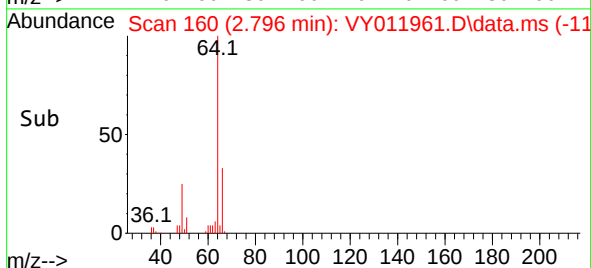
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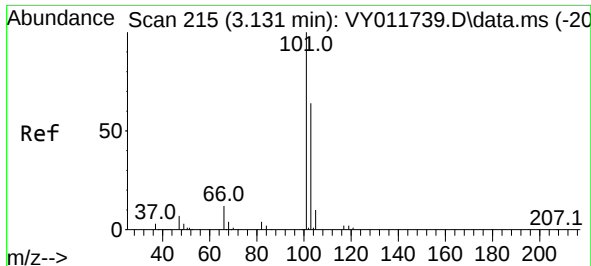


#6
Chloroethane
Concen: 43.068 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011961.D
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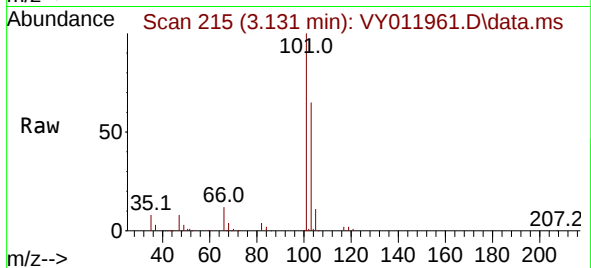
Tgt Ion: 64 Resp: 55704
Ion Ratio Lower Upper
64 100
66 33.5 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 43.196 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY011961.D
 Acq: 21 Dec 2022 20:51

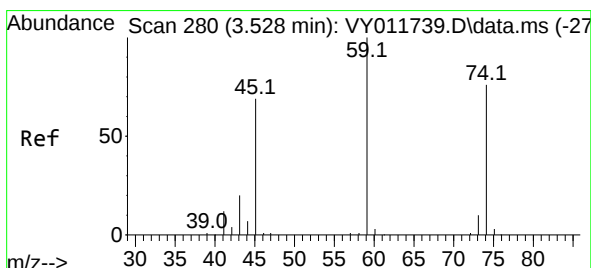
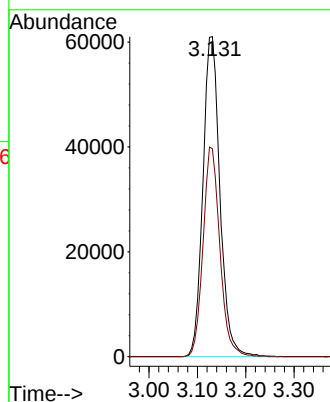
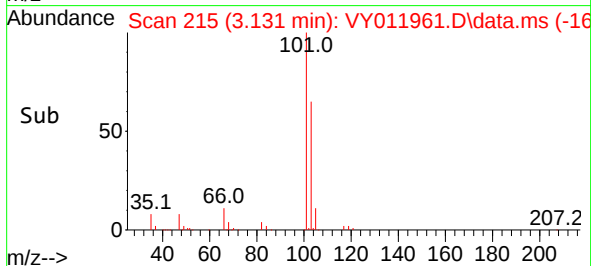
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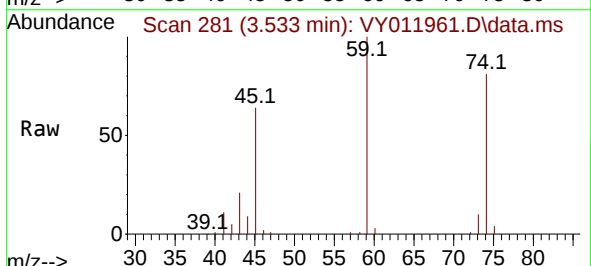
Tgt Ion:101 Resp: 149624
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.0 76.6

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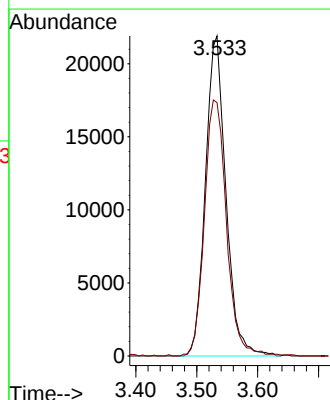
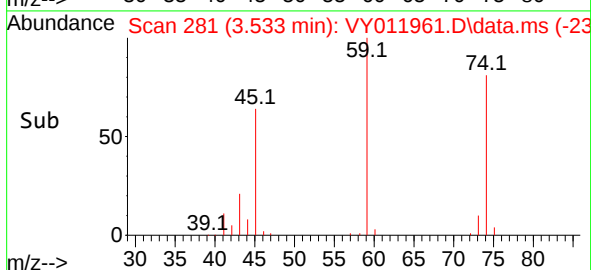
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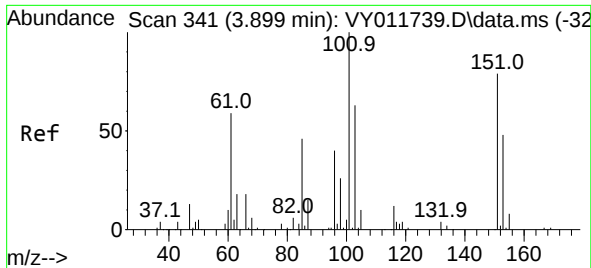


#8
 Diethyl Ether
 Concen: 47.767 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.005 min
 Lab File: VY011961.D
 Acq: 21 Dec 2022 20:51



Tgt Ion: 74 Resp: 51052
 Ion Ratio Lower Upper
 74 100
 45 86.4 46.8 140.3





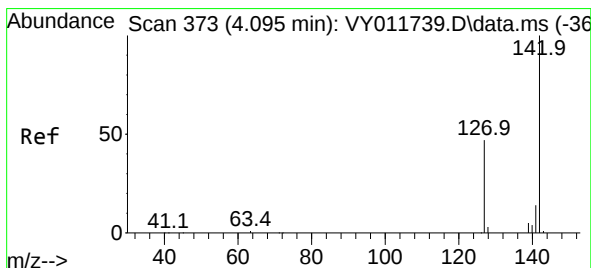
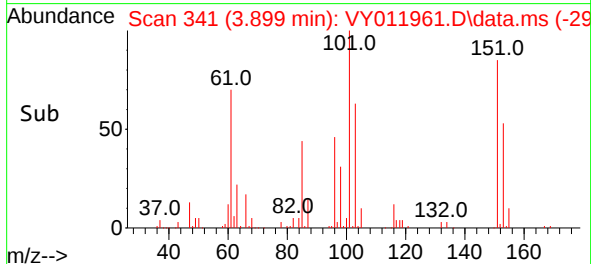
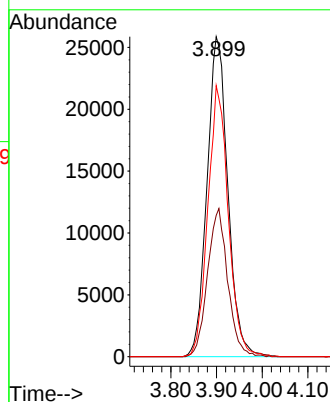
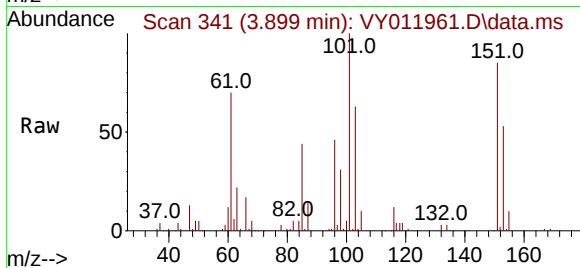
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.962 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8192
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.2
151 83.2 64.2 96.2

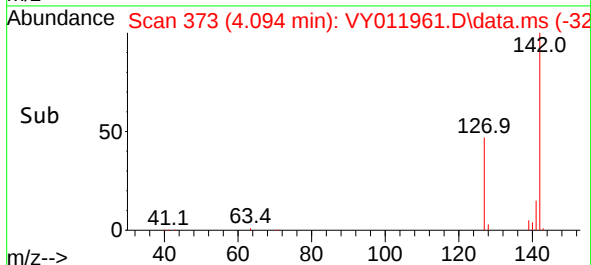
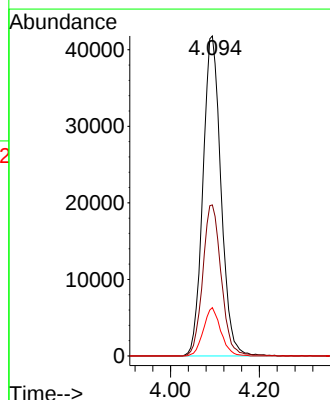
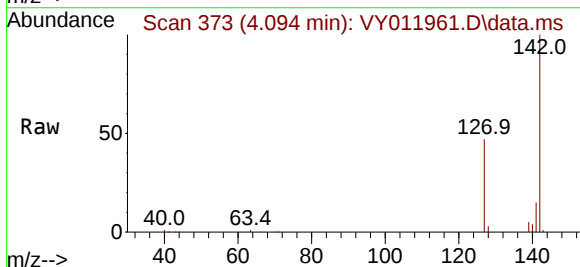
Manual Integrations
APPROVED

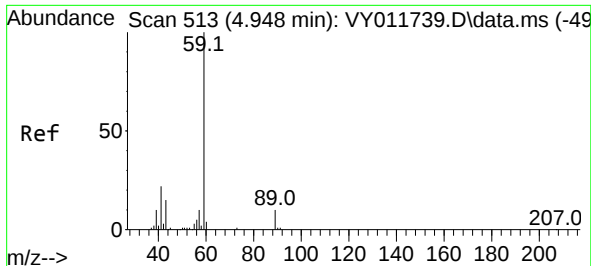
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 44.798 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

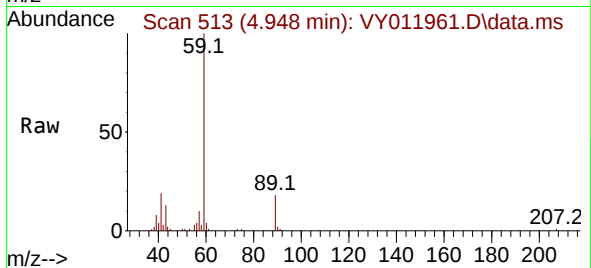
Tgt Ion:142 Resp: 118188
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 240.579 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

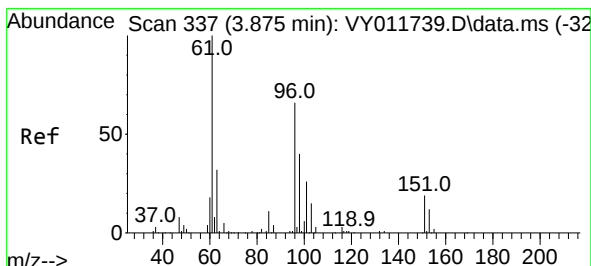
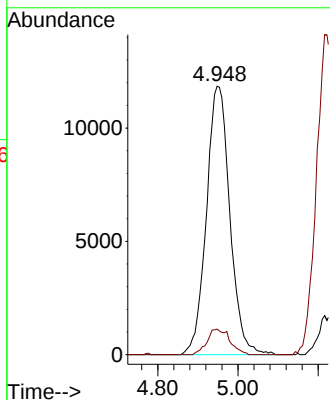
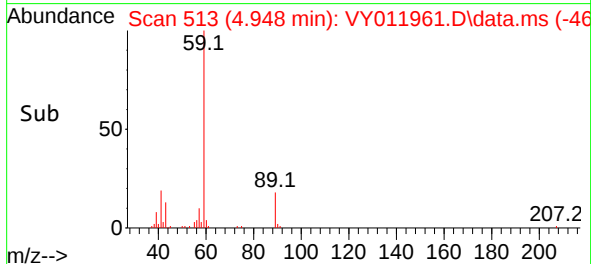
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



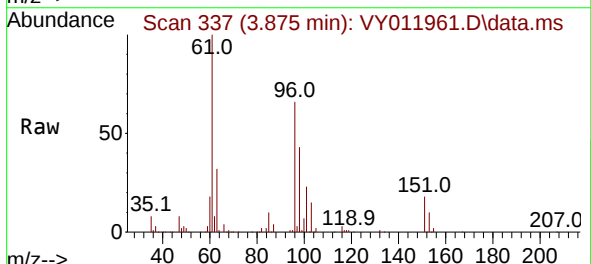
Tgt Ion: 59 Resp: 4815
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2

Manual Integrations
APPROVED

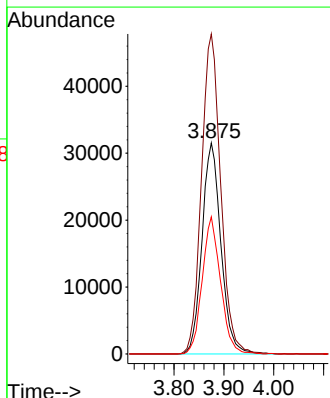
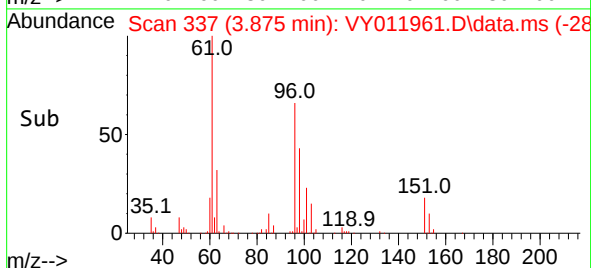
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

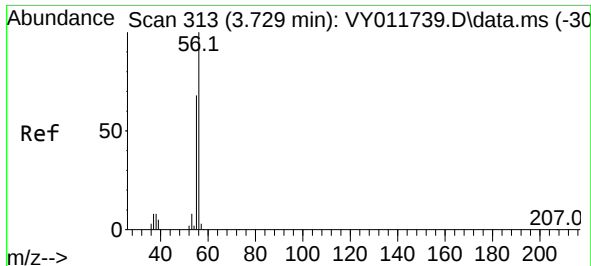


#12
1,1-Dichloroethene
Concen: 43.464 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



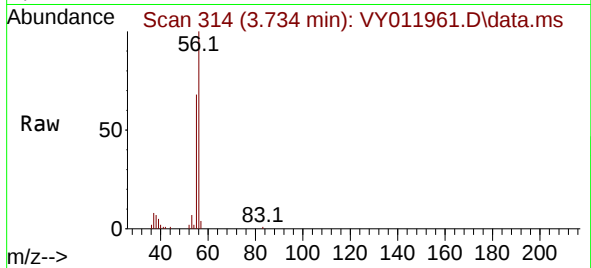
Tgt Ion: 96 Resp: 82902
Ion Ratio Lower Upper
96 100
61 151.6 122.0 183.0
98 65.0 48.6 73.0





#13
Acrolein
Concen: 236.004 ug/l
RT: 3.734 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

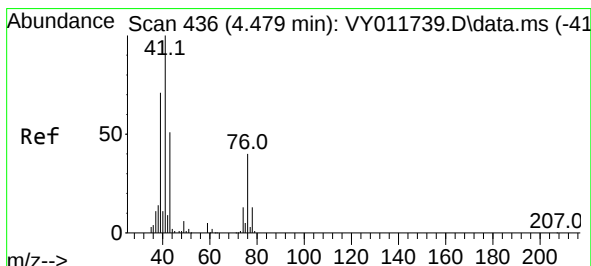
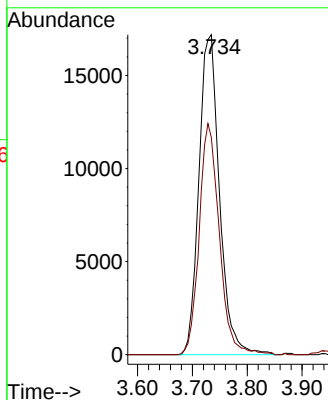
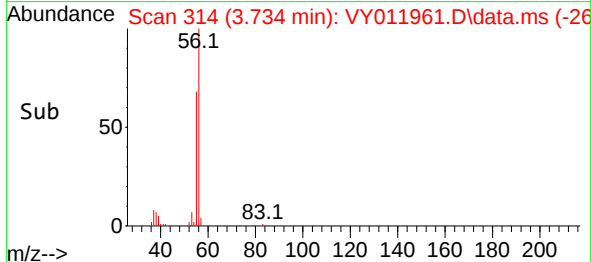
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 44809
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

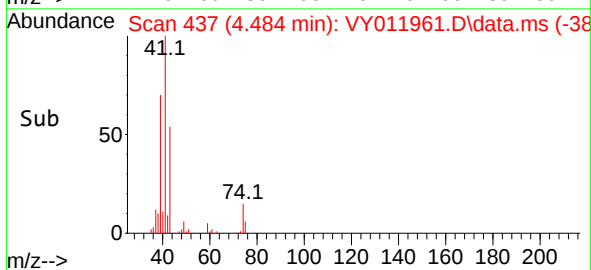
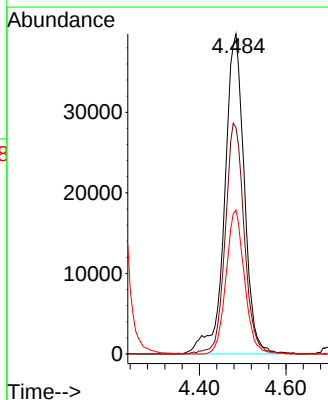
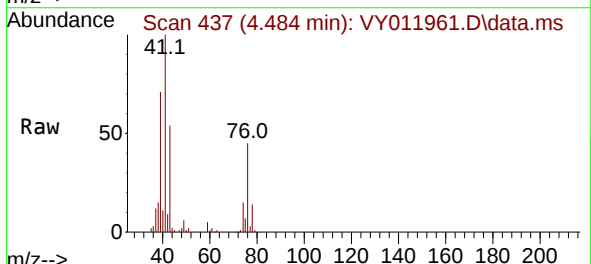
Manual Integrations
APPROVED

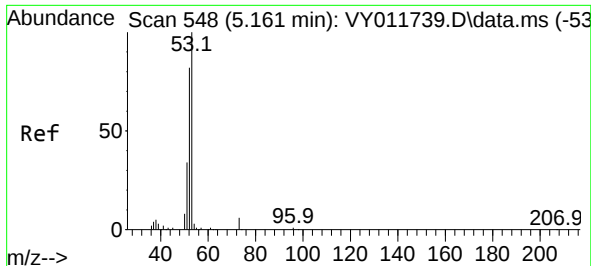
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#14
Allyl chloride
Concen: 44.637 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

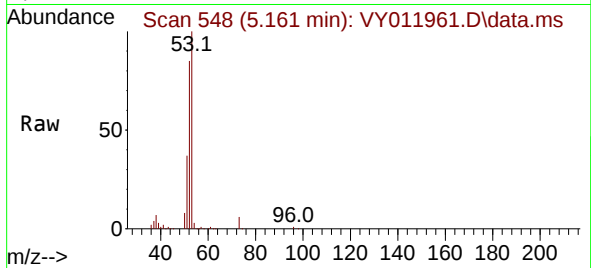
Tgt Ion: 41 Resp: 125380
Ion Ratio Lower Upper
41 100
39 69.8 53.5 80.3
76 42.2 31.1 46.7





#15
Acrylonitrile
Concen: 255.109 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

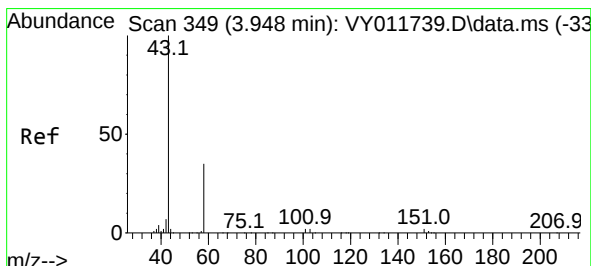
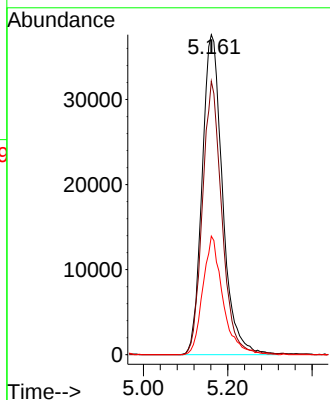
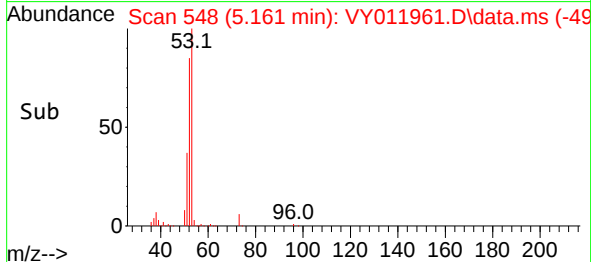
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



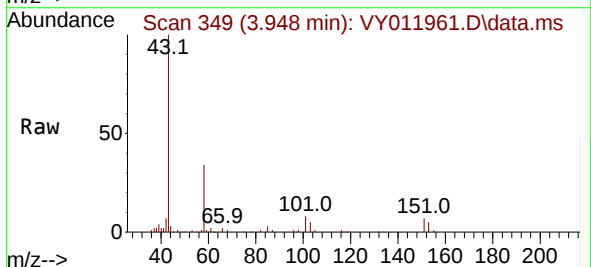
Tgt Ion: 53 Resp: 126832
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 36.3 28.7 43.1

Manual Integrations
APPROVED

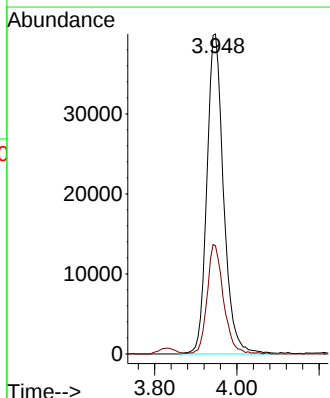
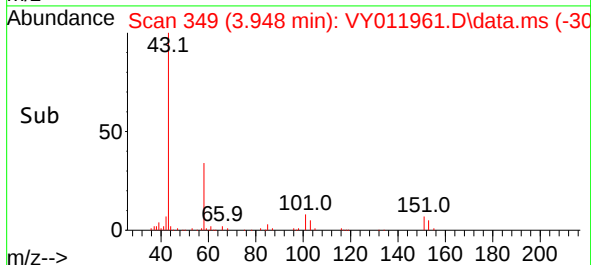
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

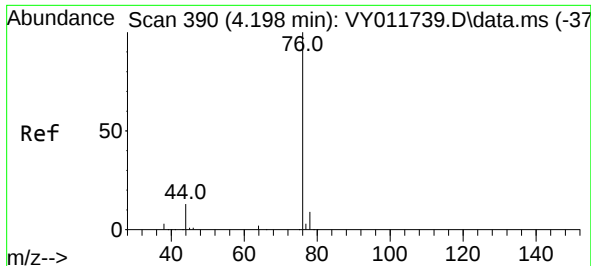


#16
Acetone
Concen: 187.129 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



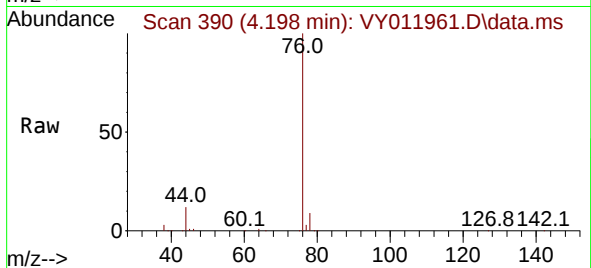
Tgt Ion: 43 Resp: 112716
Ion Ratio Lower Upper
43 100
58 33.8 27.9 41.9





#17
Carbon Disulfide
Concen: 42.893 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

