

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014181.D
 Acq On : 15 Jun 2023 11:57
 Operator : KP/MD
 Sample : VY0615SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 02:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	178251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134336	54.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.240%			
35) Dibromofluoromethane	7.716	113	116545	59.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.780%			
50) Toluene-d8	10.179	98	402352	54.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.483	95	153897	59.049	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50931	25.638	ug/l	97
3) Chloromethane	2.113	50	53582	21.272	ug/l	99
4) Vinyl Chloride	2.253	62	56141	22.924	ug/l	100
5) Bromomethane	2.637	94	43174	21.367	ug/l	97
6) Chloroethane	2.790	64	35414	21.281	ug/l	97
7) Trichlorofluoromethane	3.125	101	93818	23.581	ug/l	100
8) Diethyl Ether	3.528	74	29256	22.022	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	49269	24.537	ug/l	98
10) Methyl Iodide	4.088	142	48749	18.386	ug/l	96
11) Tert butyl alcohol	4.954	59	43761	143.565	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	45470	22.342	ug/l	97
13) Acrolein	3.735	56	18635	150.066	ug/l	99
14) Allyl chloride	4.479	41	76771	20.810	ug/l	98
15) Acrylonitrile	5.168	53	77690	113.377	ug/l	99
16) Acetone	3.948	43	81898	109.459	ug/l	98
17) Carbon Disulfide	4.192	76	133734	20.278	ug/l	100
18) Methyl Acetate	4.479	43	63894	22.001	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	131084	21.838	ug/l	98
20) Methylene Chloride	4.716	84	59165	22.820	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	48782	21.490	ug/l	99
22) Diisopropyl ether	6.125	45	160477	22.719	ug/l	95
23) Vinyl Acetate	6.064	43	458021	109.901	ug/l	99
24) 1,1-Dichloroethane	6.015	63	91343	22.429	ug/l	99
25) 2-Butanone	6.990	43	109072	118.427	ug/l	97
26) 2,2-Dichloropropane	6.984	77	89002	23.268	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	55741	21.951	ug/l	98
28) Bromochloromethane	7.338	49	38266	23.105	ug/l	95
29) Tetrahydrofuran	7.350	42	67105	114.902	ug/l	99
30) Chloroform	7.509	83	99174	22.954	ug/l	99
31) Cyclohexane	7.789	56	73200	22.014	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	91626	23.513	ug/l	99
36) 1,1-Dichloropropene	7.917	75	70084	22.907	ug/l	99
37) Ethyl Acetate	7.076	43	47355	22.432	ug/l	98
38) Carbon Tetrachloride	7.905	117	83222	23.572	ug/l	94
39) Methylcyclohexane	9.185	83	76461	22.525	ug/l	100
40) Benzene	8.161	78	208194	22.884	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21429m	19.890	ug/l	
42) 1,2-Dichloroethane	8.240	62	73086	22.717	ug/l	100
43) Isopropyl Acetate	8.277	43	83439	22.552	ug/l	99
44) Trichloroethene	8.941	130	55641	22.891	ug/l	99
45) 1,2-Dichloropropane	9.216	63	50910	22.031	ug/l	95
46) Dibromomethane	9.307	93	32114	22.577	ug/l	98
47) Bromodichloromethane	9.496	83	77333	23.219	ug/l	96
48) Methyl methacrylate	9.295	41	38024	22.034	ug/l	98
49) 1,4-Dioxane	9.295	88	8527	471.776	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	229531	114.187	ug/l	98
52) Toluene	10.246	92	131972	23.401	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	78452	22.376	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	85017	22.224	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	42641	22.601	ug/l	97
56) Ethyl methacrylate	10.508	69	56861	21.850	ug/l	99
57) 1,3-Dichloropropane	10.788	76	73254	22.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	80014	89.552	ug/l	96
59) 2-Hexanone	10.831	43	165765	114.177	ug/l	98
60) Dibromochloromethane	10.984	129	56623	23.449	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41957	22.533	ug/l	100
64) Tetrachloroethene	10.721	164	51264	22.910	ug/l	97
65) Chlorobenzene	11.514	112	141354	22.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56459	22.756	ug/l	100
67) Ethyl Benzene	11.593	91	251833	22.808	ug/l	99
68) m/p-Xylenes	11.703	106	195945	46.137	ug/l	96
69) o-Xylene	12.032	106	92277	22.982	ug/l	98
70) Styrene	12.044	104	157933	23.046	ug/l	99
71) Bromoform	12.209	173	38836	22.856	ug/l #	99
73) Isopropylbenzene	12.331	105	242289	21.693	ug/l	100
74) N-amyl acetate	12.142	43	72331	20.436	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	52451	21.016	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	42368m	22.057	ug/l	
77) Bromobenzene	12.611	156	62887	21.422	ug/l	96
78) n-propylbenzene	12.672	91	299237	21.935	ug/l	99
79) 2-Chlorotoluene	12.758	91	169861	21.639	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208865	21.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18379	20.682	ug/l	97
82) 4-Chlorotoluene	12.855	91	180807	21.736	ug/l	100
83) tert-Butylbenzene	13.075	119	177628	21.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	211080	22.297	ug/l	100
85) sec-Butylbenzene	13.251	105	263937	22.338	ug/l	100
86) p-Isopropyltoluene	13.367	119	224285	22.179	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	123881	22.102	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	126486	22.398	ug/l	99
89) n-Butylbenzene	13.696	91	206393	22.005	ug/l	99
90) Hexachloroethane	13.959	117	44602	22.135	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	112012	22.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9933	20.900	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	70627	22.147	ug/l	99
94) Hexachlorobutadiene	15.111	225	42636	23.158	ug/l	98
95) Naphthalene	15.239	128	135906	20.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63620	22.078	ug/l	99