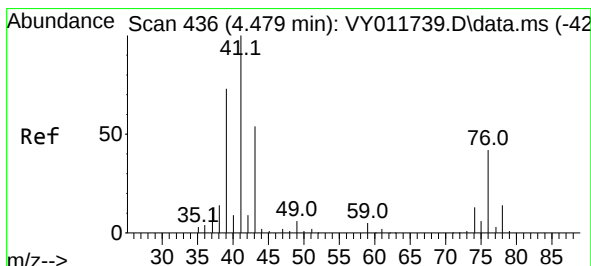
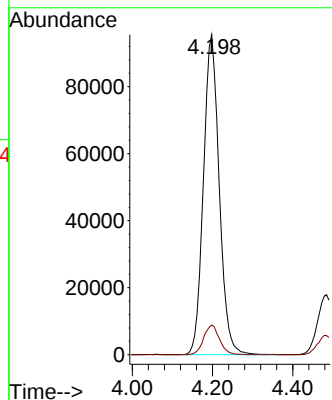
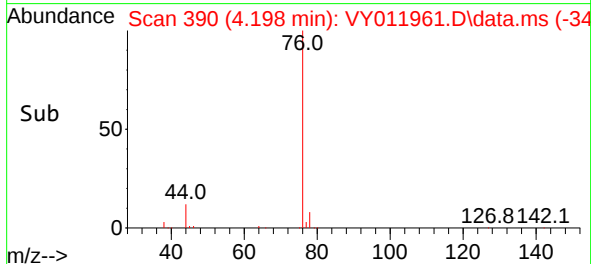
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 260970
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

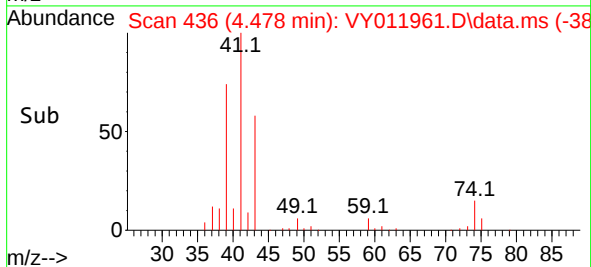
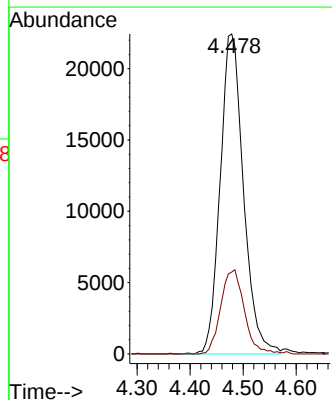
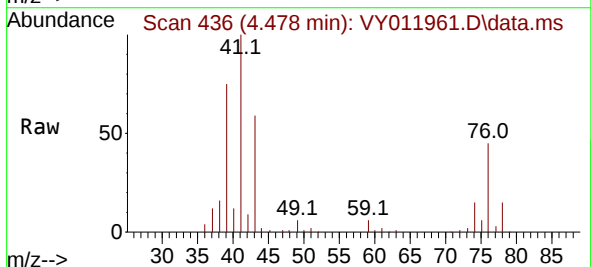
Manual Integrations
APPROVED

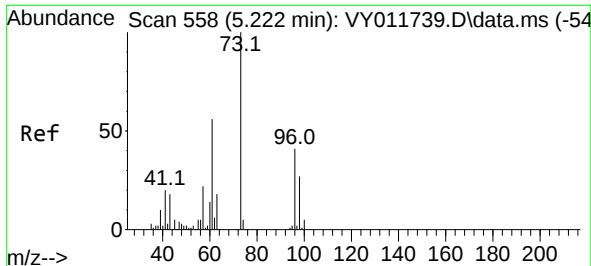
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 48.763 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

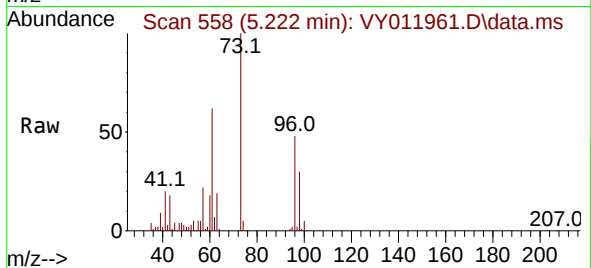
Tgt Ion: 43 Resp: 68437
Ion Ratio Lower Upper
43 100
74 26.5 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 50.221 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

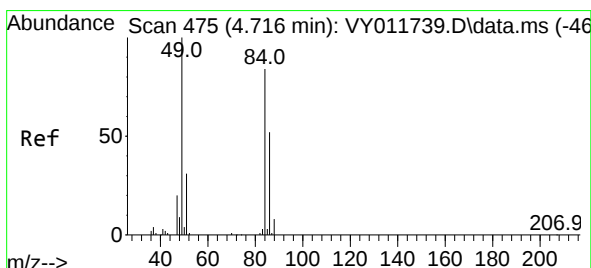
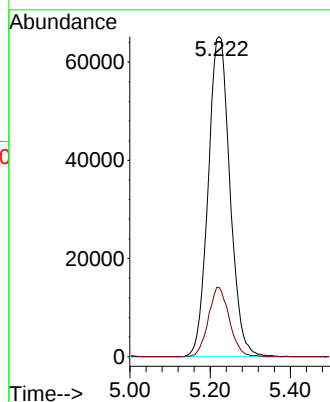
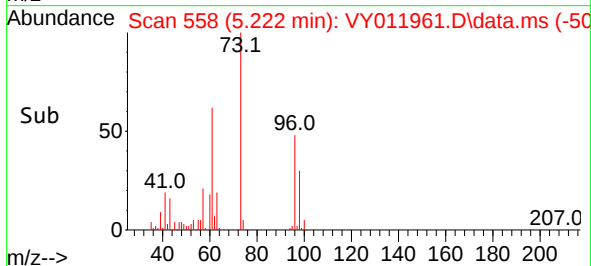
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC



Tgt Ion: 73 Resp: 24578
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

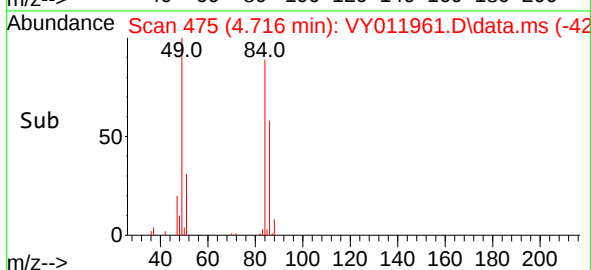
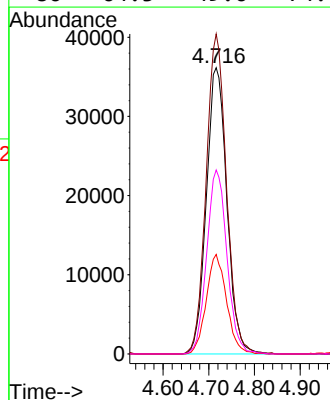
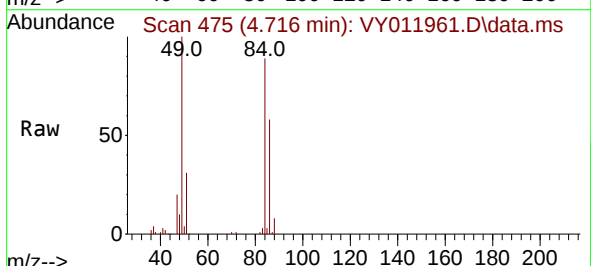
Manual Integrations
APPROVED

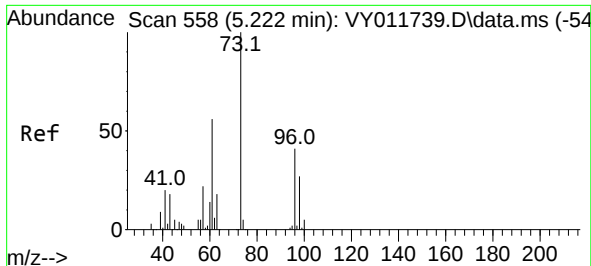
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 48.058 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

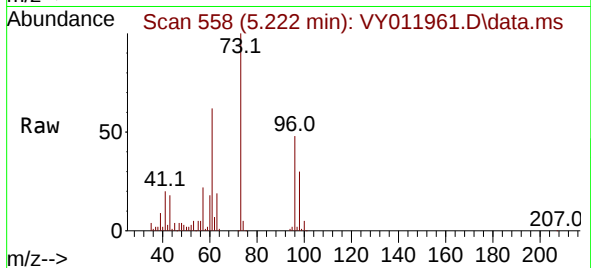
Tgt Ion: 84 Resp: 112857
Ion Ratio Lower Upper
84 100
49 111.8 95.4 143.2
51 34.7 29.9 44.9
86 64.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 45.472 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

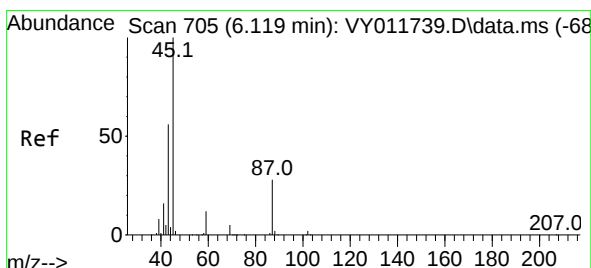
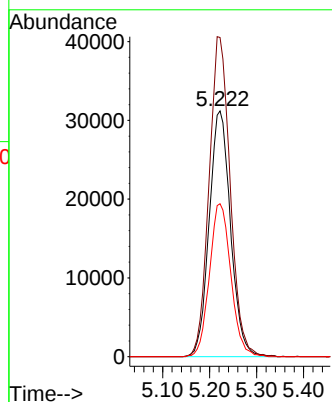
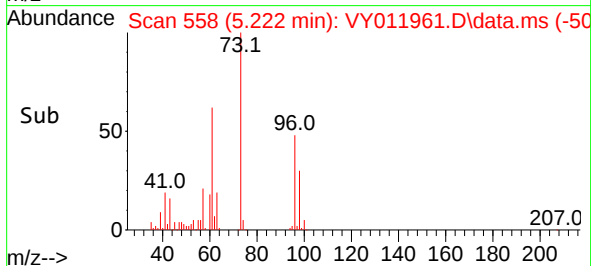
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 98549
Ion Ratio Lower Upper
96 100
61 129.8 108.0 162.0
98 62.2 51.6 77.4

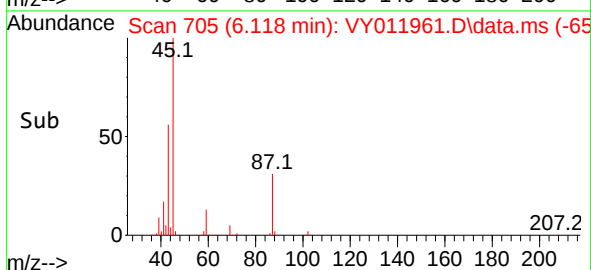
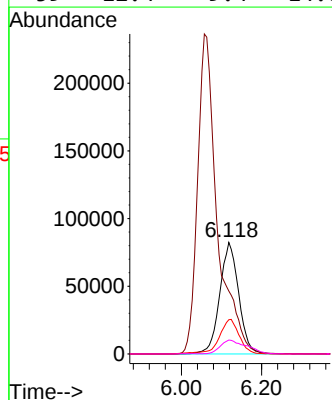
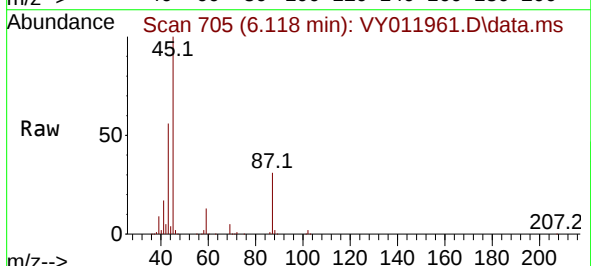
Manual Integrations
APPROVED

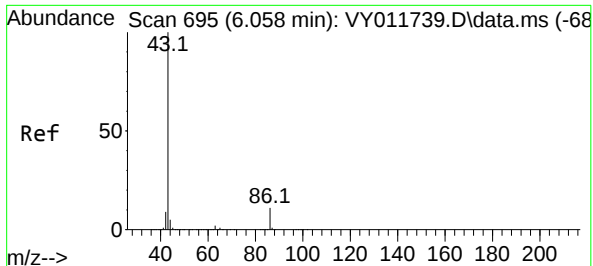
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#22
Diisopropyl ether
Concen: 48.777 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

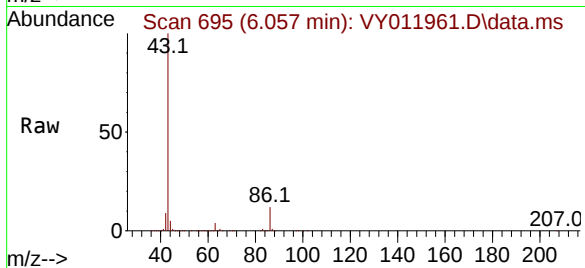
Tgt Ion: 45 Resp: 269840
Ion Ratio Lower Upper
45 100
43 56.1 45.0 67.4
87 30.7 22.6 33.8
59 12.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 253.741 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011961.D
 Acq: 21 Dec 2022 20:51

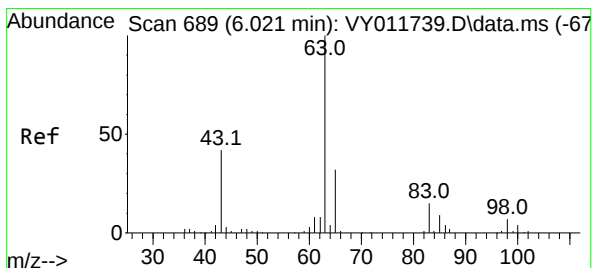
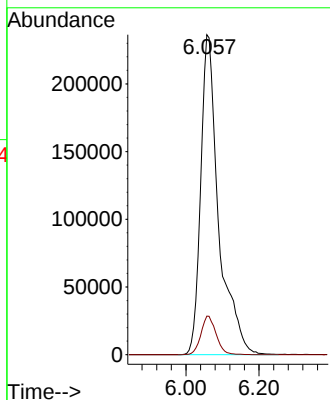
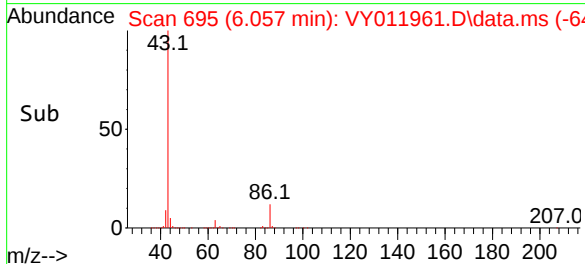
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



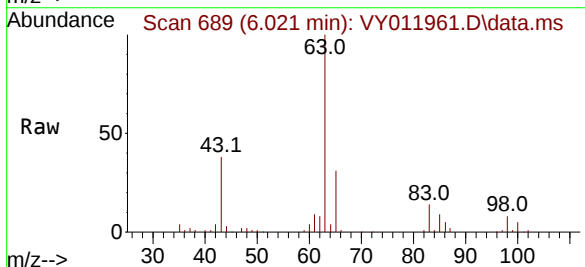
Tgt Ion: 43 Resp: 807610
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.0 13.4

Manual Integrations
 APPROVED

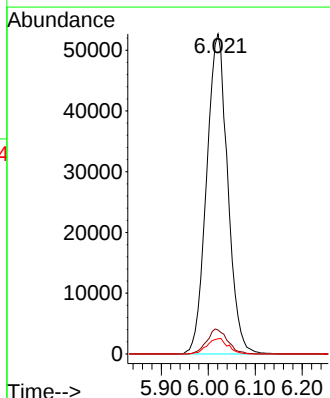
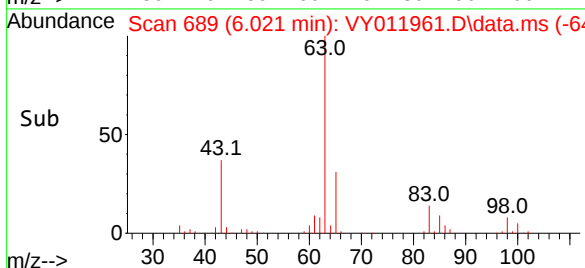
Reviewed By :Krupa Patel 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

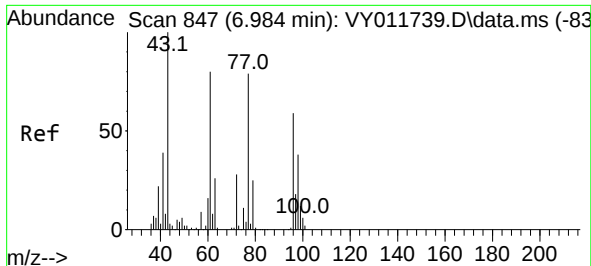


#24
 1,1-Dichloroethane
 Concen: 45.643 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011961.D
 Acq: 21 Dec 2022 20:51



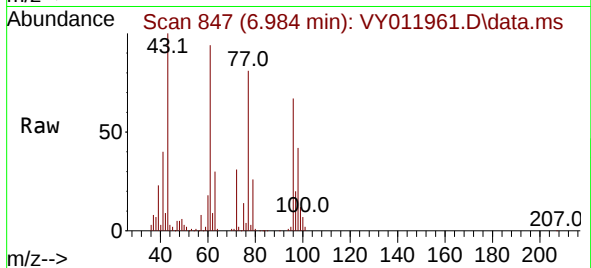
Tgt Ion: 63 Resp: 164128
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 234.790 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

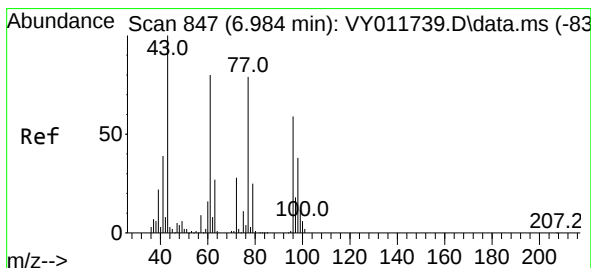
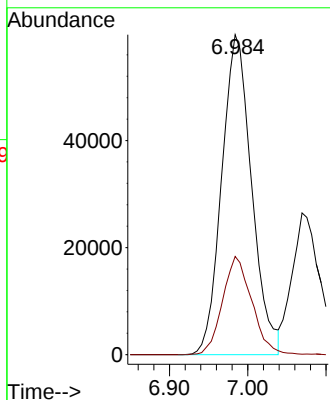
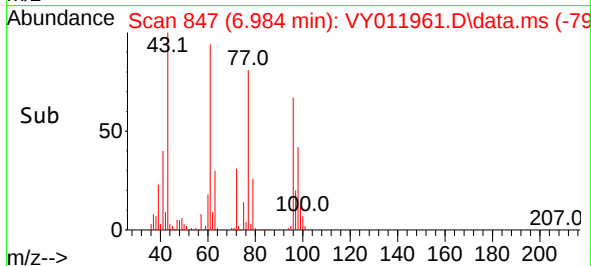
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



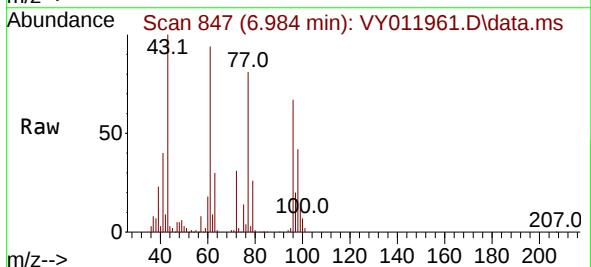
Tgt Ion: 43 Resp: 15885
Ion Ratio Lower Upper
43 100
72 30.7 22.6 34.0

Manual Integrations
APPROVED

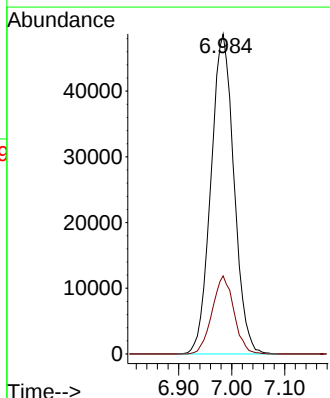
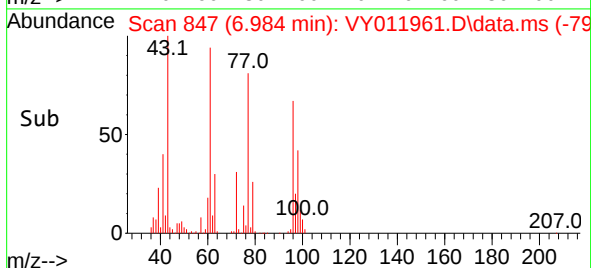
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

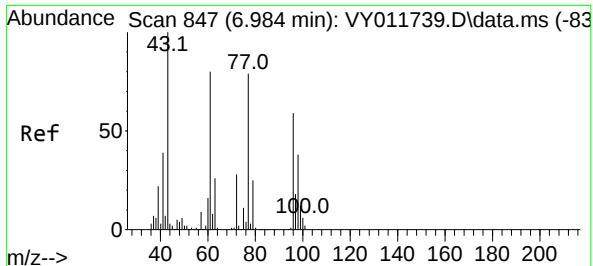


#26
2,2-Dichloropropane
Concen: 41.708 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



Tgt Ion: 77 Resp: 146760
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.809 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10972

Ion Ratio Lower Upper

96 100

61 138.0 0.0 283.4

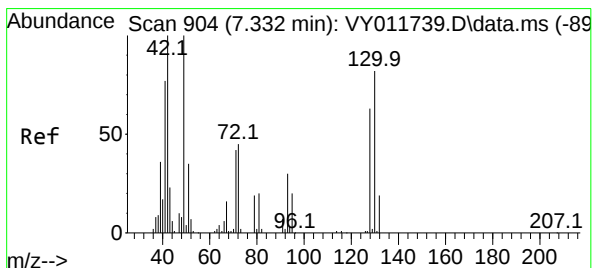
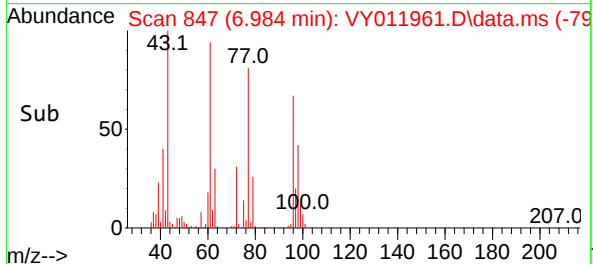
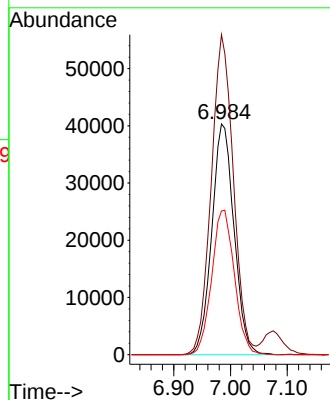
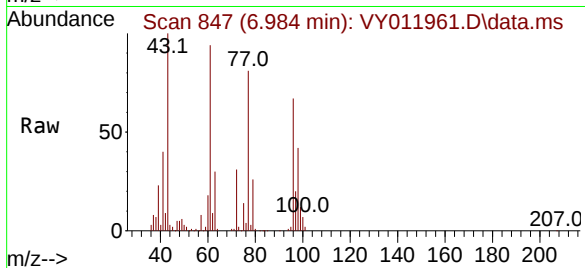
98 63.9 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 52.638 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

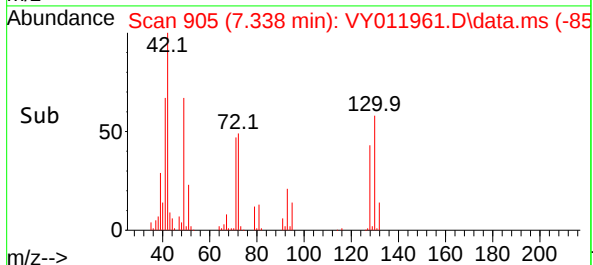
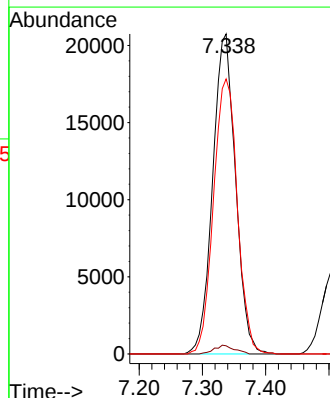
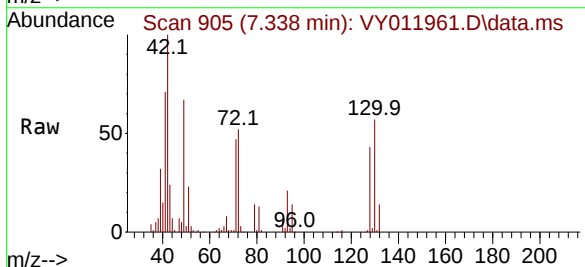
Tgt Ion: 49 Resp: 51942

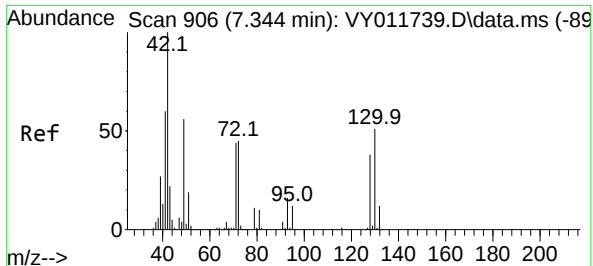
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

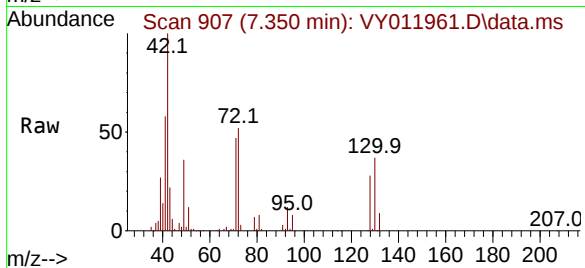
130 89.6 66.7 100.1





#29
Tetrahydrofuran
Concen: 263.399 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

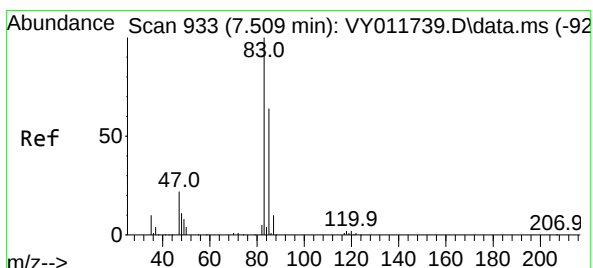
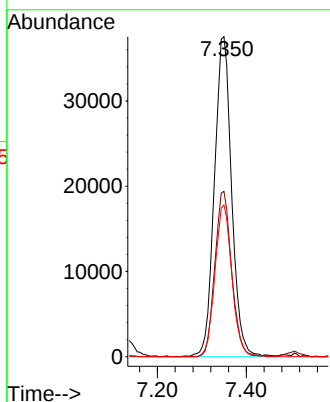
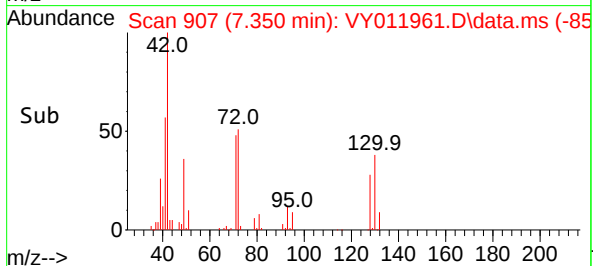
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 100969
Ion Ratio Lower Upper
42 100
72 50.1 37.0 55.6
71 46.5 34.9 52.3

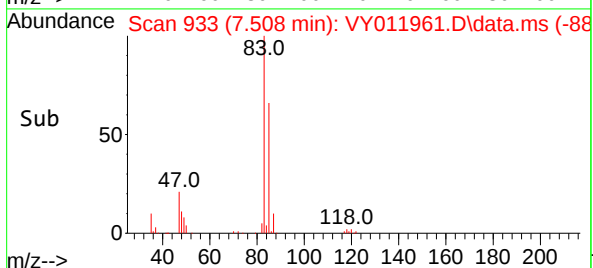
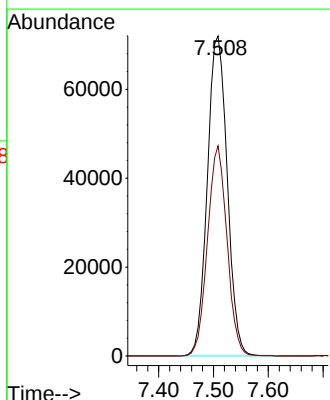
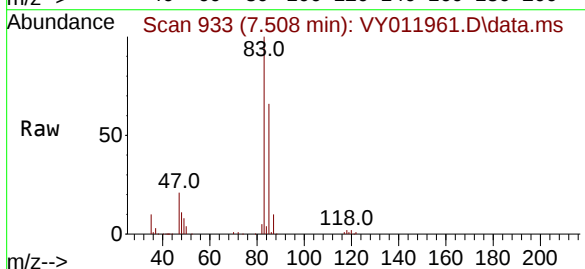
Manual Integrations
APPROVED

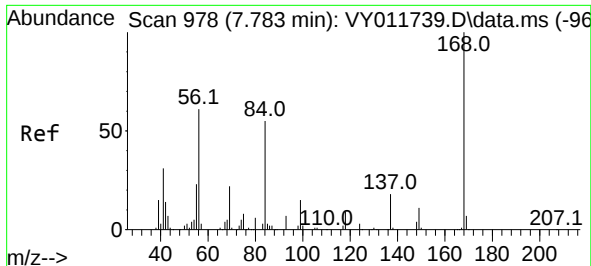
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#30
Chloroform
Concen: 46.765 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

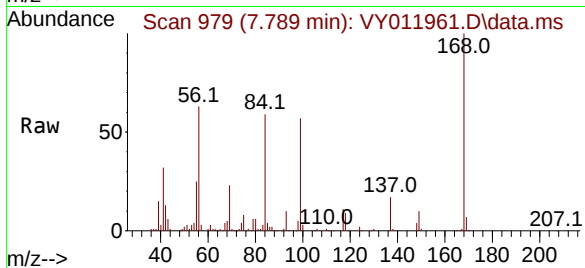
Tgt Ion: 83 Resp: 181254
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3





#31
Cyclohexane
Concen: 41.049 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

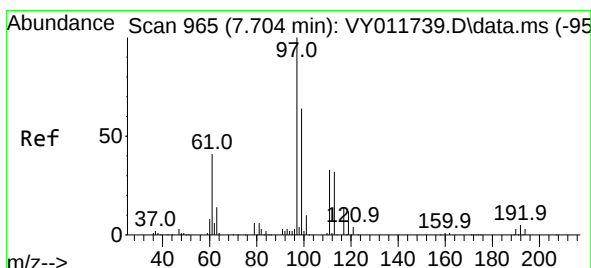
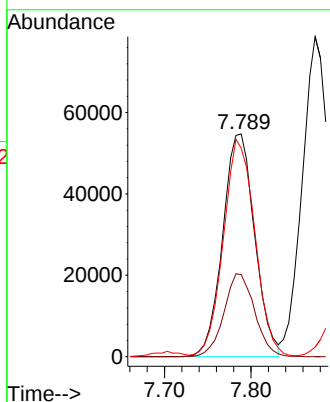
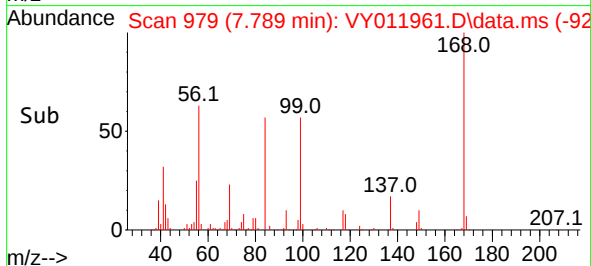
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



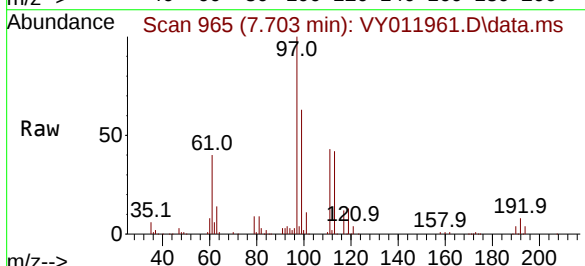
Tgt Ion: 56 Resp: 14035
Ion Ratio Lower Upper
56 100
69 36.9 29.2 43.8
84 91.9 72.6 108.8

Manual Integrations
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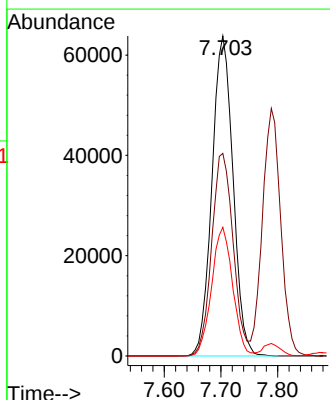
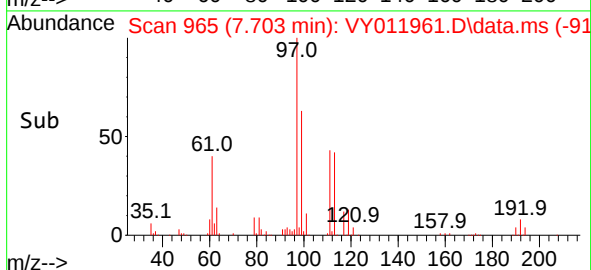
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

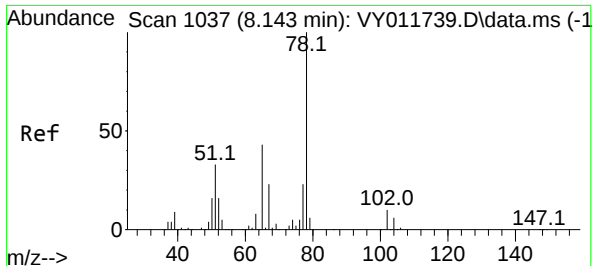


#32
1,1,1-Trichloroethane
Concen: 44.537 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



Tgt Ion: 97 Resp: 164186
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 40.2 33.0 49.4





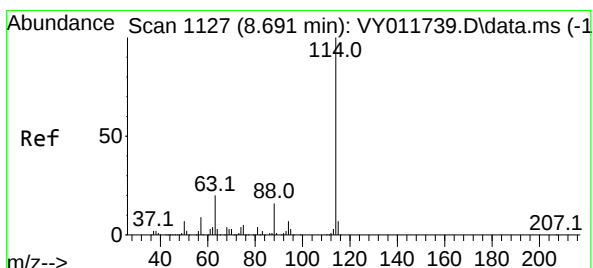
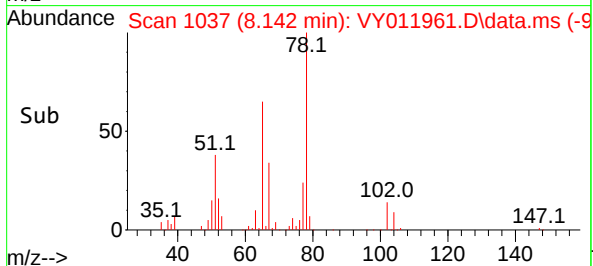
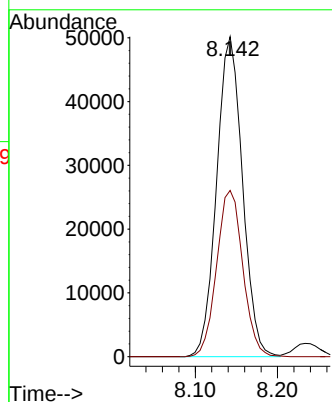
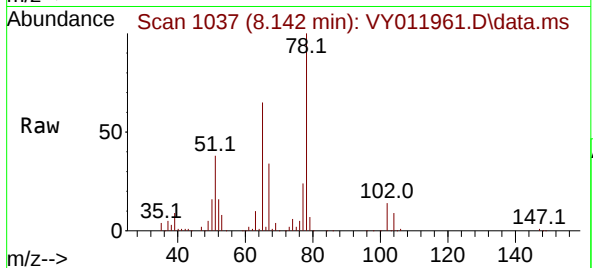
#33
1,2-Dichloroethane-d4
Concen: 54.053 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 109780
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2

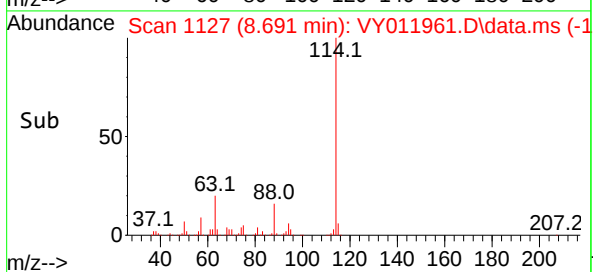
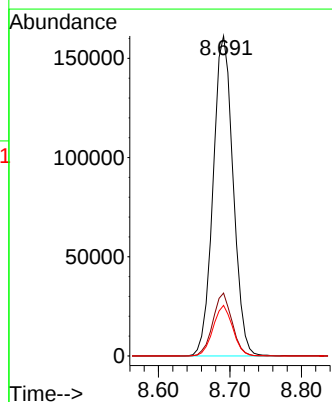
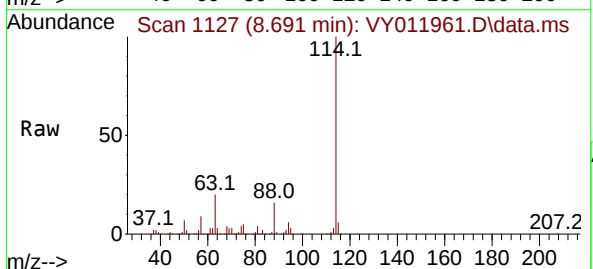
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

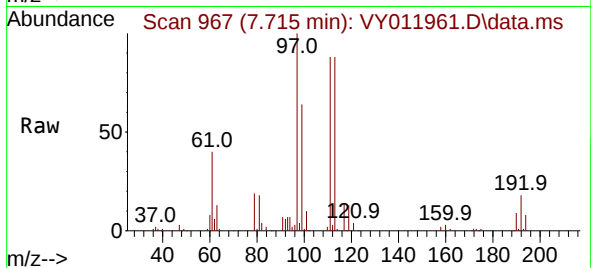
Tgt Ion:114 Resp: 313653
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 15.8 0.0 32.2





#35
Dibromofluoromethane
Concen: 52.831 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

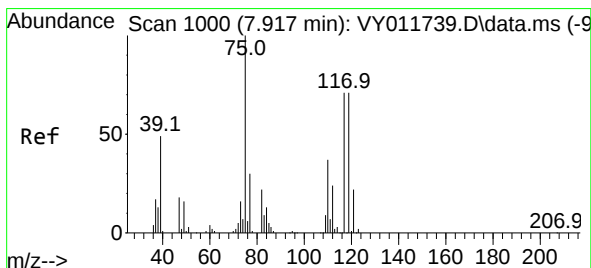
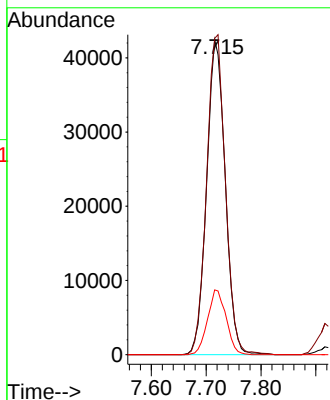
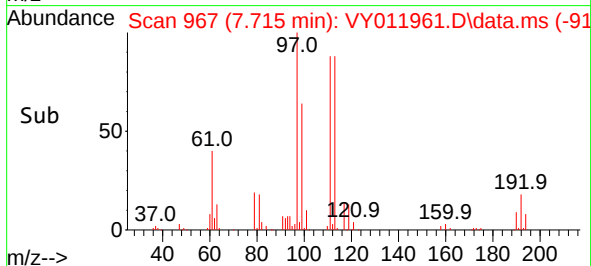
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



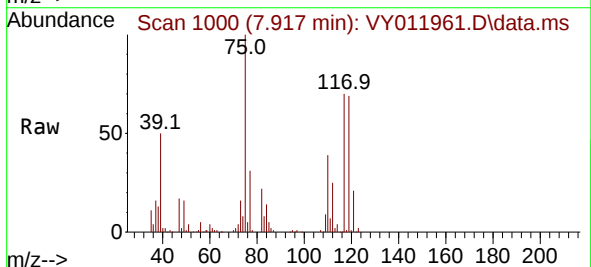
Tgt Ion:113 Resp: 99759
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 20.5 16.0 24.0

Manual Integrations
APPROVED

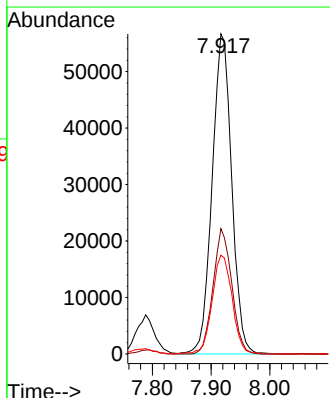
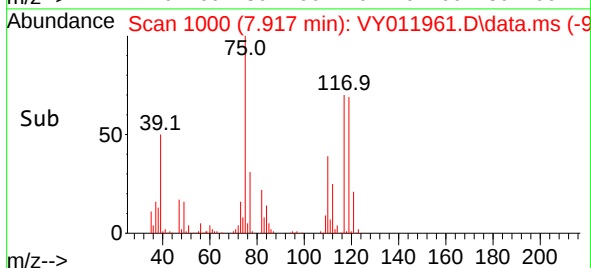
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

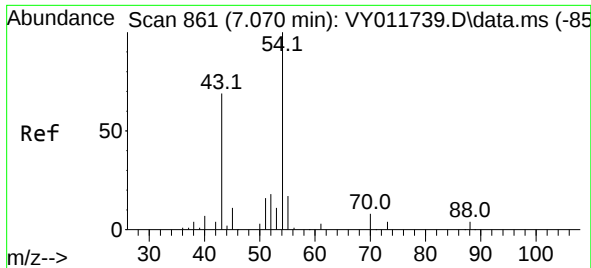


#36
1,1-Dichloropropene
Concen: 43.287 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



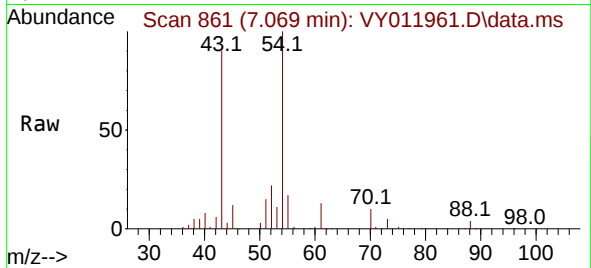
Tgt Ion: 75 Resp: 131110
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.1
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 49.631 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.001 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

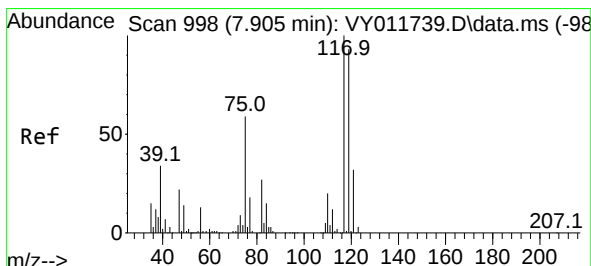
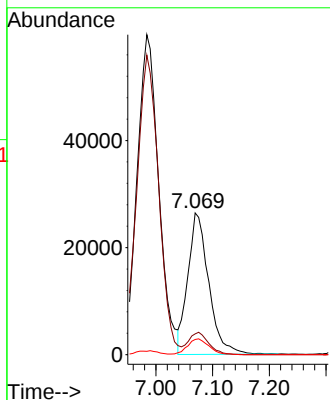
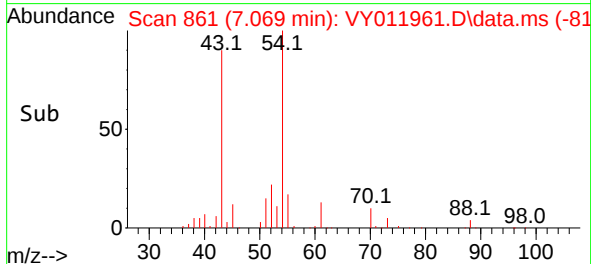
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



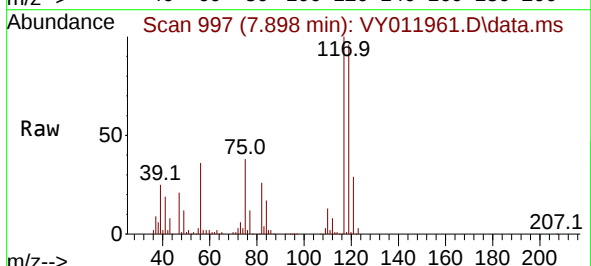
Tgt Ion: 43 Resp: 67444
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 11.6 8.2 12.4

Manual Integrations
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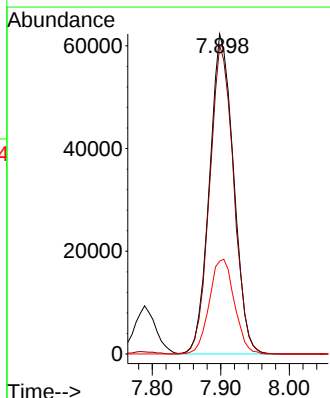
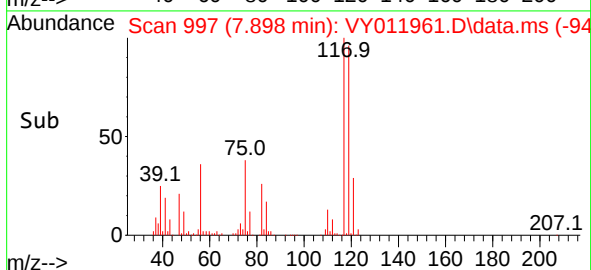
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

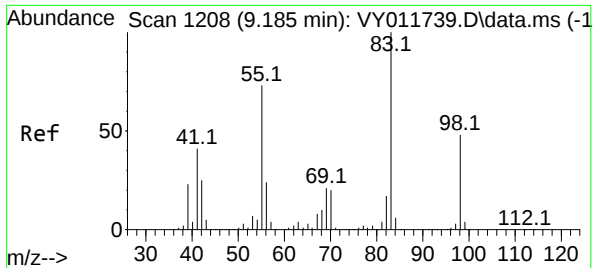


#38
Carbon Tetrachloride
Concen: 43.444 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



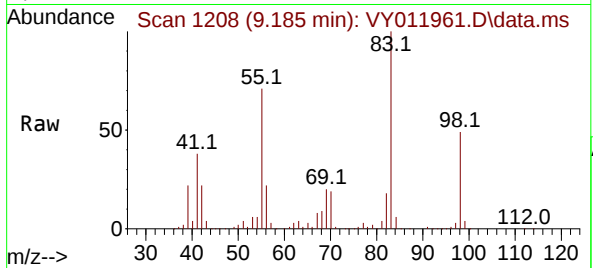
Tgt Ion:117 Resp: 151970
Ion Ratio Lower Upper
117 100
119 96.5 73.8 110.8
121 29.0 25.2 37.8





#39
Methylcyclohexane
Concen: 43.223 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

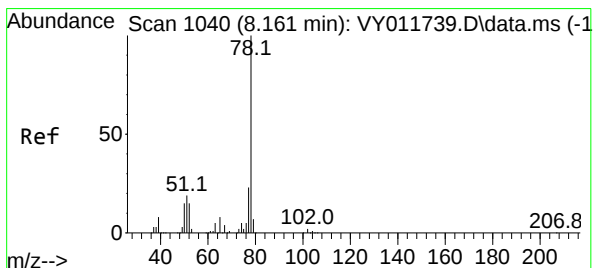
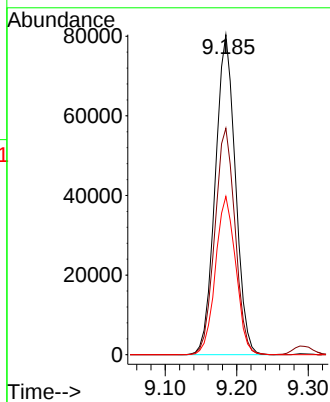
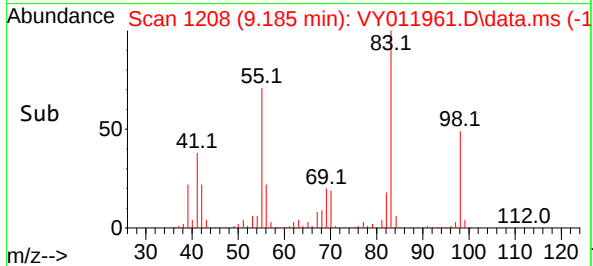
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 157529
Ion Ratio Lower Upper
83 100
55 70.8 58.2 87.2
98 49.5 38.6 58.0