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QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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

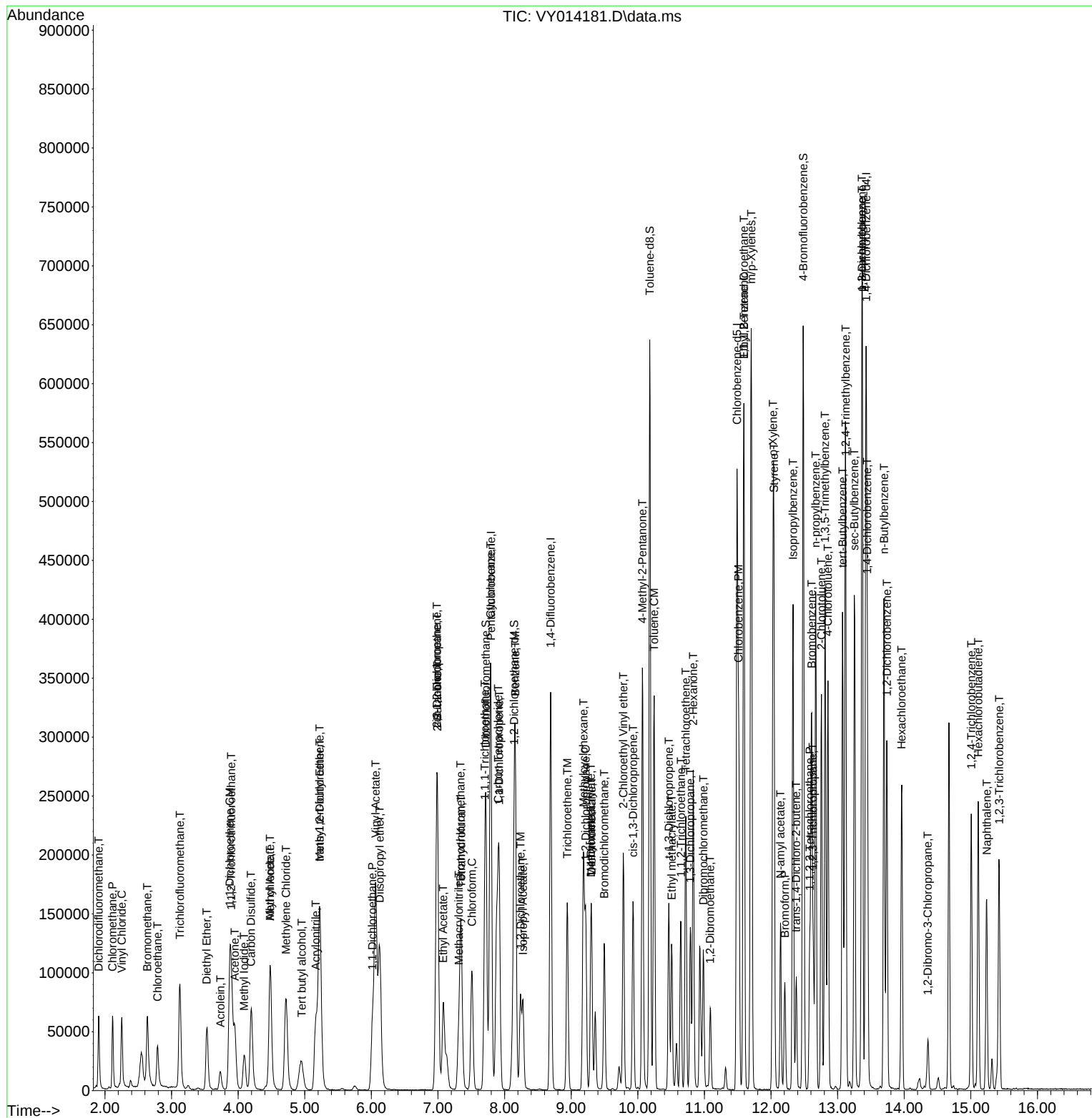
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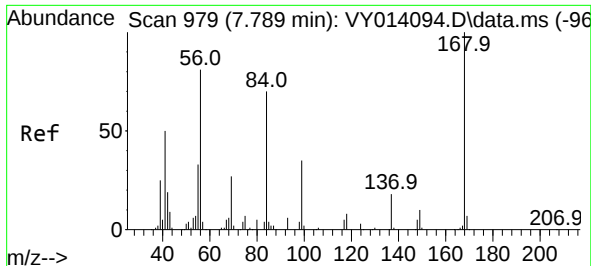
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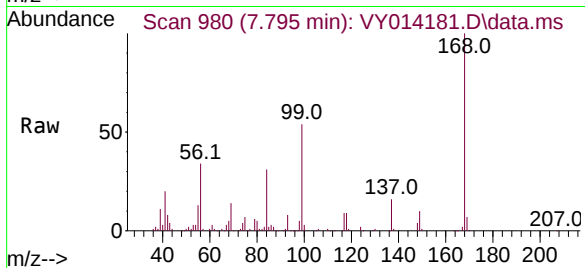