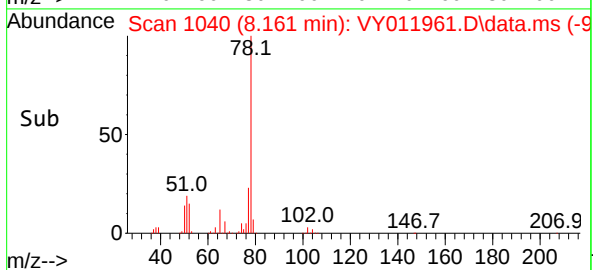
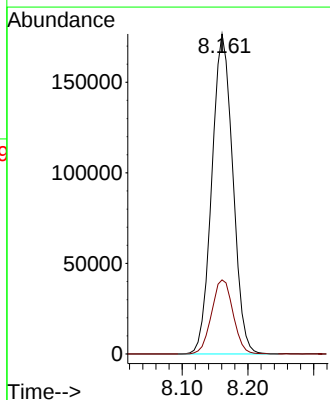
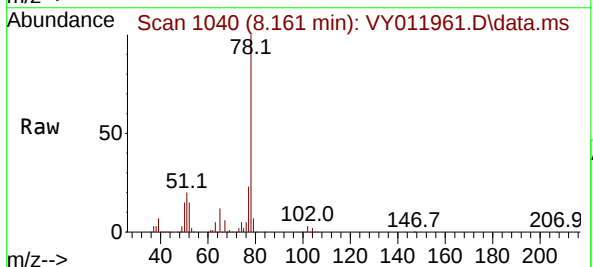
Manual Integrations
APPROVED

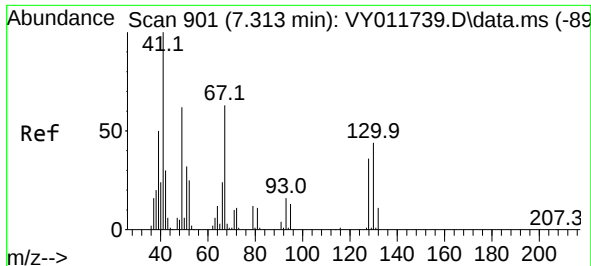
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#40
Benzene
Concen: 45.232 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion: 78 Resp: 392065
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8





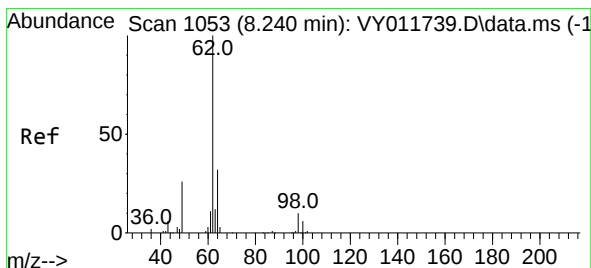
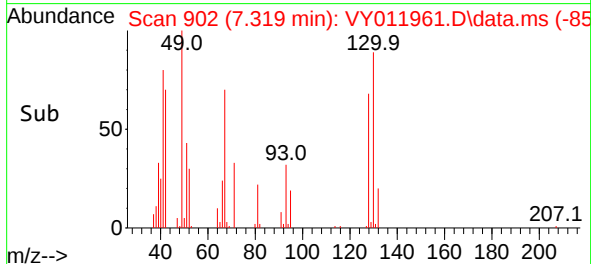
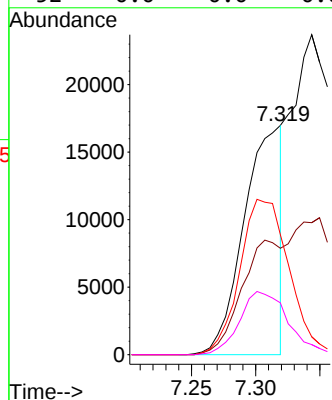
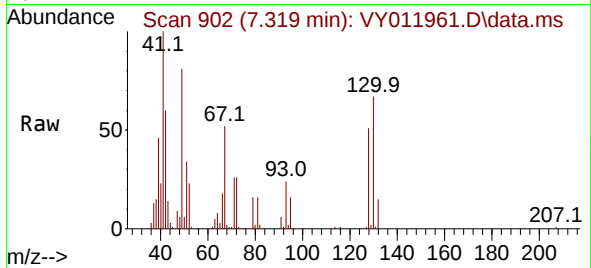
#41
Methacrylonitrile
Concen: 53.386 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 3508
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

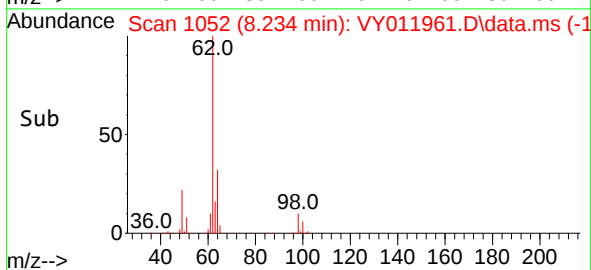
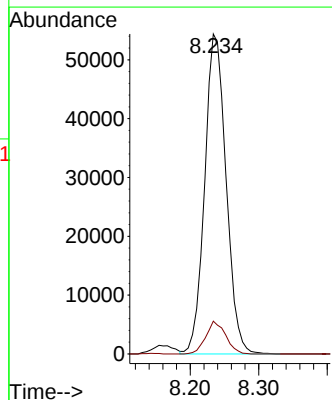
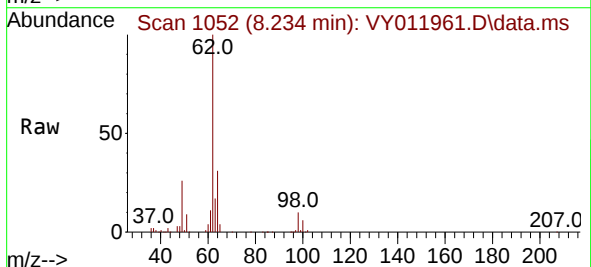
Manual Integrations
APPROVED

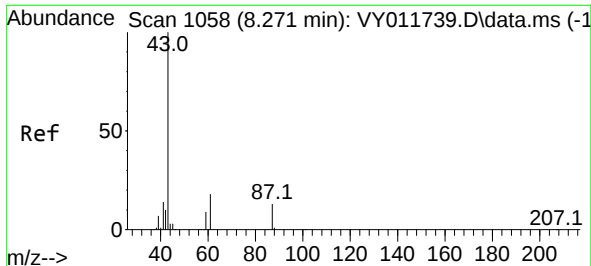
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#42
1,2-Dichloroethane
Concen: 47.408 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

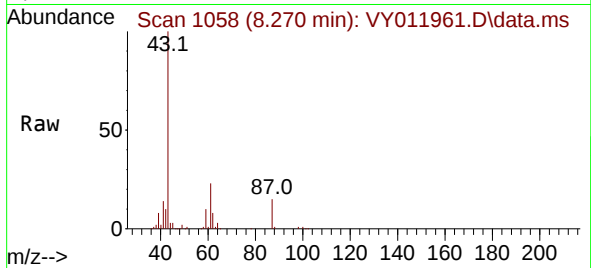
Tgt Ion: 62 Resp: 118297
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.096 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

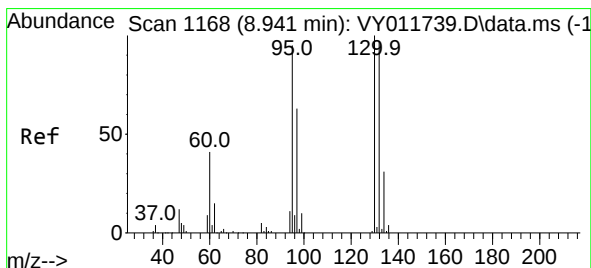
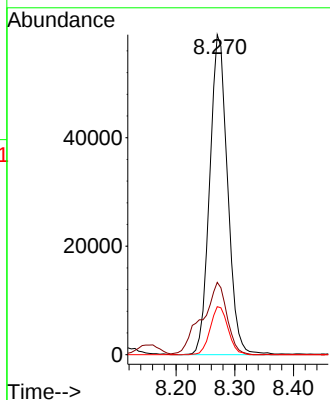
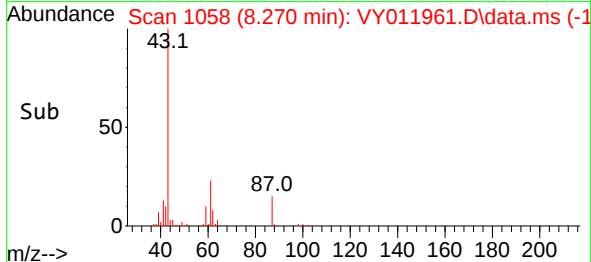
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 124329
Ion Ratio Lower Upper
43 100
61 31.6 24.4 36.6
87 14.9 11.4 17.2

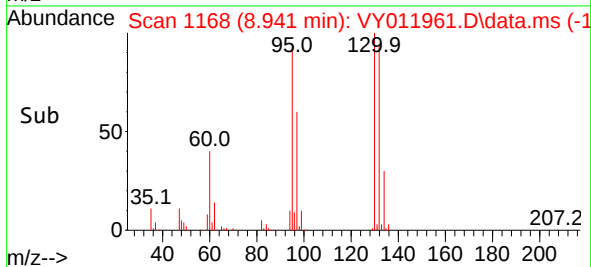
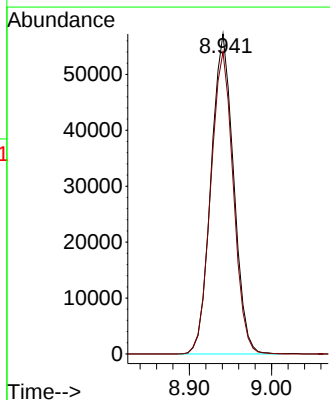
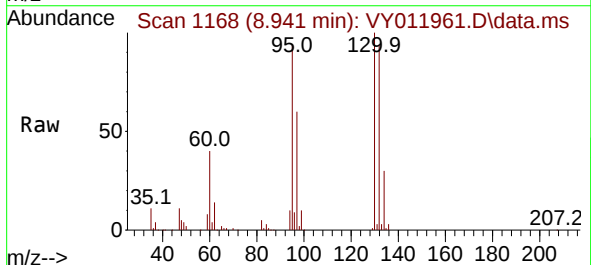
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 44.565 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion:130 Resp: 108881
Ion Ratio Lower Upper
130 100
95 94.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 46.018 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9216

Ion Ratio Lower Upper

63 100

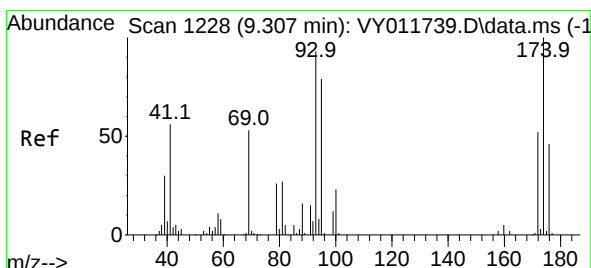
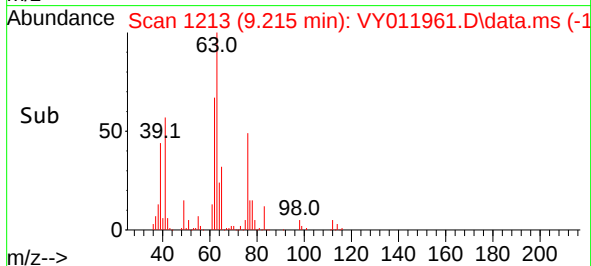
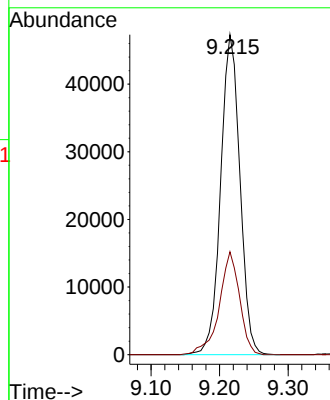
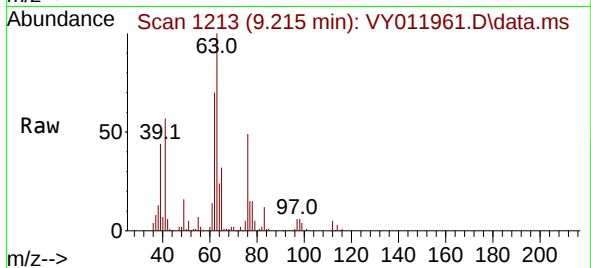
65 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 48.052 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

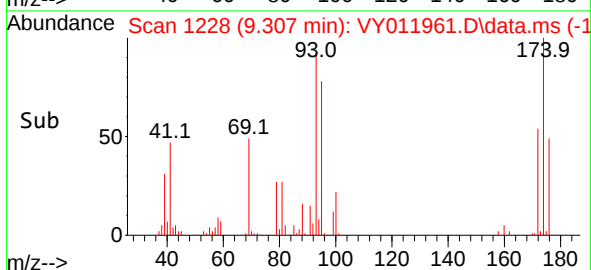
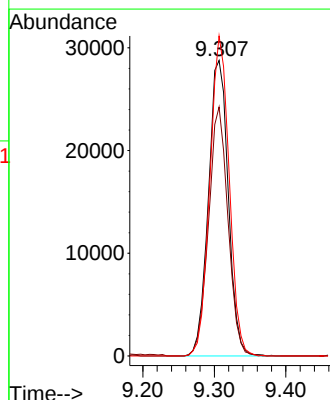
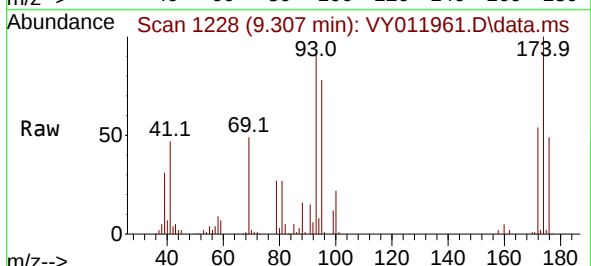
Tgt Ion: 93 Resp: 55433

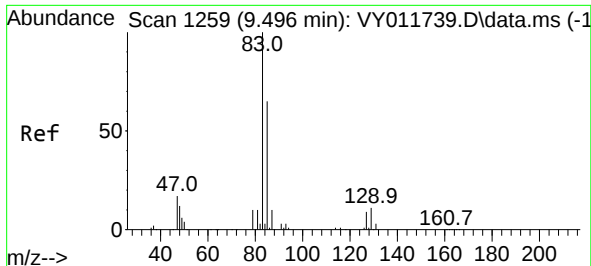
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 105.7 84.7 127.1





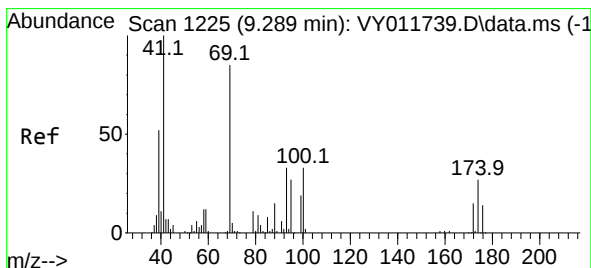
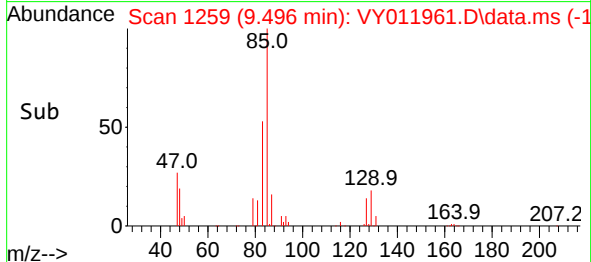
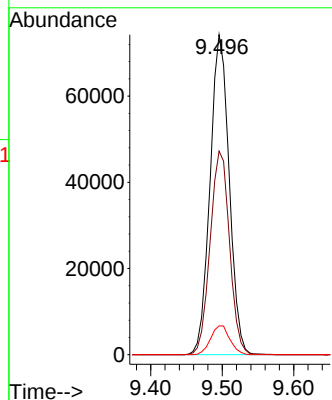
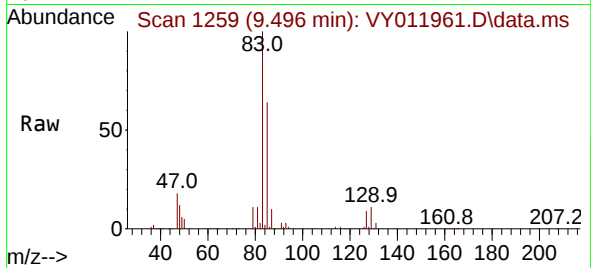
#47
Bromodichloromethane
Concen: 47.027 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 137634
Ion Ratio Lower Upper
83 100
85 63.6 52.0 78.0
127 9.0 7.3 10.9

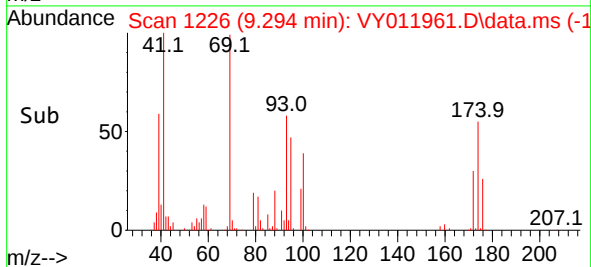
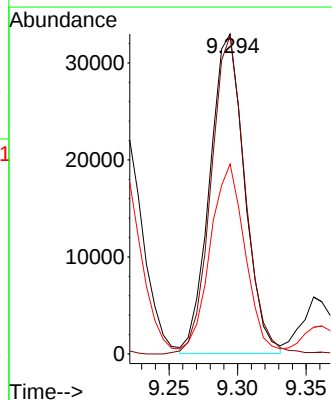
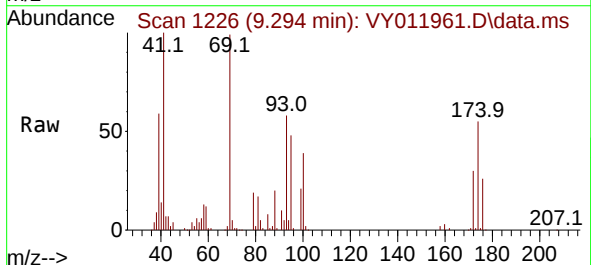
Manual Integrations
APPROVED

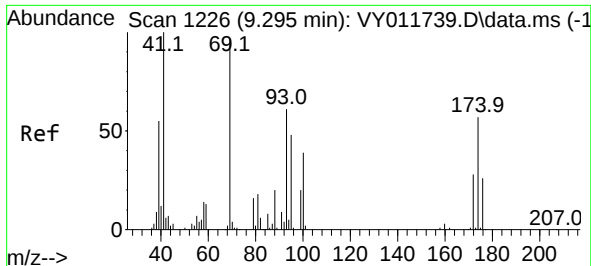
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#48
Methyl methacrylate
Concen: 50.635 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion: 41 Resp: 58186
Ion Ratio Lower Upper
41 100
69 97.9 74.2 111.2
39 56.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1116.065 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

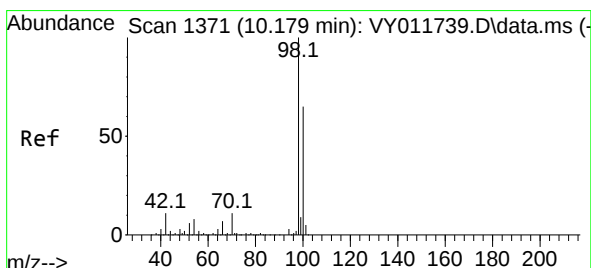
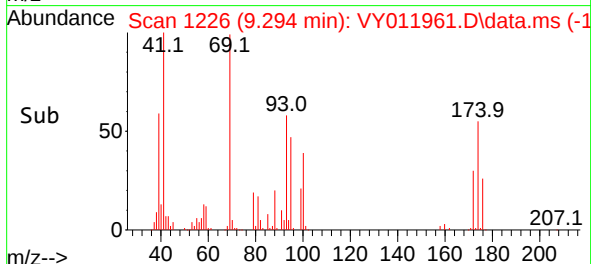
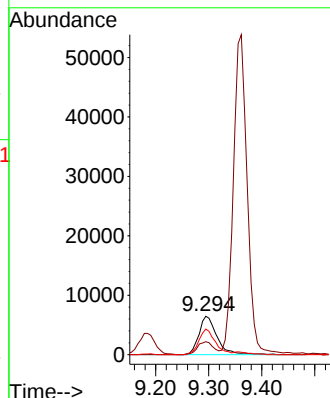
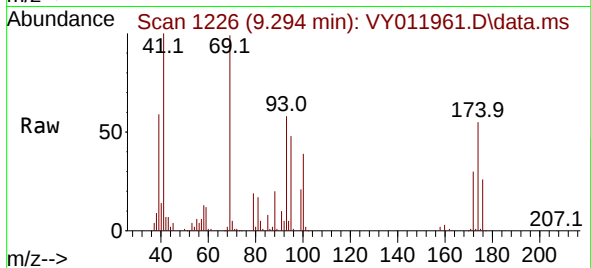
Tgt Ion:	88	Resp:	1537
Ion Ratio	Lower	Upper	
88	100		
43	29.6	26.2	39.2
58	60.0	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 52.646 ug/l

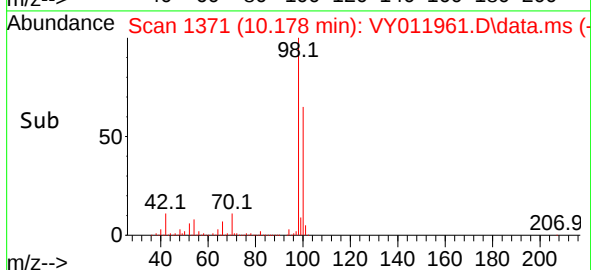
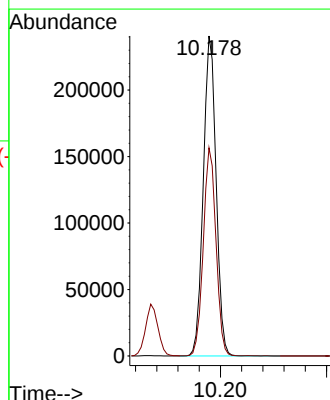
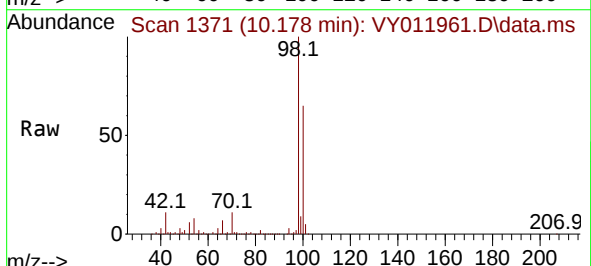
RT: 10.178 min Scan# 1371

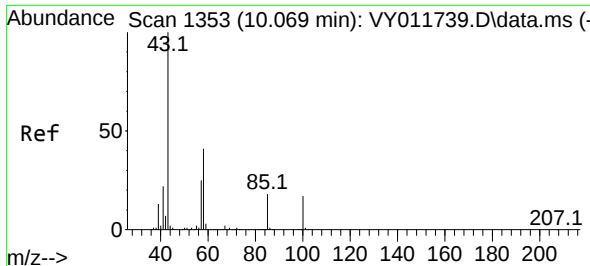
Delta R.T. -0.001 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

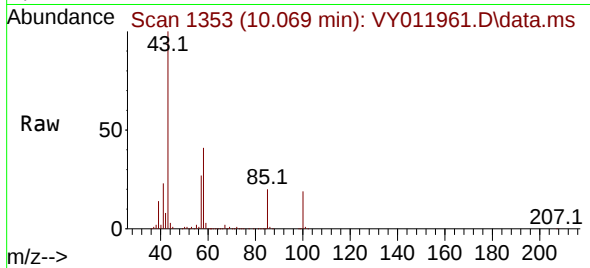
Tgt Ion:	98	Resp:	403330
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 263.077 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

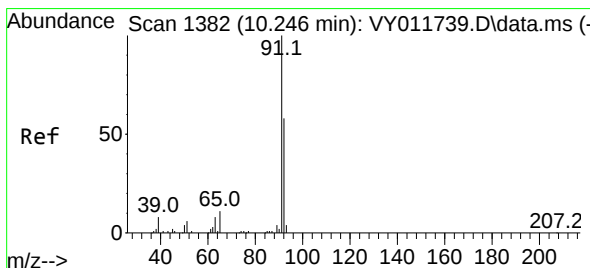
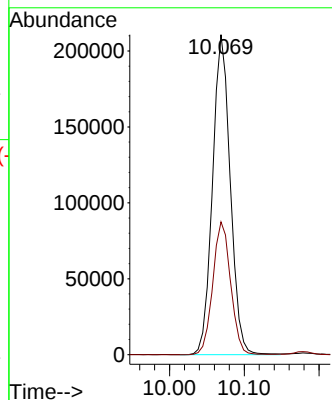
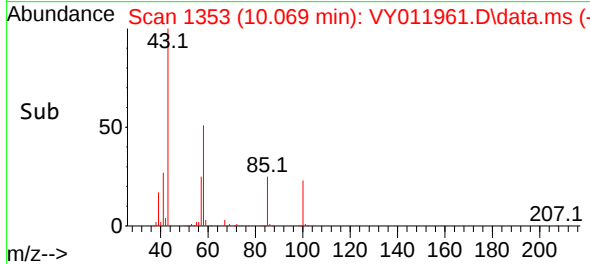
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 348148
Ion Ratio Lower Upper
43 100
58 41.8 32.9 49.3

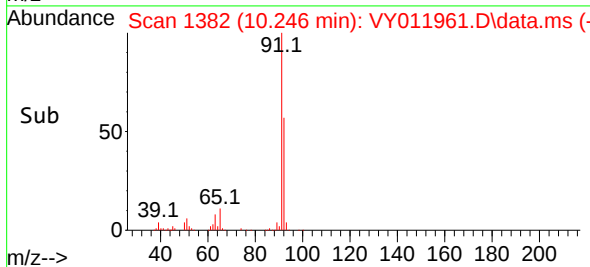
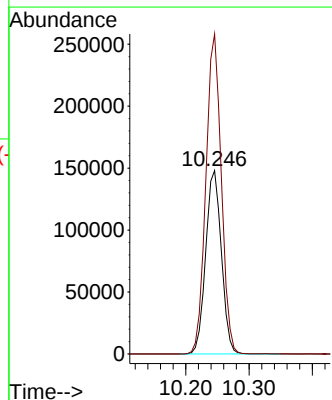
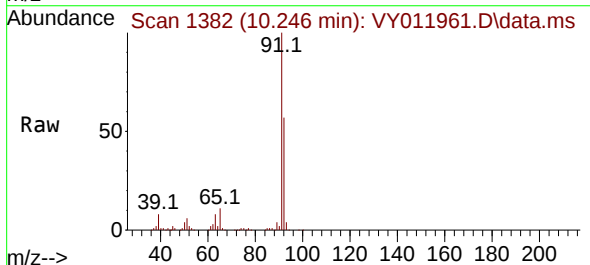
Manual Integrations
APPROVED

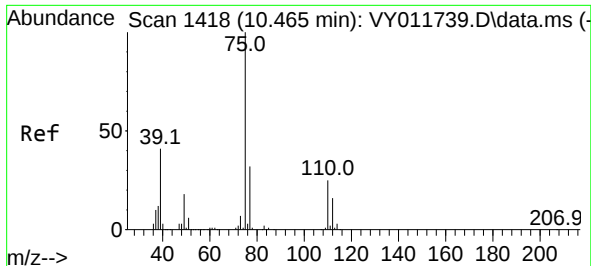
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 46.222 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

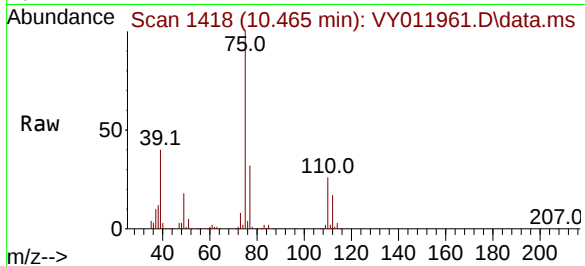
Tgt Ion: 92 Resp: 255262
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 47.738 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

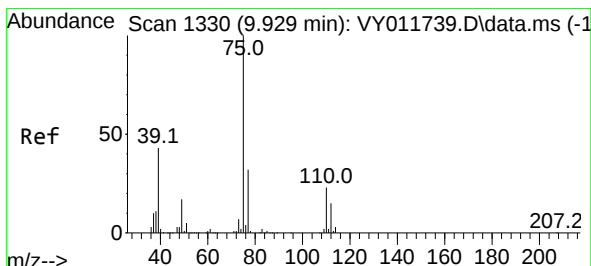
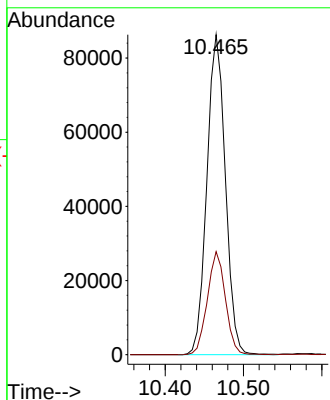
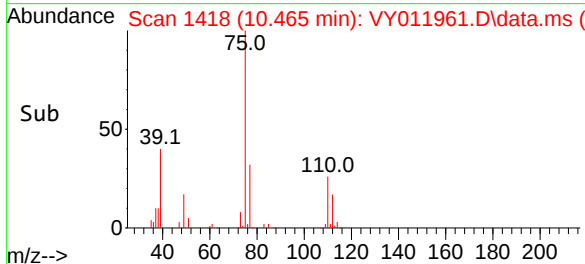
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



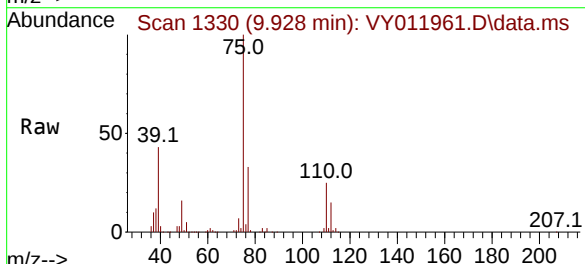
Tgt Ion: 75 Resp: 141175
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8

Manual Integrations
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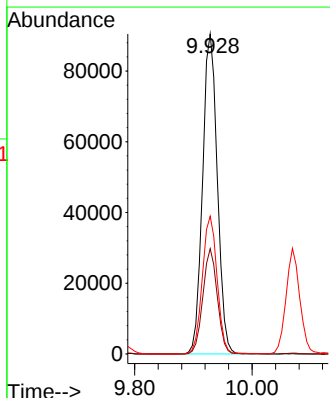
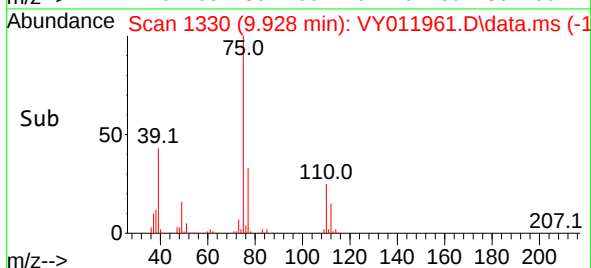
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

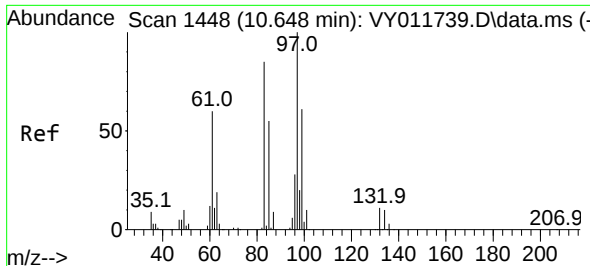


#54
cis-1,3-Dichloropropene
Concen: 47.387 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



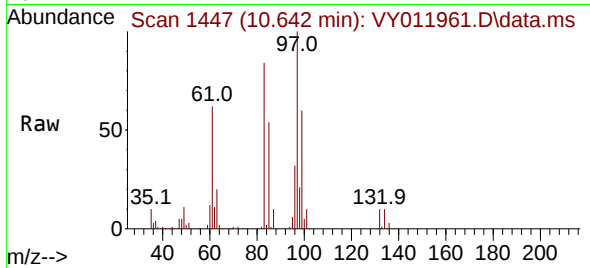
Tgt Ion: 75 Resp: 157523
Ion Ratio Lower Upper
75 100
77 32.9 25.9 38.9
39 43.0 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 47.838 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

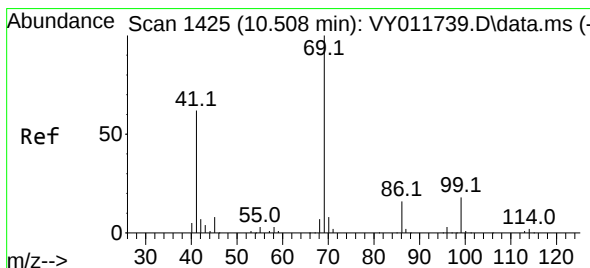
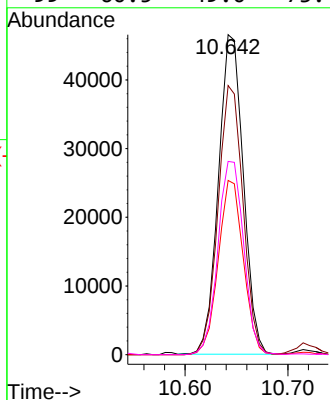
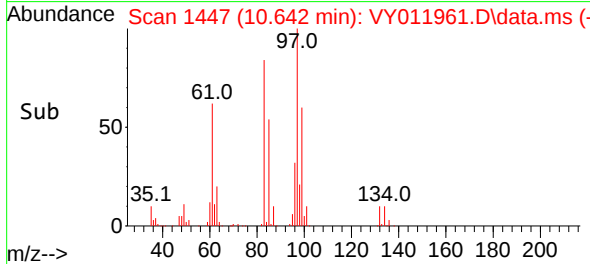
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	7831
Ion Ratio	100	Lower	Upper
83	84.2	67.7	101.5
85	54.6	43.8	65.8
99	60.5	49.0	73.4

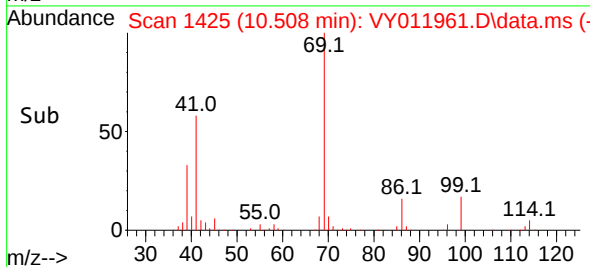
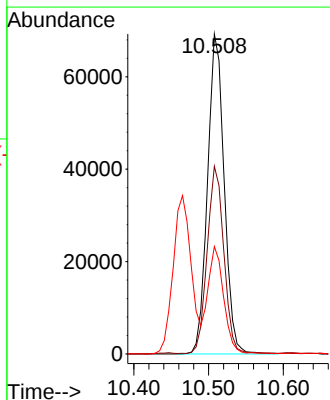
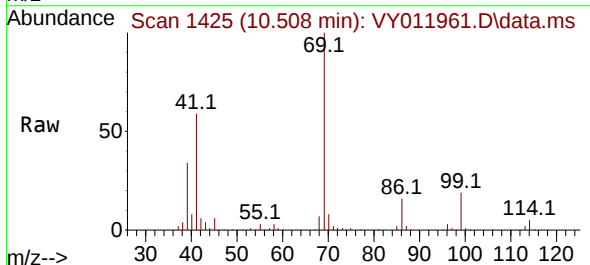
Manual Integrations
APPROVED

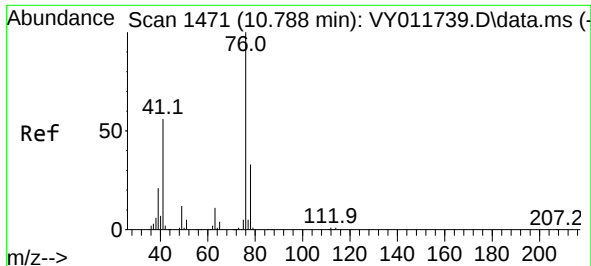
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#56
Ethyl methacrylate
Concen: 51.691 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion:	69	Resp:	107139
Ion Ratio	100	Lower	Upper
41	58.4	48.9	73.3
39	31.8	25.9	38.9





#57

1,3-Dichloropropane

Concen: 48.747 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 133172

Ion Ratio Lower Upper

76 100

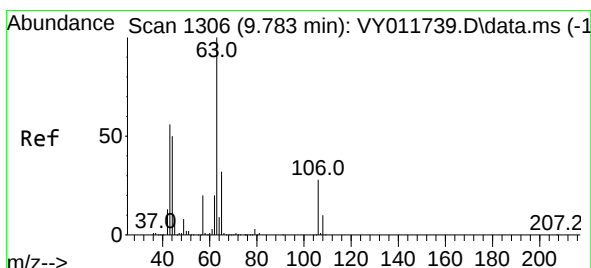
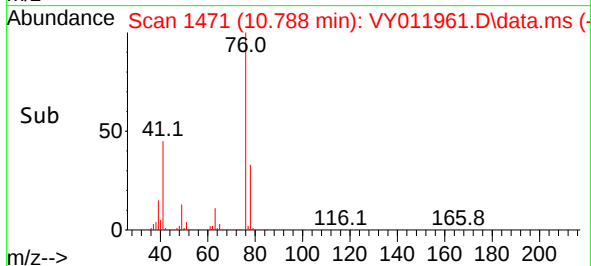
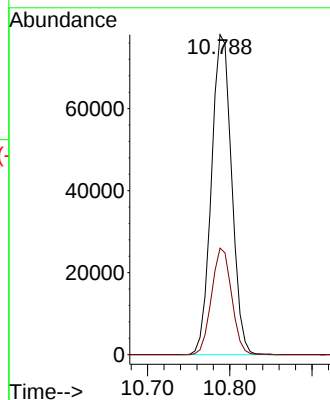
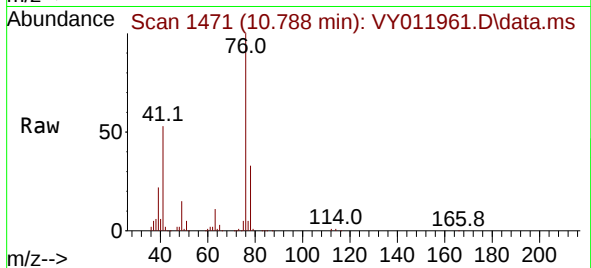
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 272.690 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011961.D

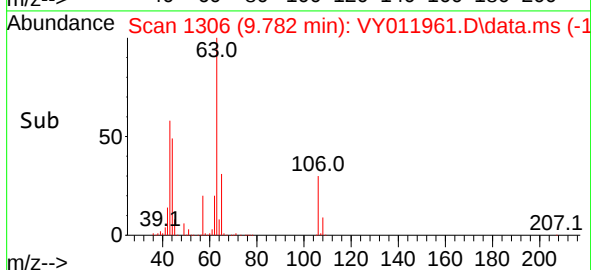
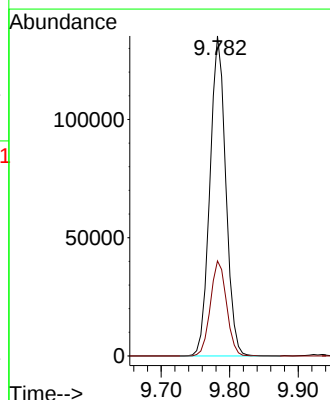
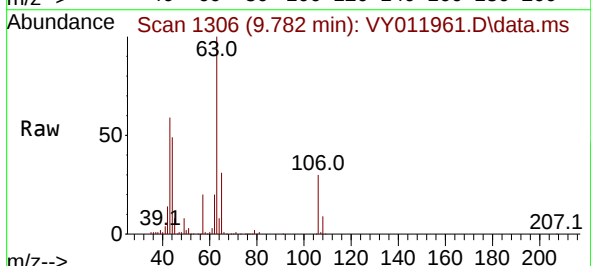
Acq: 21 Dec 2022 20:51

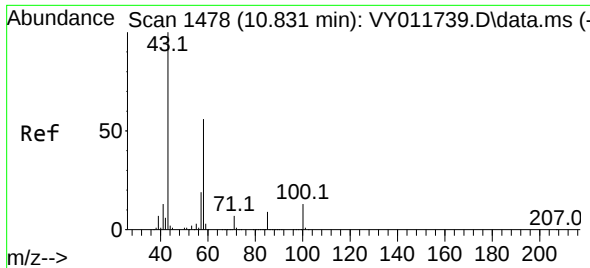
Tgt Ion: 63 Resp: 218097

Ion Ratio Lower Upper

63 100

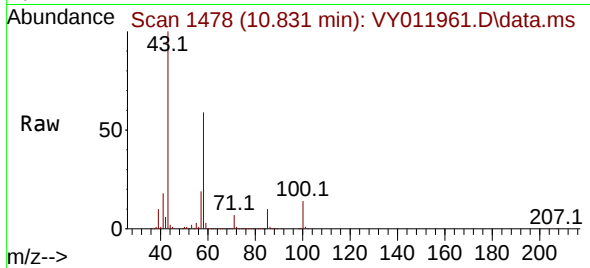
106 30.1 23.2 34.8





#59
2-Hexanone
Concen: 253.326 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

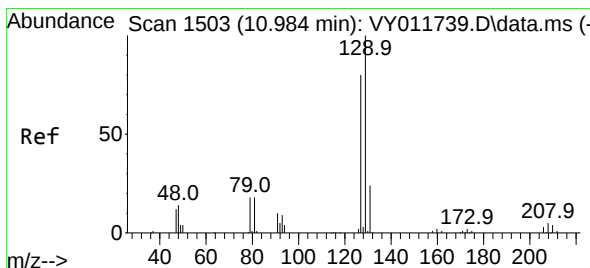
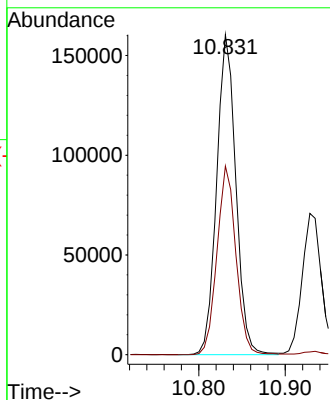
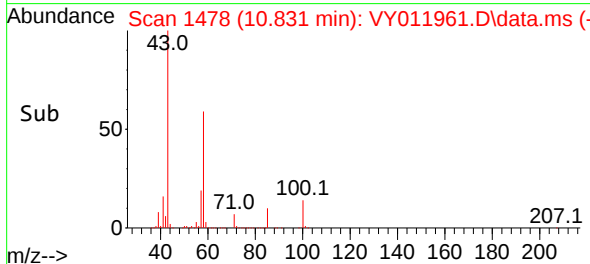
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24663
Ion Ratio Lower Upper
43 100
58 58.3 28.4 85.2

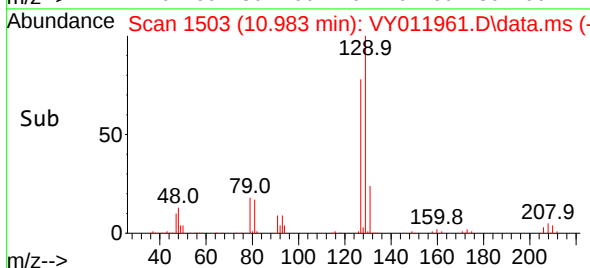
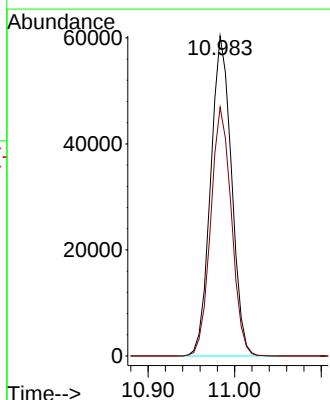
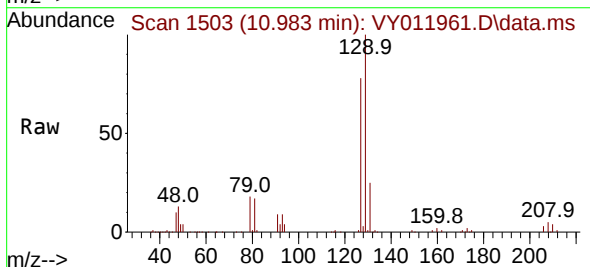
Manual Integrations
APPROVED

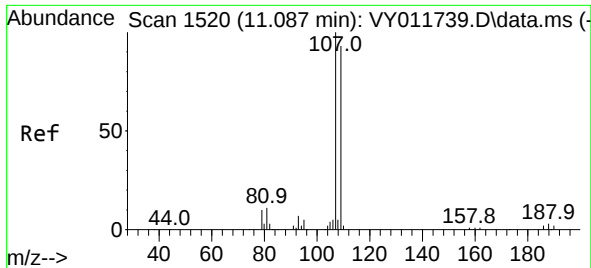
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#60
Dibromochloromethane
Concen: 49.016 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion:129 Resp: 101085
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





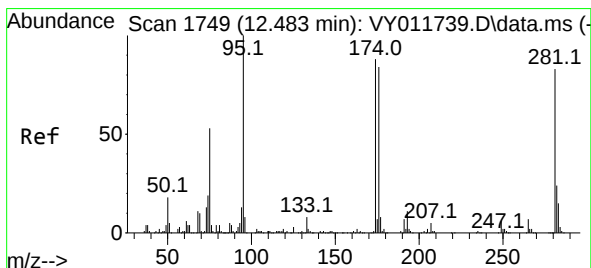
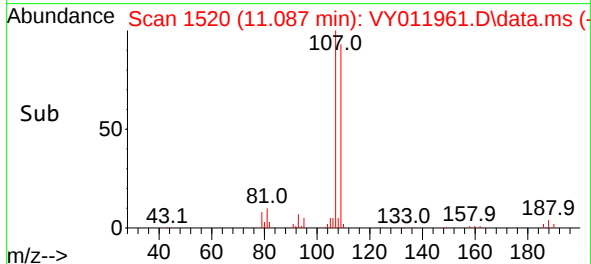
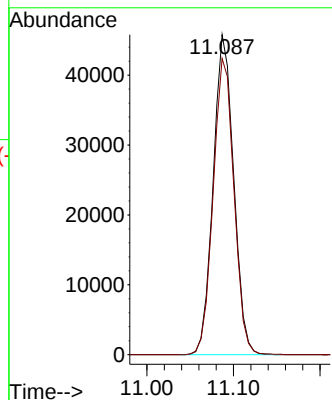
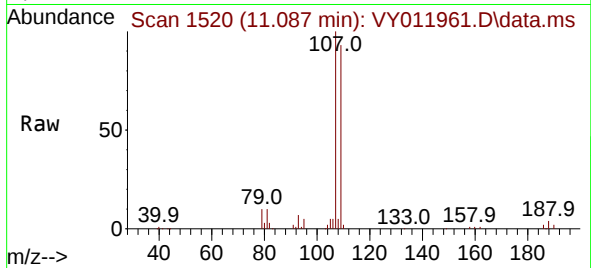
#61
1,2-Dibromoethane
Concen: 49.082 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 75173
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6

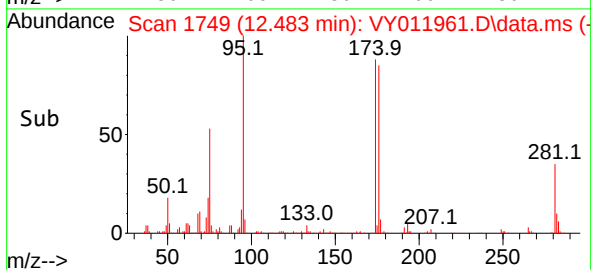
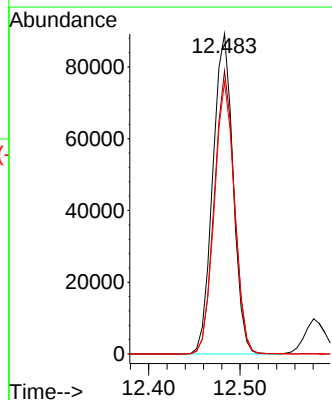
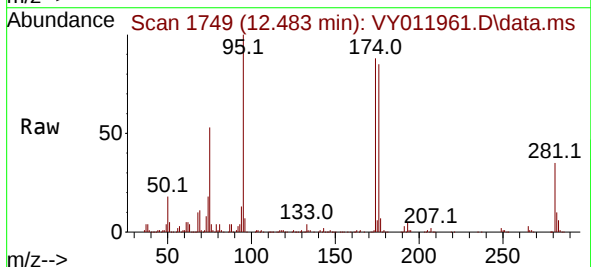
Manual Integrations
APPROVED