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
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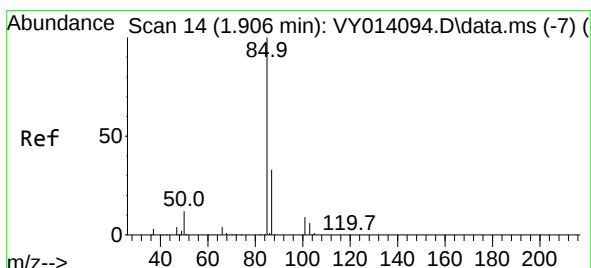
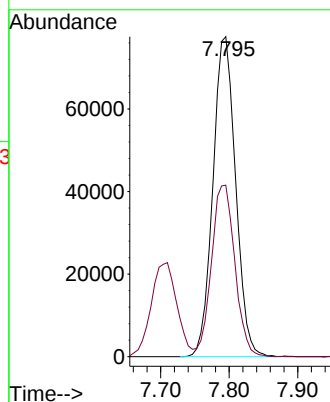
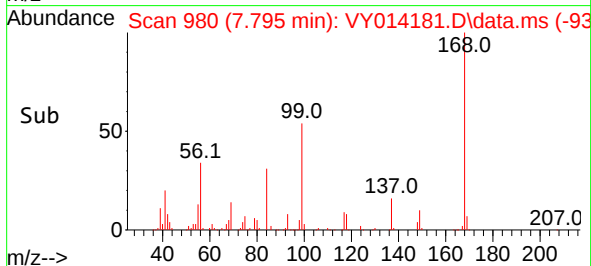
Instrument :
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Tgt Ion:168 Resp: 17825
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0