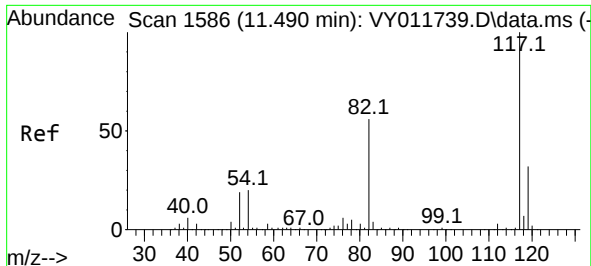
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#62
4-Bromofluorobenzene
Concen: 53.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

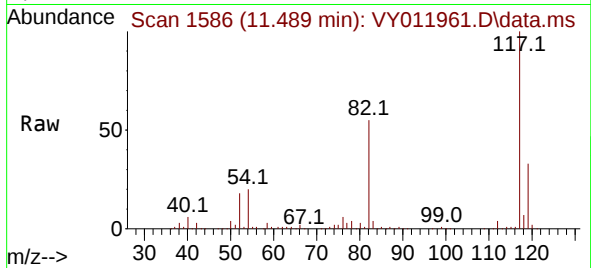
Tgt Ion: 95 Resp: 137547
Ion Ratio Lower Upper
95 100
174 87.5 0.0 172.0
176 84.4 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

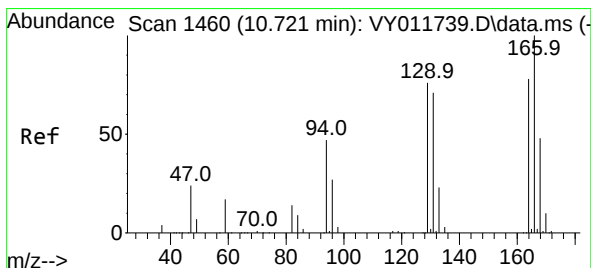
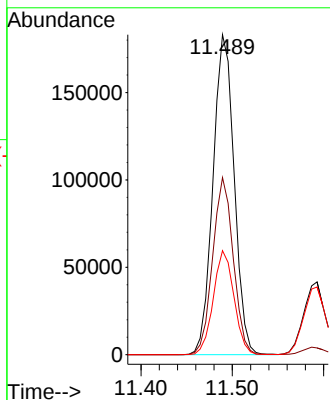
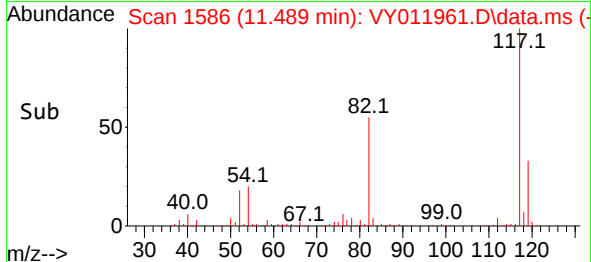
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



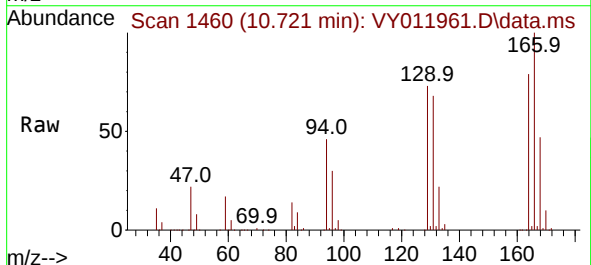
Tgt Ion:117 Resp: 29444
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.5 25.4 38.2

Manual Integrations
APPROVED

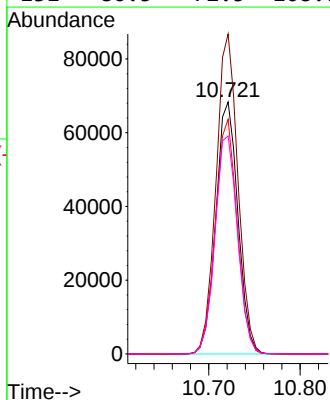
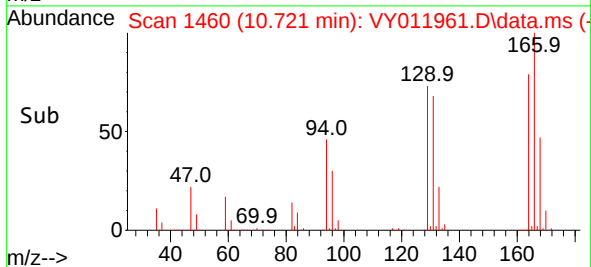
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

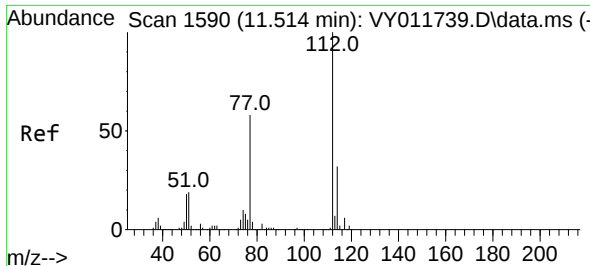


#64
Tetrachloroethene
Concen: 44.495 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



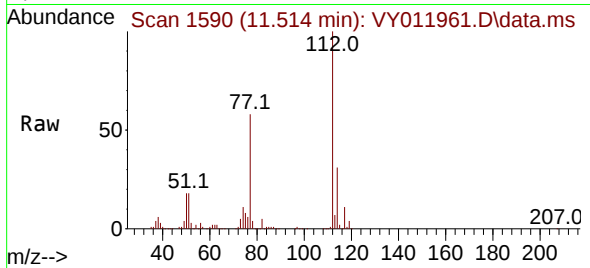
Tgt Ion:164 Resp: 114675
Ion Ratio Lower Upper
164 100
166 127.0 102.3 153.5
129 93.2 77.2 115.8
131 86.5 72.5 108.7





#65
Chlorobenzene
Concen: 44.622 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

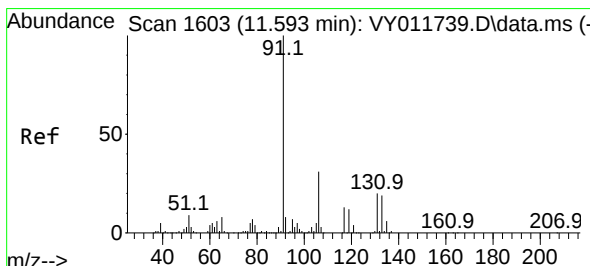
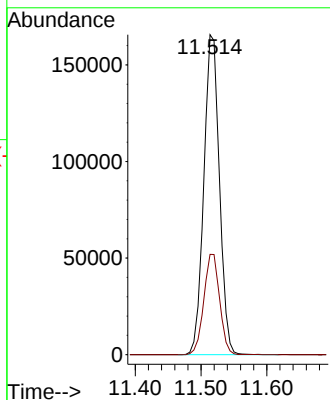
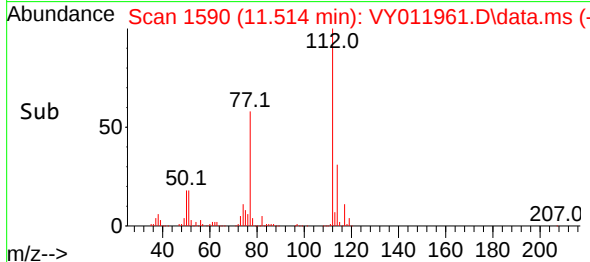
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



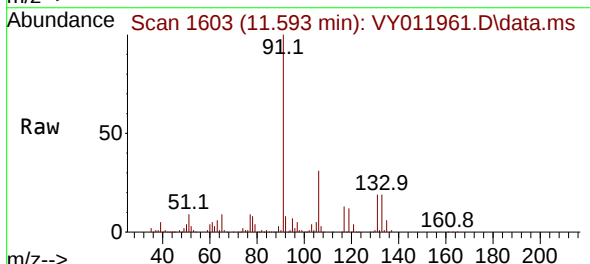
Tgt Ion:112 Resp: 272804
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

Manual Integrations
APPROVED

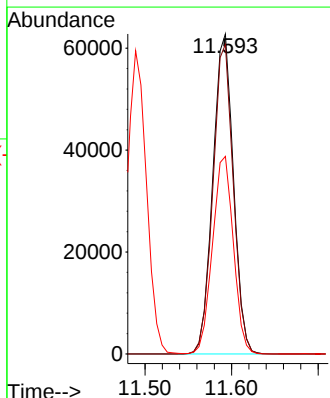
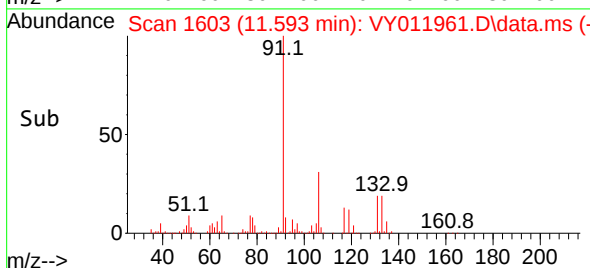
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

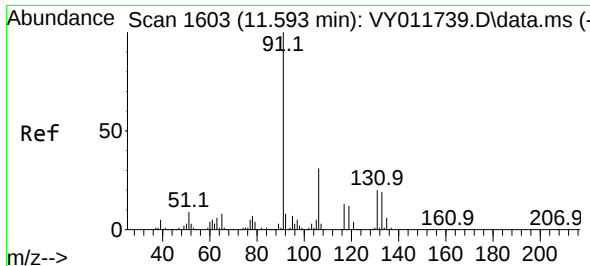


#66
1,1,1,2-Tetrachloroethane
Concen: 45.521 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



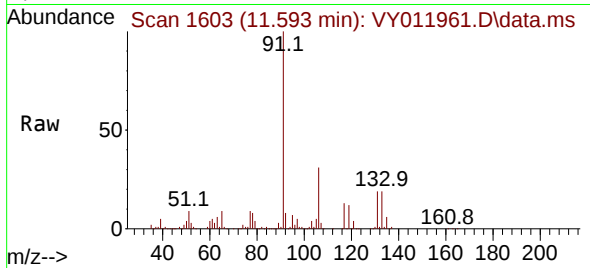
Tgt Ion:131 Resp: 103544
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 62.6 32.1 96.3





#67
Ethyl Benzene
Concen: 44.038 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

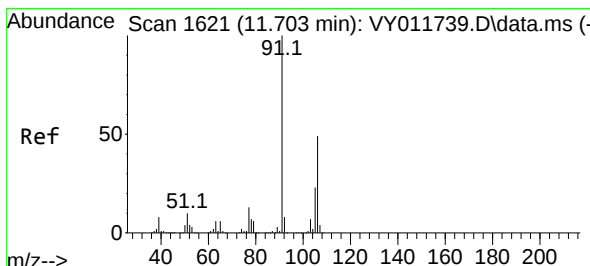
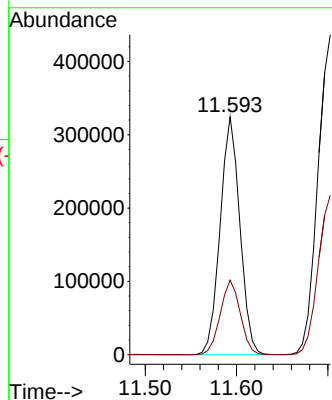
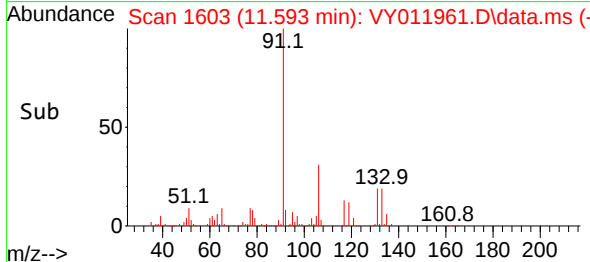
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



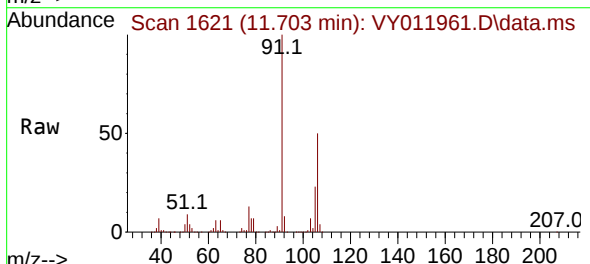
Tgt Ion: 91 Resp: 486668
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

Manual Integrations
APPROVED

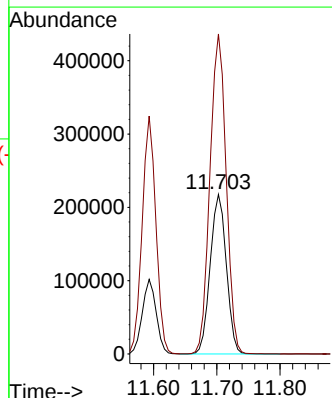
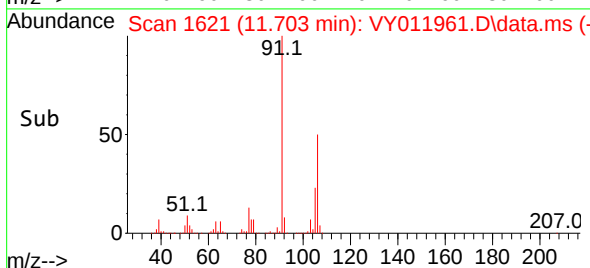
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

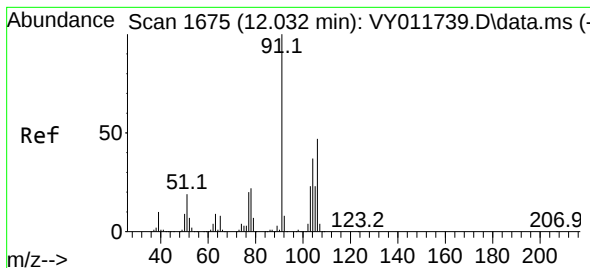


#68
m/p-Xylenes
Concen: 89.650 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



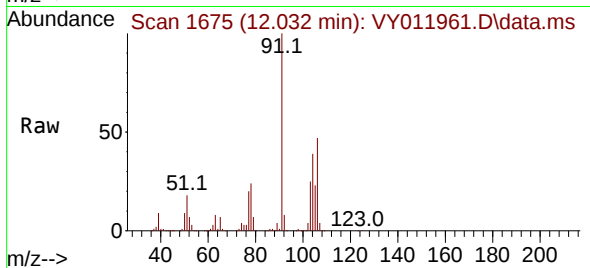
Tgt Ion:106 Resp: 385302
Ion Ratio Lower Upper
106 100
91 201.8 162.5 243.7





#69
o-Xylene
Concen: 45.634 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

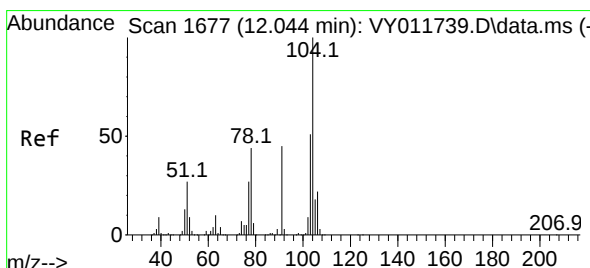
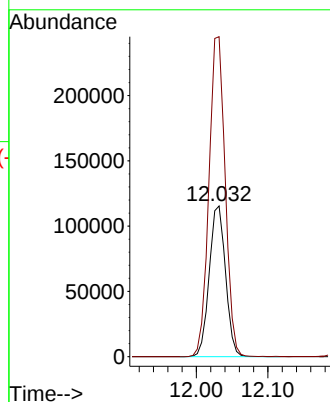
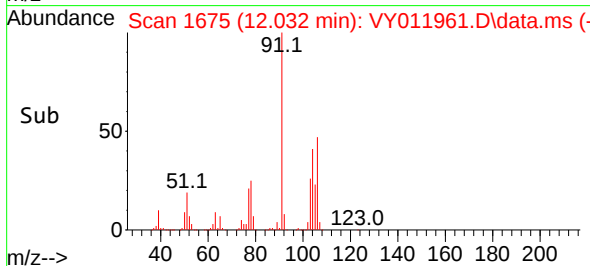
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 182480
Ion Ratio Lower Upper
106 100
91 212.2 107.5 322.4

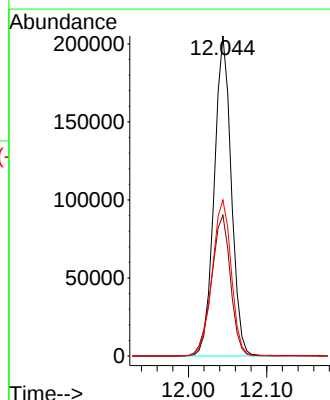
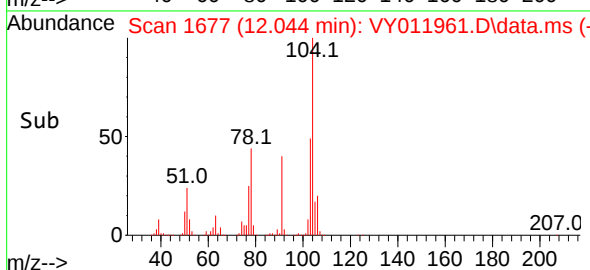
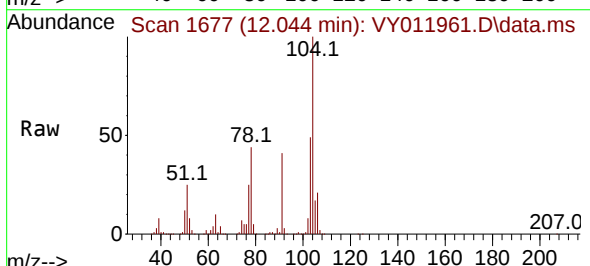
Manual Integrations
APPROVED

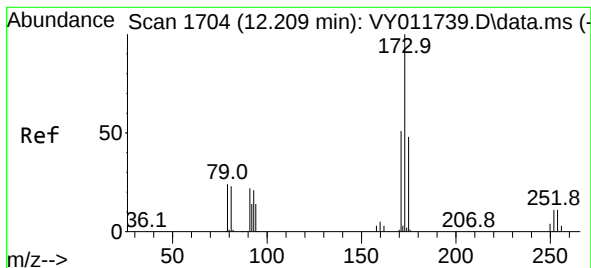
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 46.263 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion:104 Resp: 310630
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.0
103 54.3 43.0 64.4





#71

Bromoform

Concen: 48.520 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

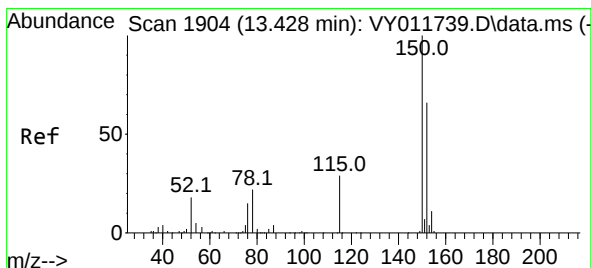
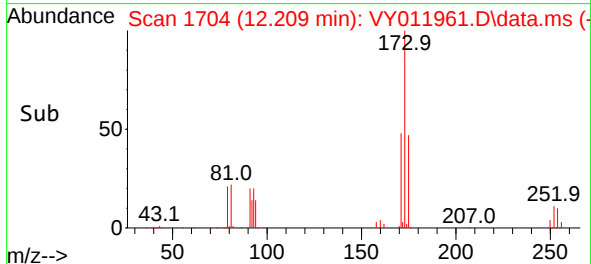
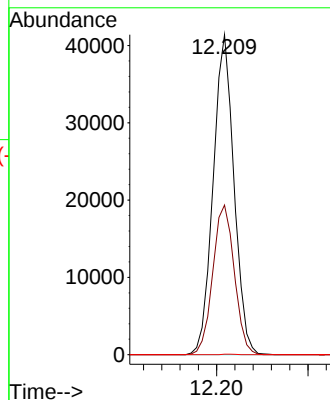
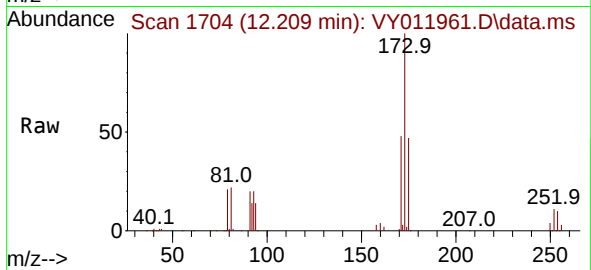
VSTDCCC050EC

Tgt Ion:173 Resp: 65398
 Ion Ratio Lower Upper
 173 100
 175 48.4 23.8 71.5
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

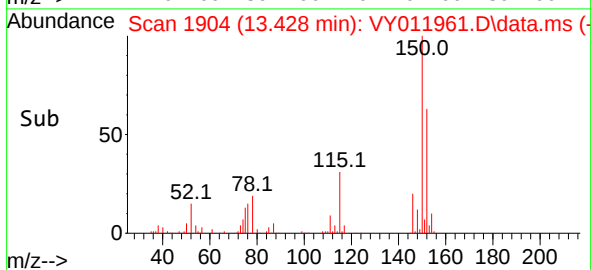
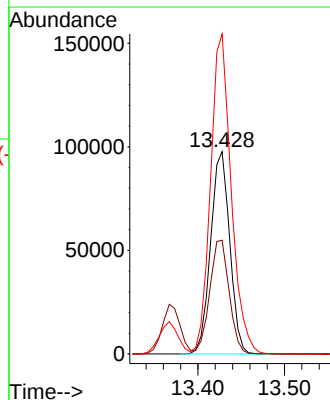
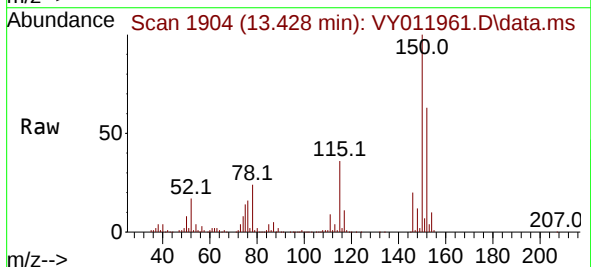
RT: 13.428 min Scan# 1904

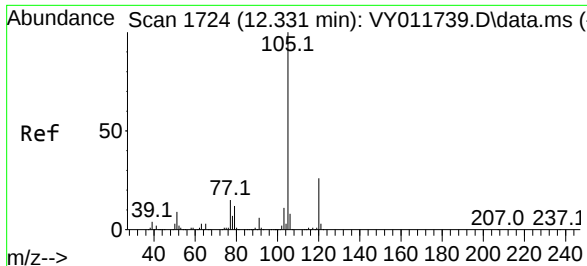
Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

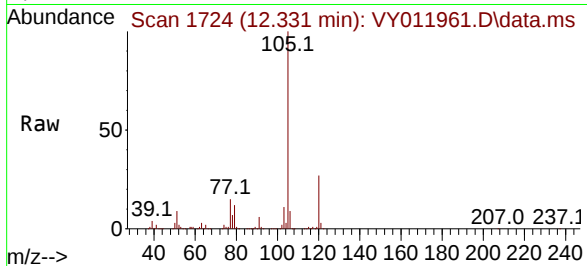
Tgt Ion:152 Resp: 149790
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.3
 150 170.7 0.0 342.6





#73
Isopropylbenzene
Concen: 43.256 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

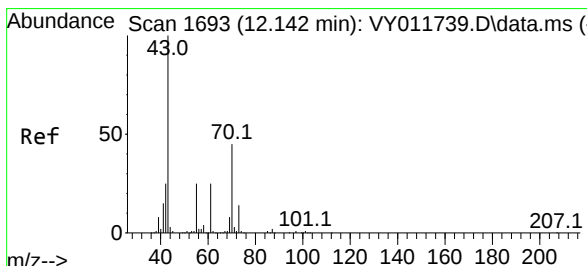
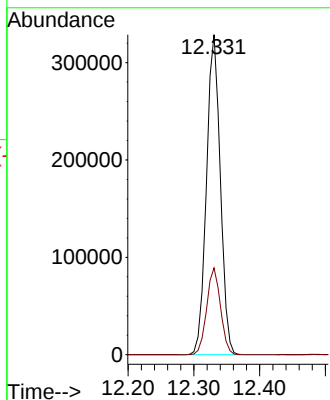
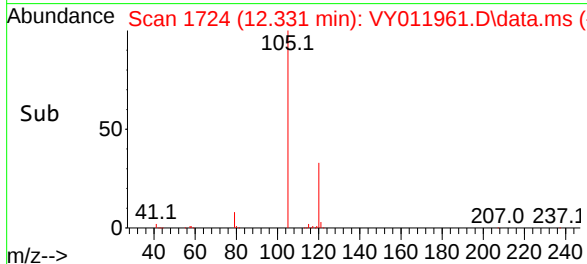
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



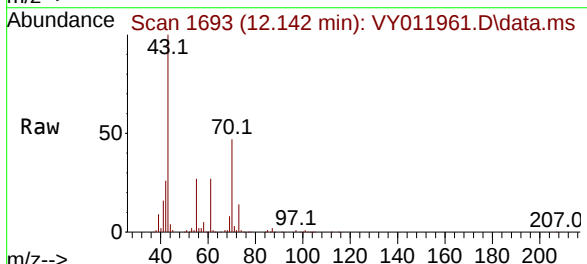
Tgt Ion:105 Resp: 480808
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6

Manual Integrations
APPROVED

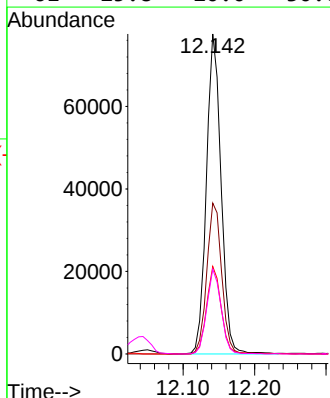
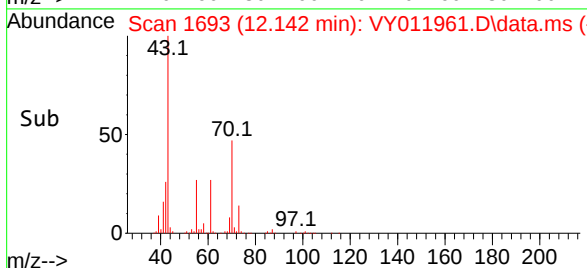
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

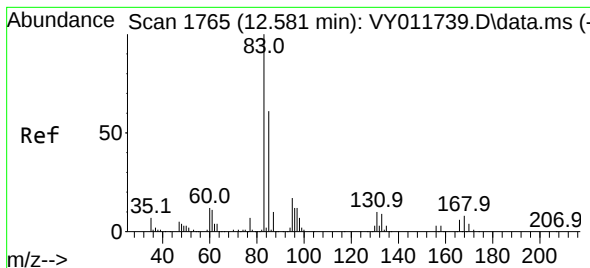


#74
N-ethyl acetate
Concen: 48.561 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



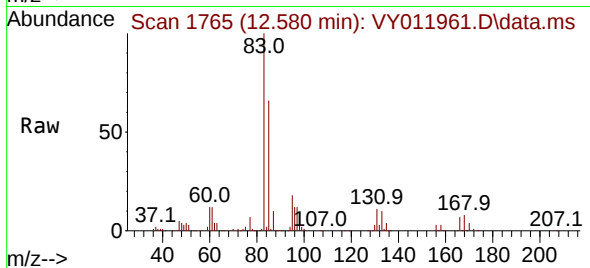
Tgt Ion: 43 Resp: 110661
Ion Ratio Lower Upper
43 100
70 48.0 35.8 53.8
55 27.1 21.0 31.4
61 25.8 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.071 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

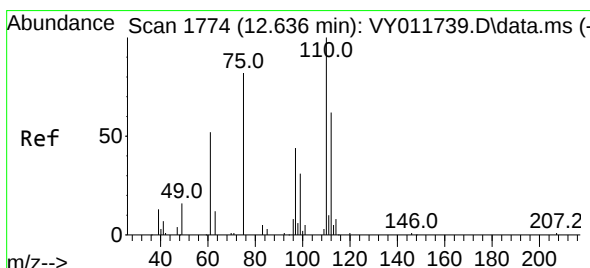
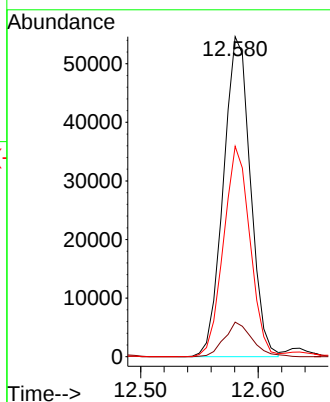
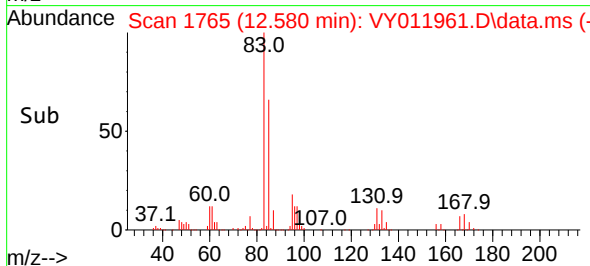
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



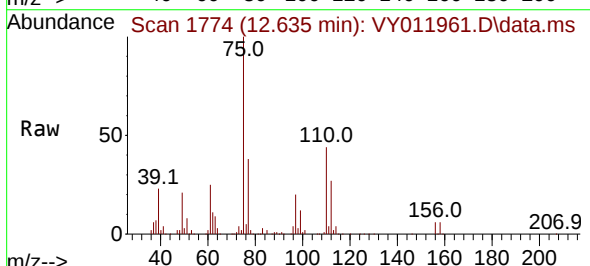
Tgt Ion: 83 Resp: 87285
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 64.5 32.3 96.8

Manual Integrations
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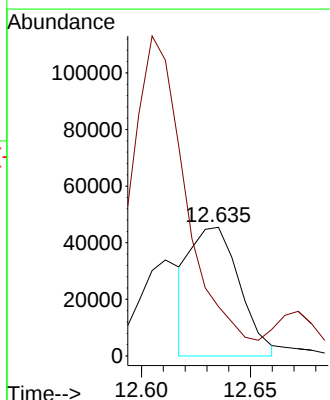
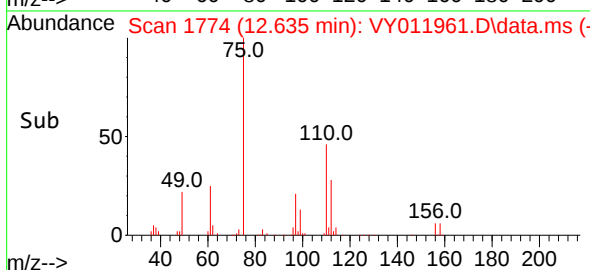
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

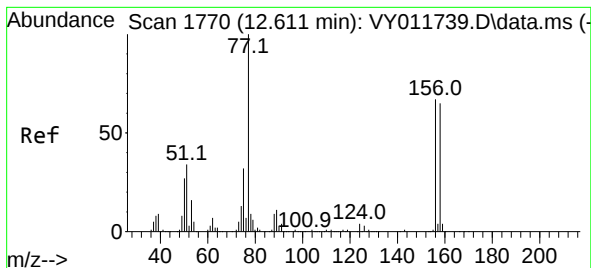


#76
1,2,3-Trichloropropane
Concen: 38.135 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



Tgt Ion: 75 Resp: 71079
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.695 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 114934

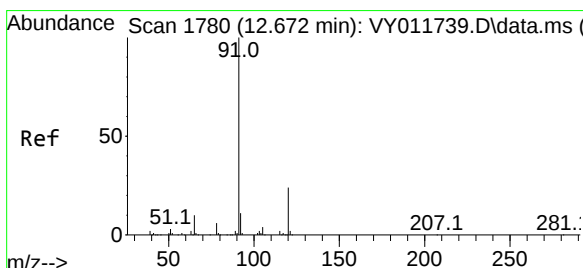
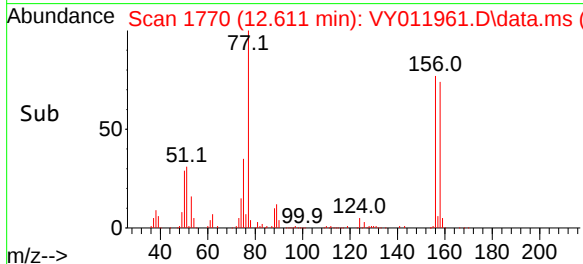
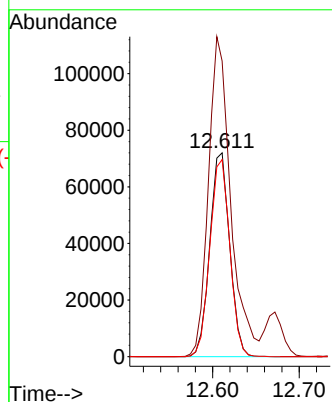
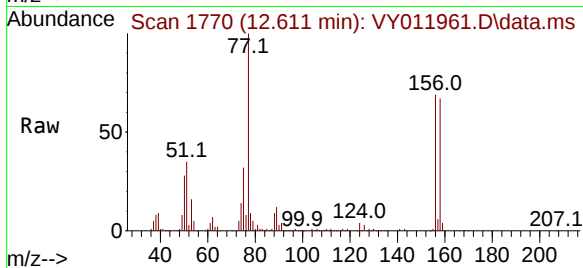
Ion	Ratio	Lower	Upper
156	100		
77	175.8	90.0	270.0
158	97.1	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#78

n-propylbenzene

Concen: 42.916 ug/l

RT: 12.672 min Scan# 1780

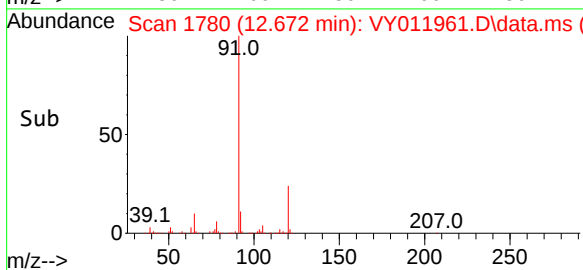
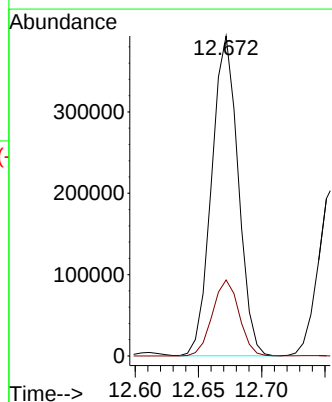
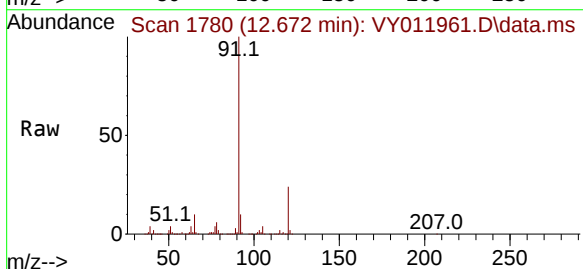
Delta R.T. -0.000 min

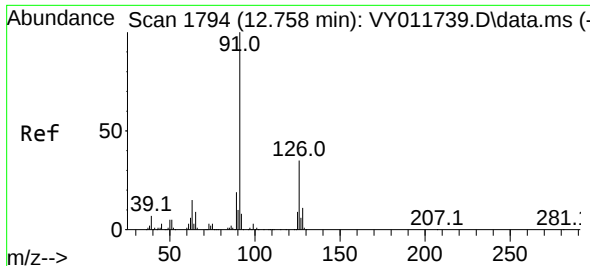
Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Tgt Ion: 91 Resp: 573390

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.4





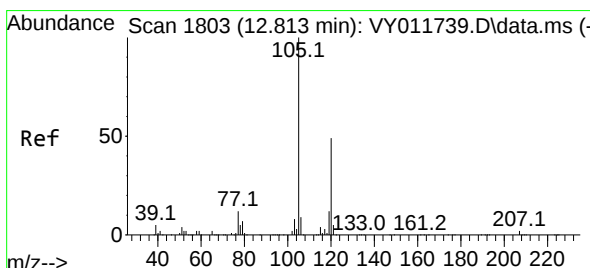
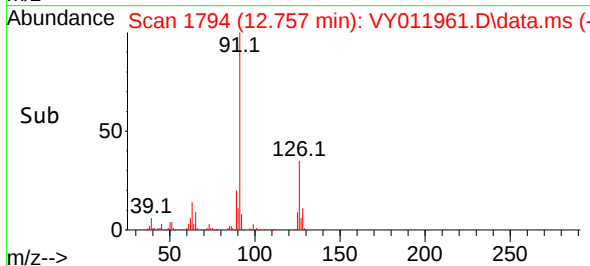
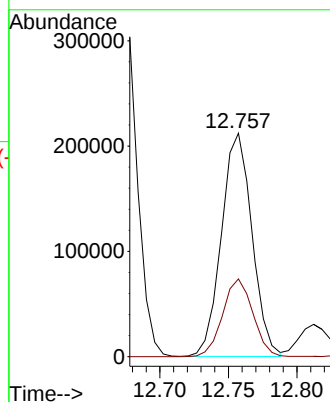
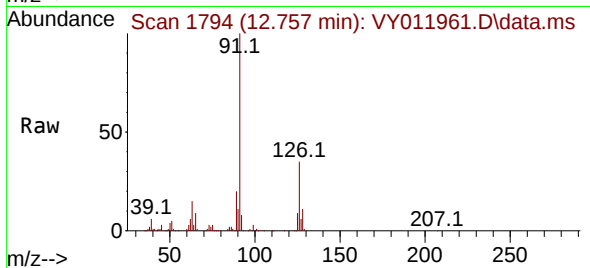
#79
2-Chlorotoluene
Concen: 43.788 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 328859
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

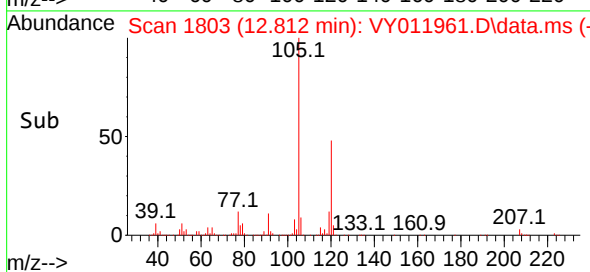
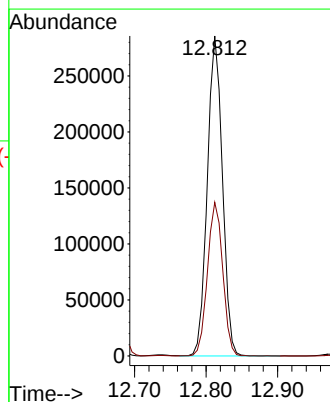
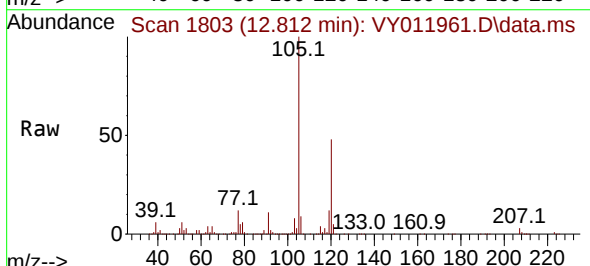
Manual Integrations
APPROVED

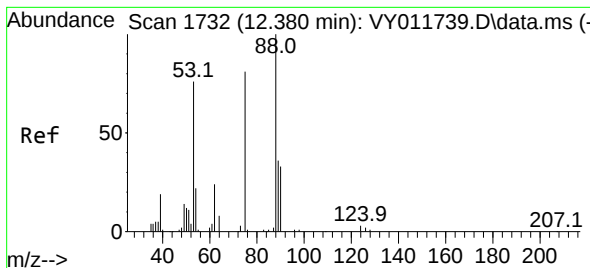
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 44.082 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

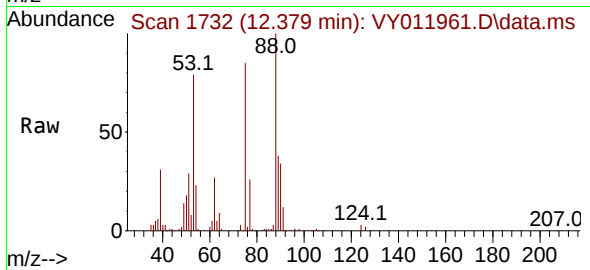
Tgt Ion:105 Resp: 419512
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.347 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

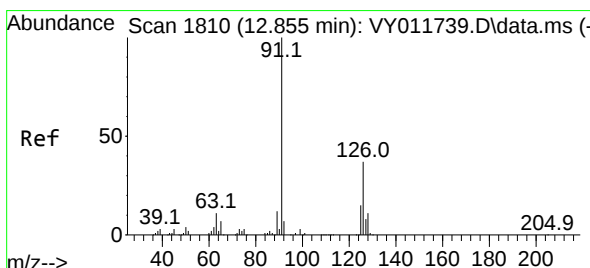
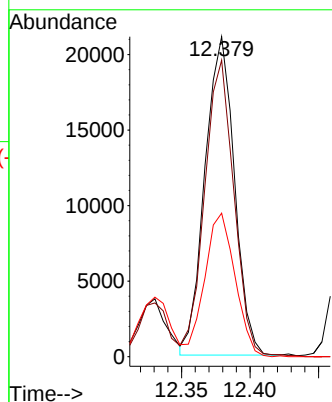
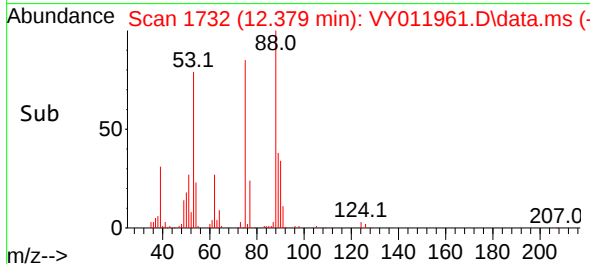
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3154
Ion Ratio Lower Upper
75 100
53 92.8 72.5 108.7
89 46.7 37.0 55.4

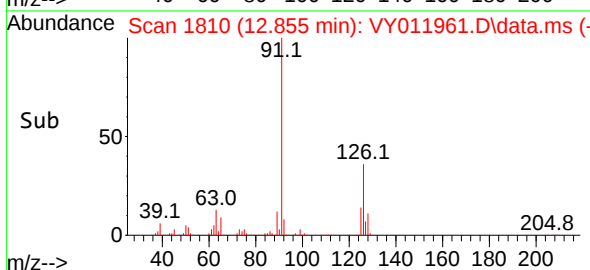
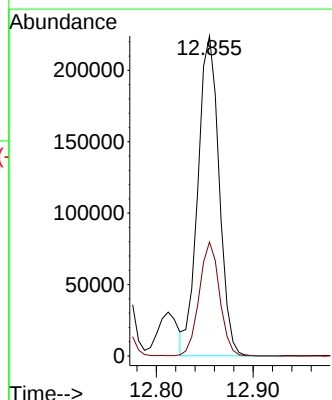
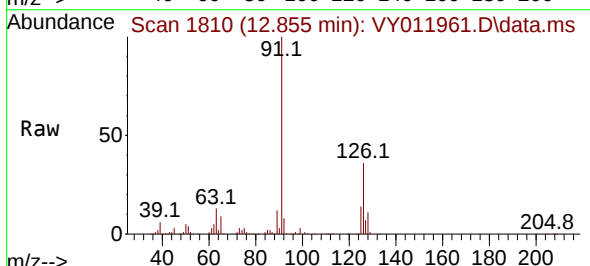
Manual Integrations
APPROVED

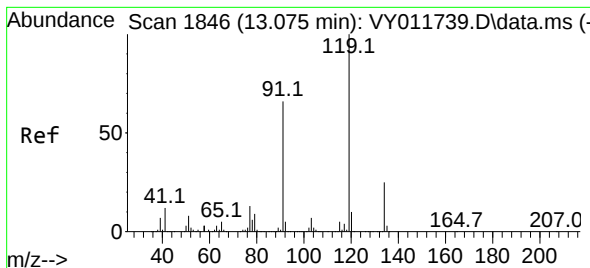
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#82
4-Chlorotoluene
Concen: 43.897 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

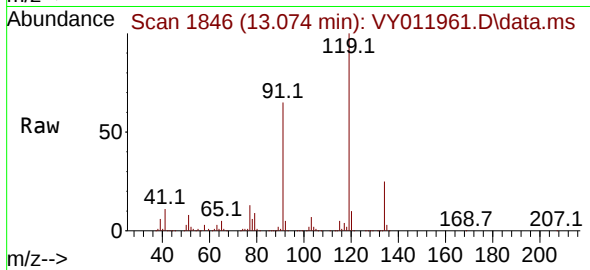
Tgt Ion: 91 Resp: 341111
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83
tert-Butylbenzene
Concen: 43.844 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

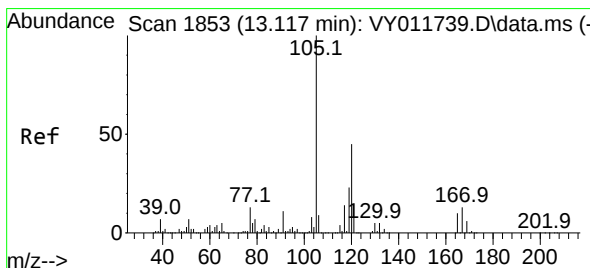
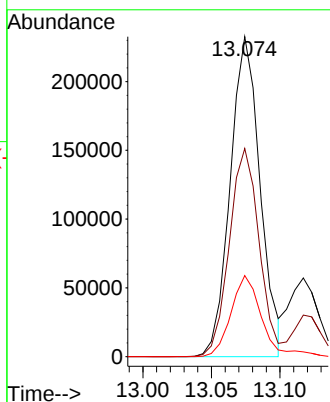
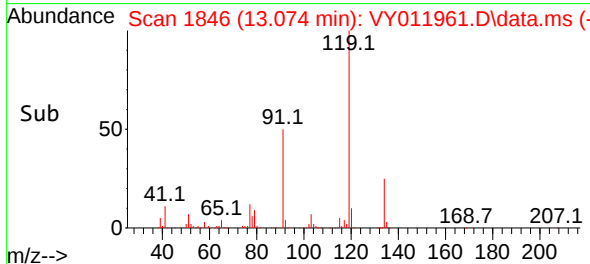
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



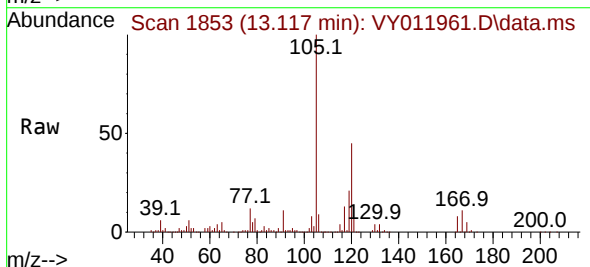
Tgt Ion:119 Resp: 353614
Ion Ratio Lower Upper
119 100
91 64.5 32.3 96.8
134 26.0 13.0 39.0

Manual Integrations
APPROVED

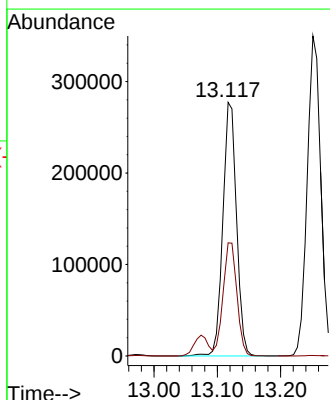
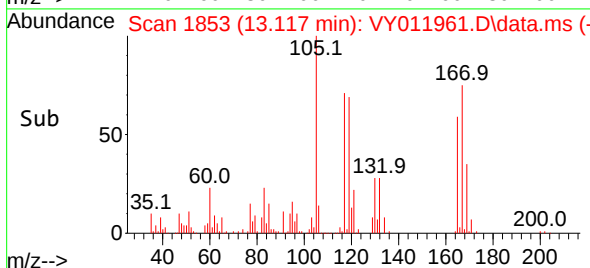
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022

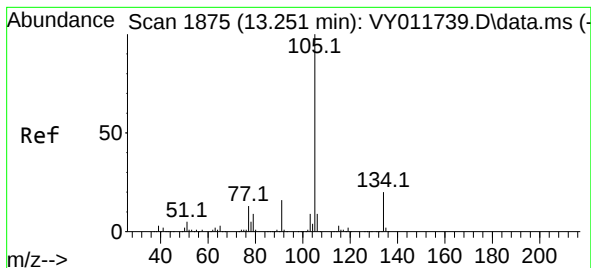


#84
1,2,4-Trimethylbenzene
Concen: 44.237 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



Tgt Ion:105 Resp: 414155
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 43.147 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 51963