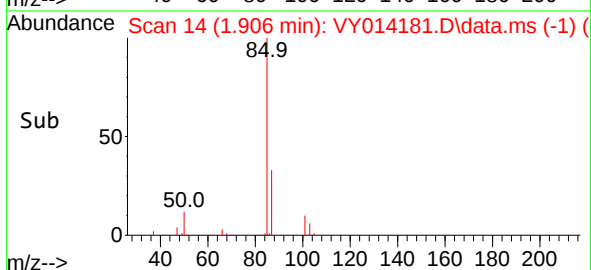
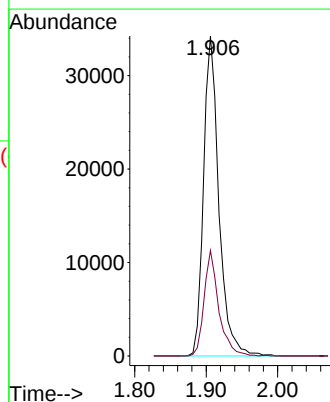
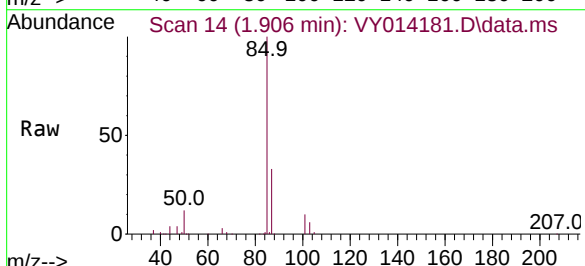
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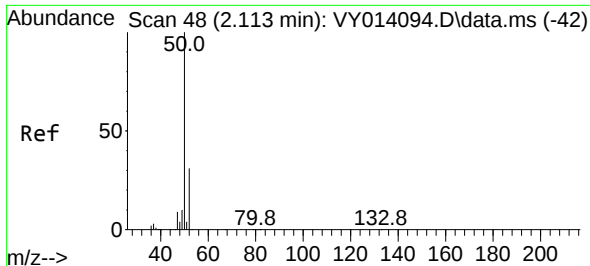
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 25.638 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014181.D
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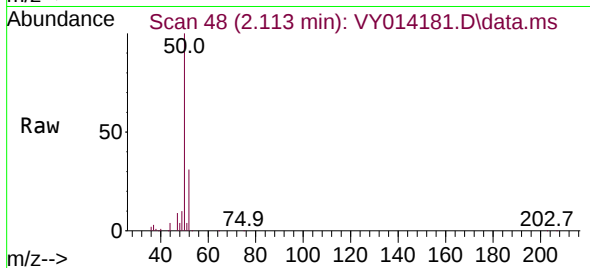
Tgt Ion: 85 Resp: 50931
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8





#3
Chloromethane
Concen: 21.272 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

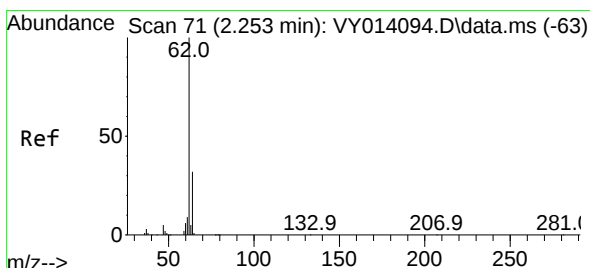
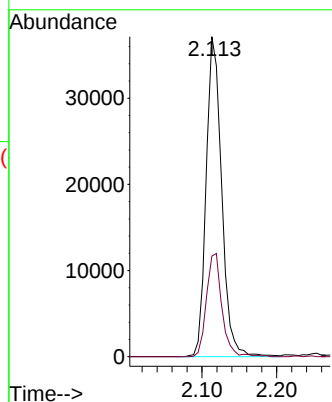
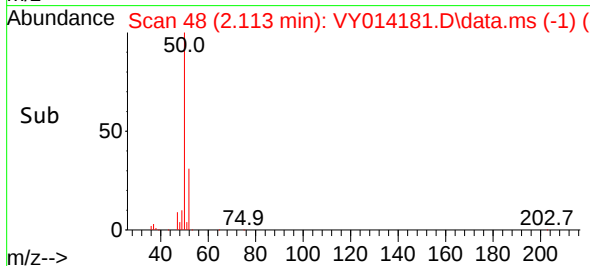
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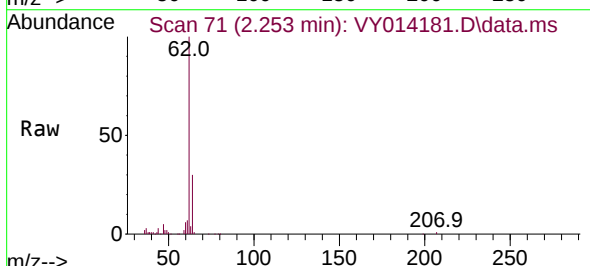
Tgt Ion: 50 Resp: 5358
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

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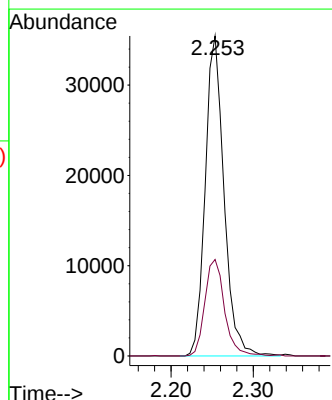
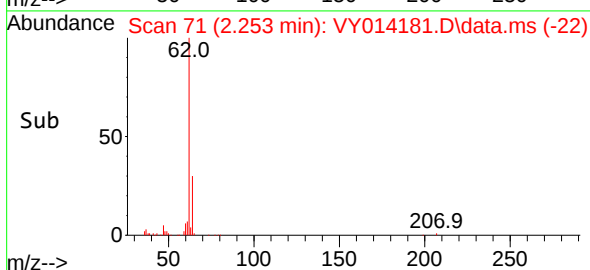
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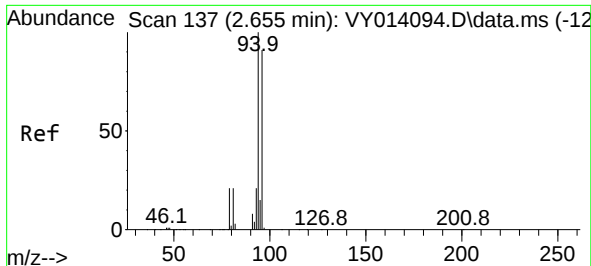


#4
Vinyl Chloride
Concen: 22.924 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