Ion Ratio Lower Upper

105 100

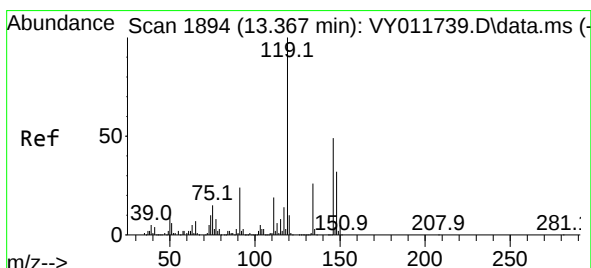
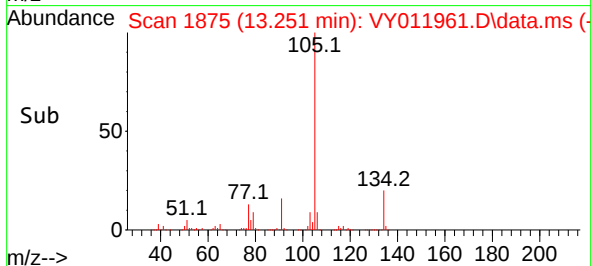
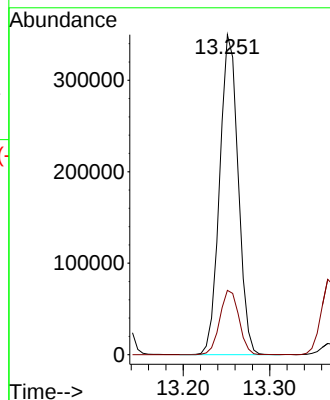
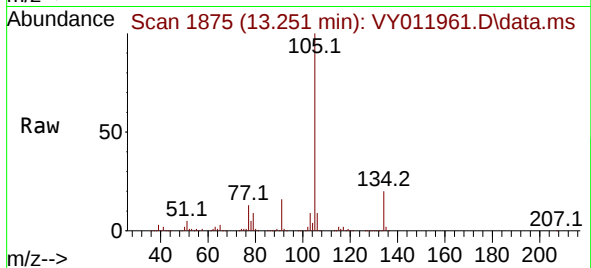
134 20.7 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#86

p-Isopropyltoluene

Concen: 43.995 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

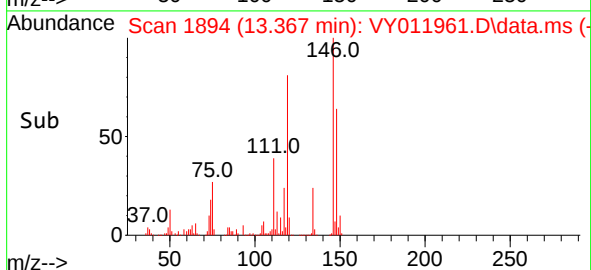
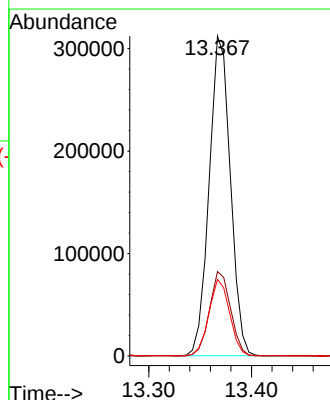
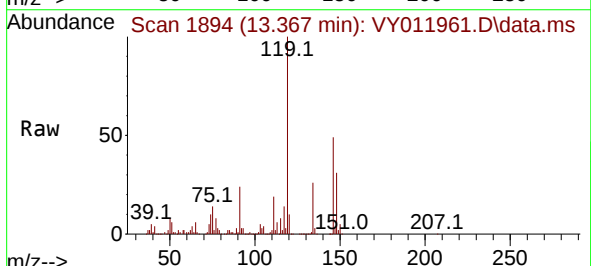
Tgt Ion:119 Resp: 447080

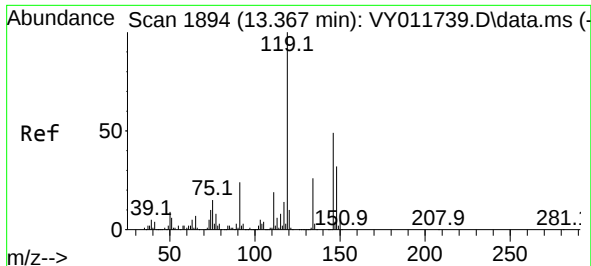
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 43.900 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011961.D

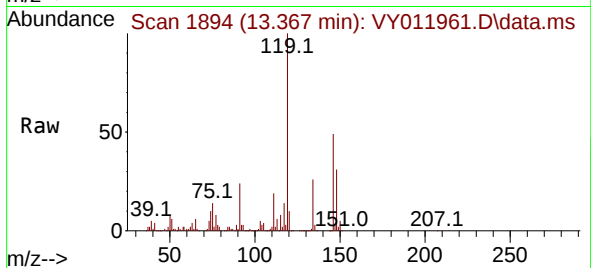
Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 22703

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

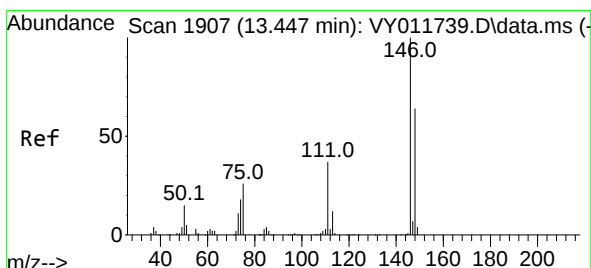
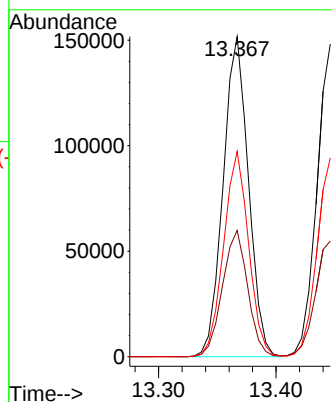
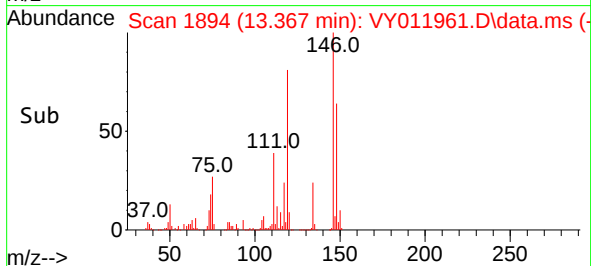
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 43.589 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

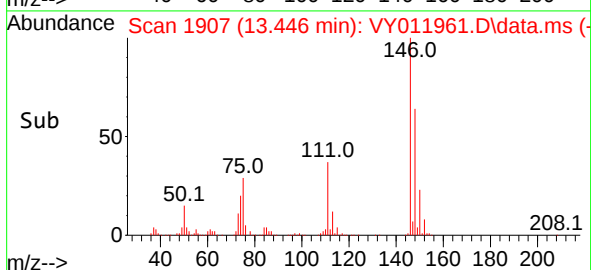
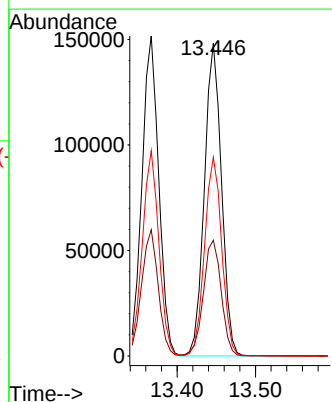
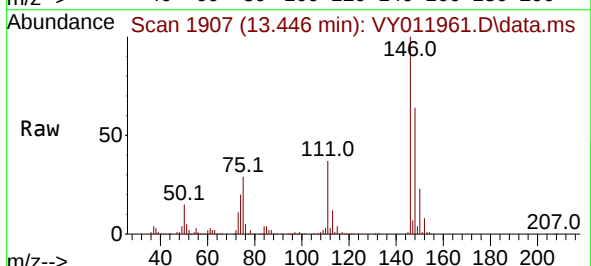
Tgt Ion:146 Resp: 224103

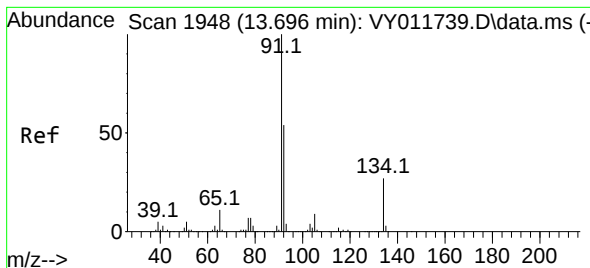
Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

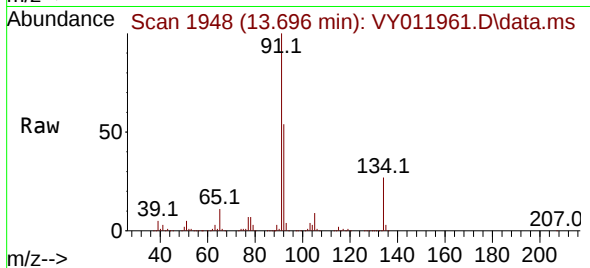
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 43.120 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

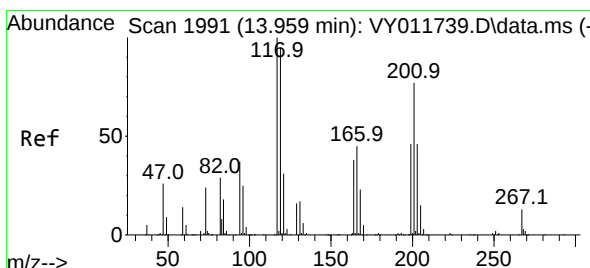
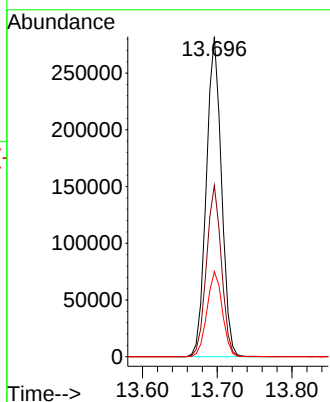
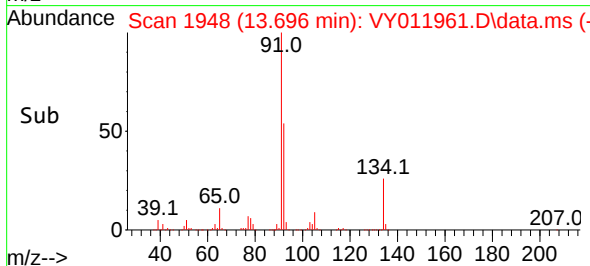
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 396674
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 26.9 13.3 39.8

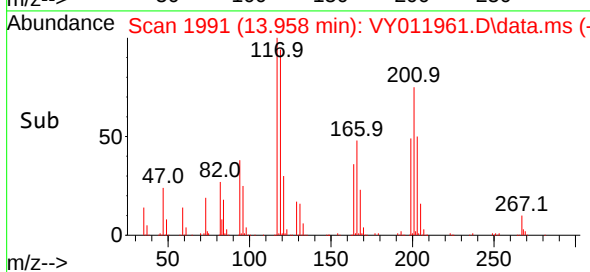
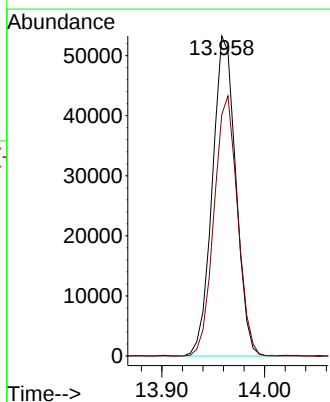
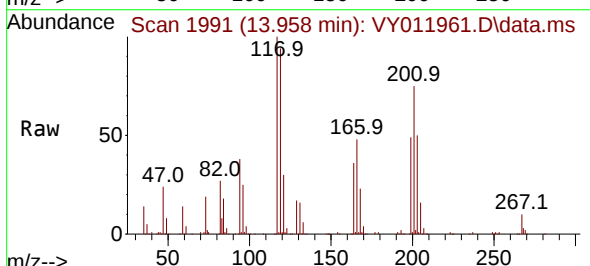
Manual Integrations
APPROVED

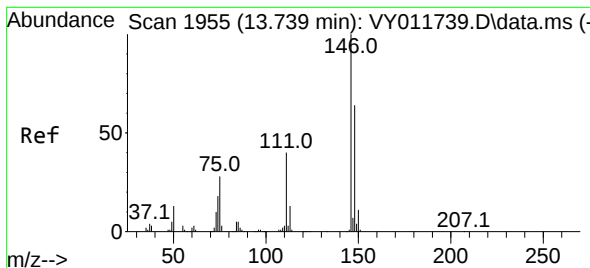
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 43.501 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion:117 Resp: 84348
Ion Ratio Lower Upper
117 100
201 81.5 40.3 120.8





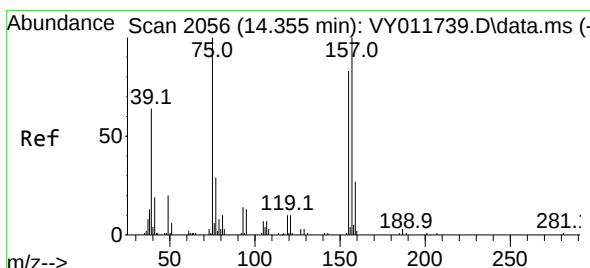
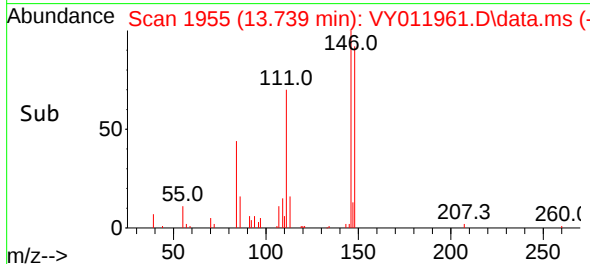
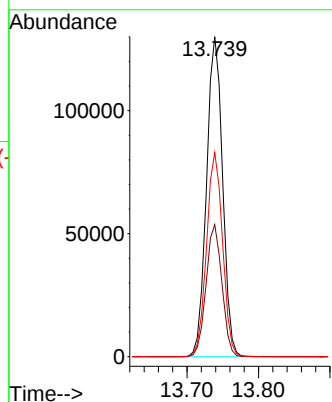
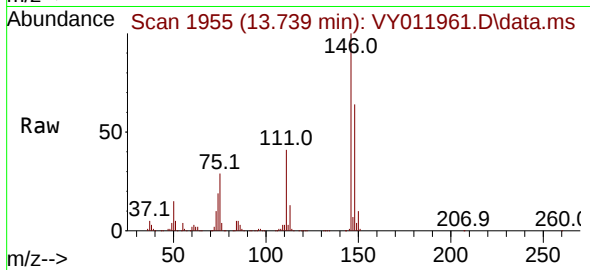
#91
1,2-Dichlorobenzene
Concen: 44.904 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20245
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.8 31.8 95.4

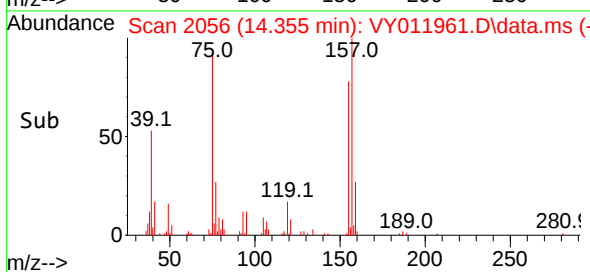
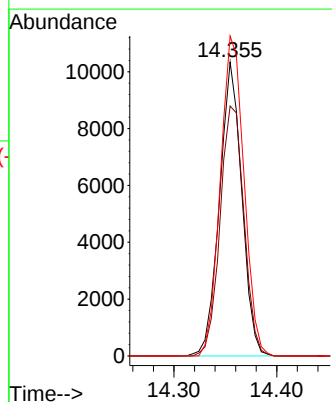
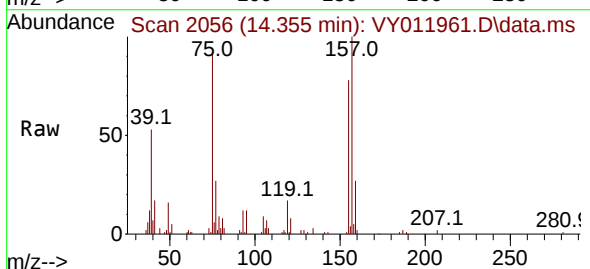
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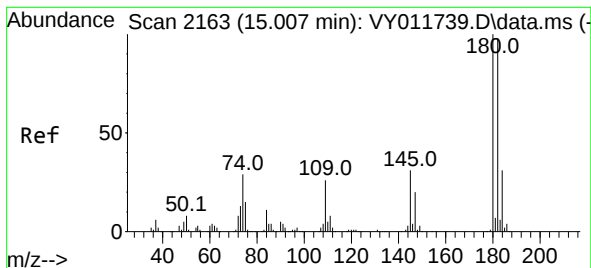
Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.711 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

Tgt Ion: 75 Resp: 15523
Ion Ratio Lower Upper
75 100
155 91.1 42.3 126.8
157 115.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 46.566 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011961.D

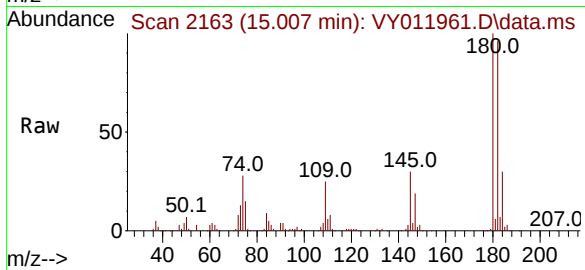
Acq: 21 Dec 2022 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 123502

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

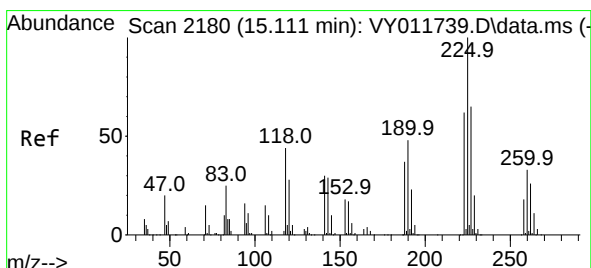
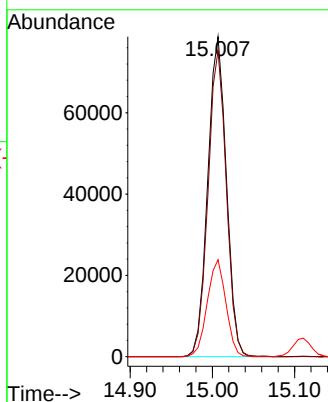
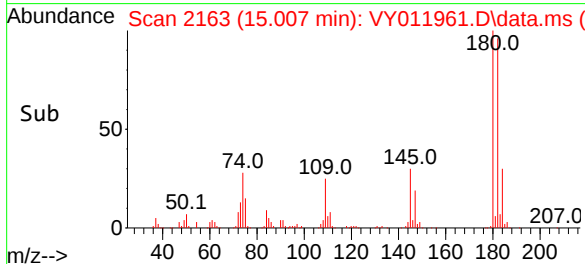
145 30.4 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/22/2022

Supervised By :Mahesh Dadoda 12/22/2022



#94

Hexachlorobutadiene

Concen: 44.006 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011961.D

Acq: 21 Dec 2022 20:51

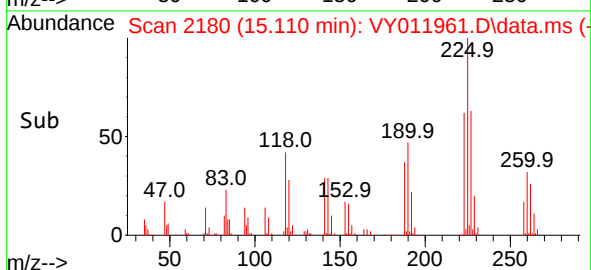
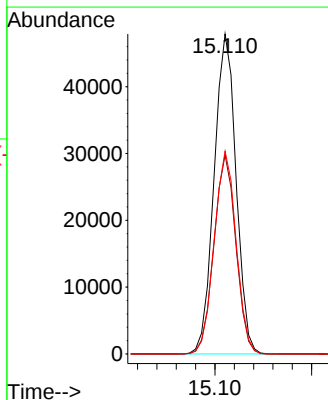
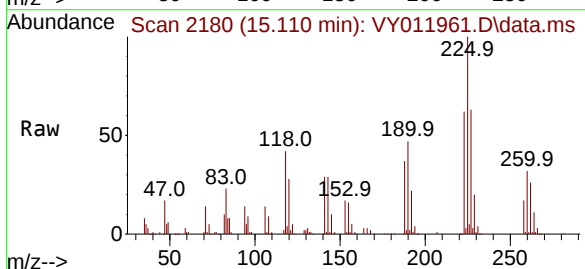
Tgt Ion:225 Resp: 75415

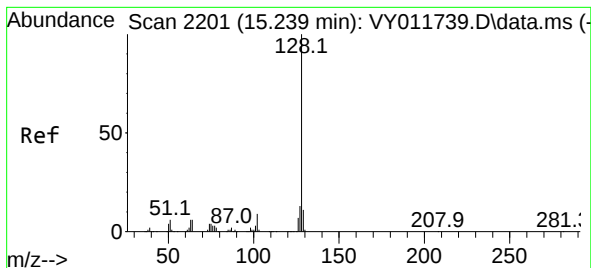
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

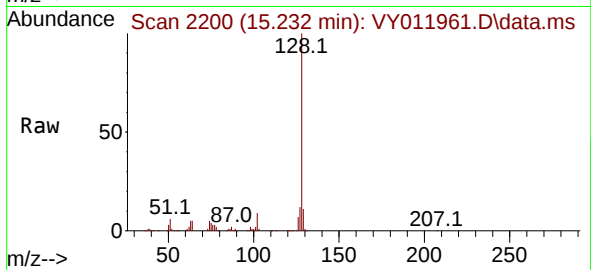
227 63.4 32.6 97.8





#95
Naphthalene
Concen: 45.756 ug/l
RT: 15.232 min Scan# 2110
Delta R.T. -0.007 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51

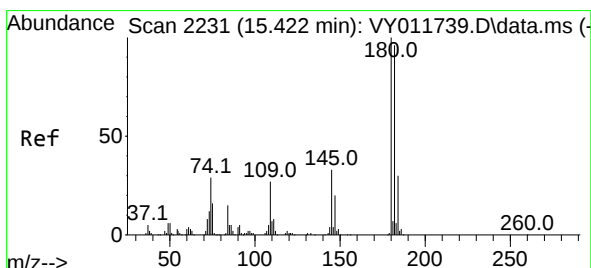
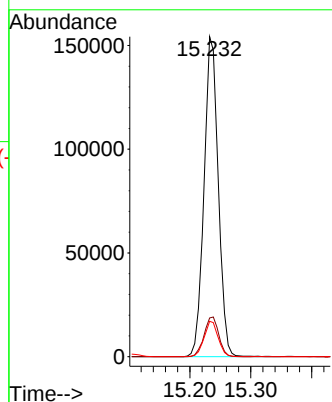
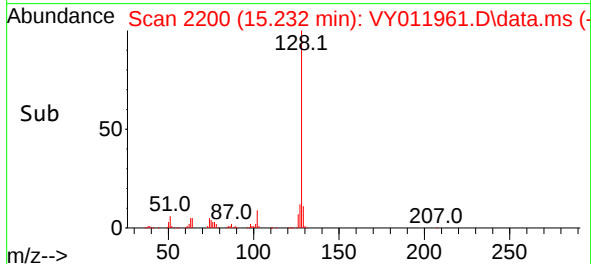
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



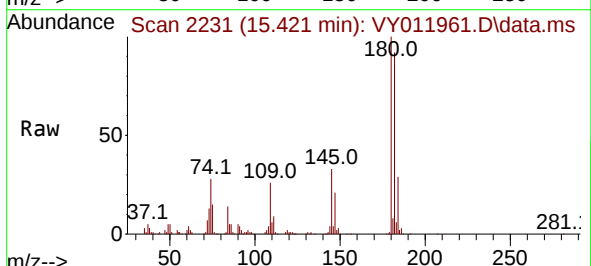
Tgt Ion:128 Resp: 25104
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/22/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.322 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011961.D
Acq: 21 Dec 2022 20:51



Tgt Ion:180 Resp: 108355
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.7
145 32.3 16.1 48.2