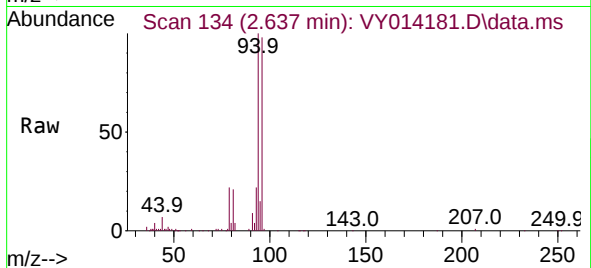
Tgt Ion: 62 Resp: 56141
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5





#5
Bromomethane
Concen: 21.367 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014181.D
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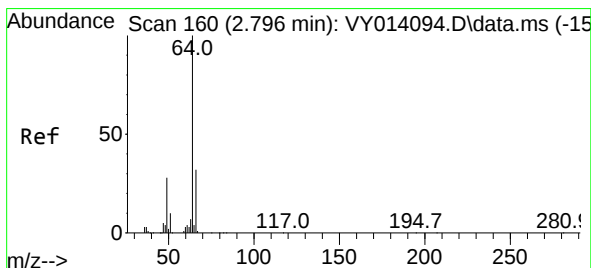
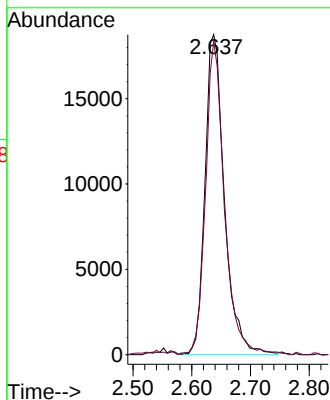
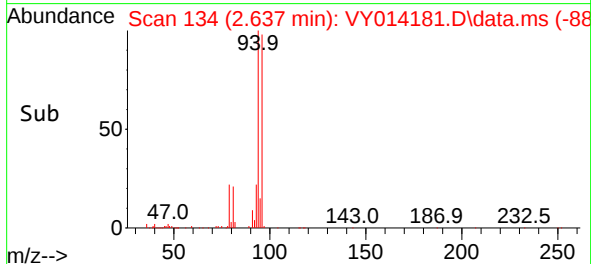
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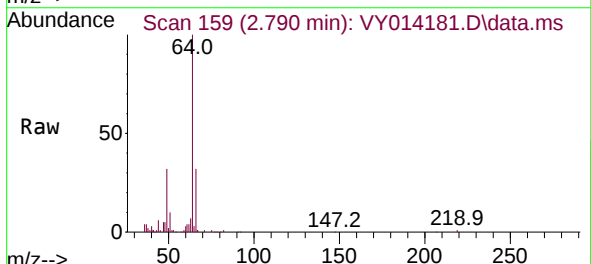
Tgt Ion: 94 Resp: 43174
Ion Ratio Lower Upper
94 100
96 97.5 75.8 113.6

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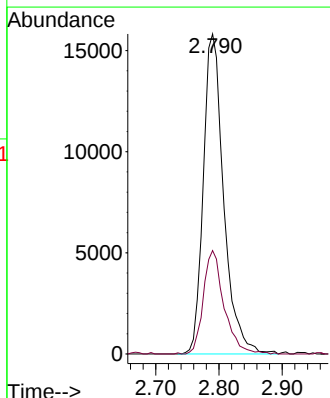
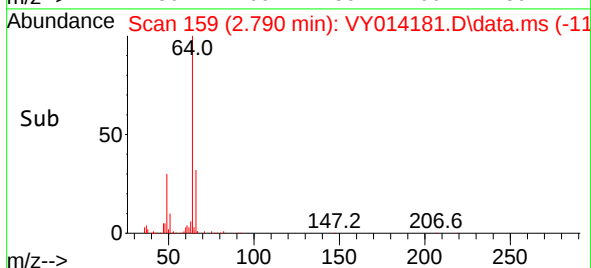
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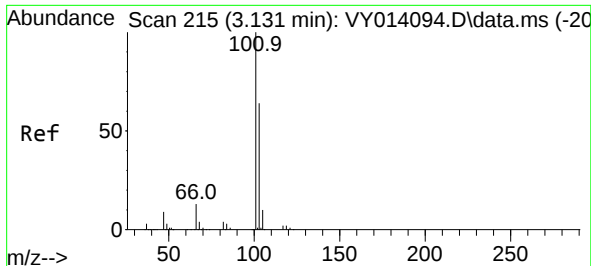


#6
Chloroethane
Concen: 21.281 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014181.D
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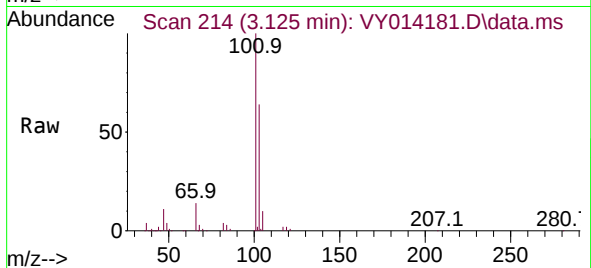
Tgt Ion: 64 Resp: 35414
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 23.581 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

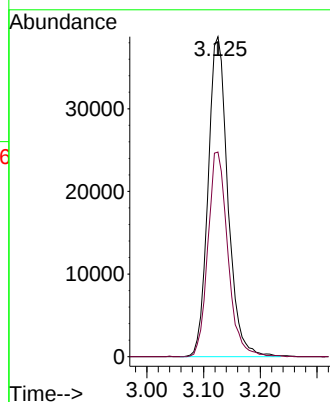
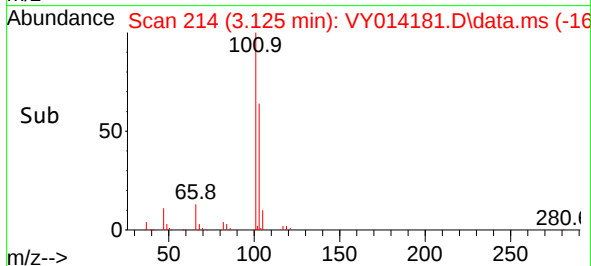
Instrument :
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Tgt Ion:101 Resp: 93818
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

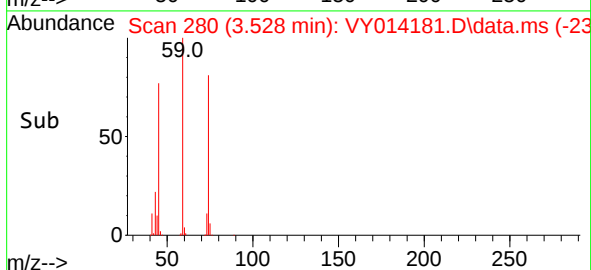
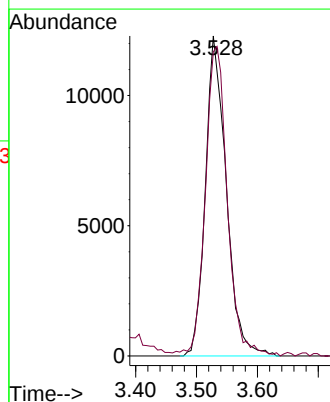
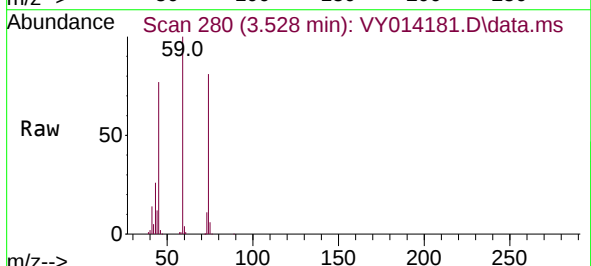
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#8
Diethyl Ether
Concen: 22.022 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 74 Resp: 29256
Ion Ratio Lower Upper
74 100
45 102.0 51.5 154.5





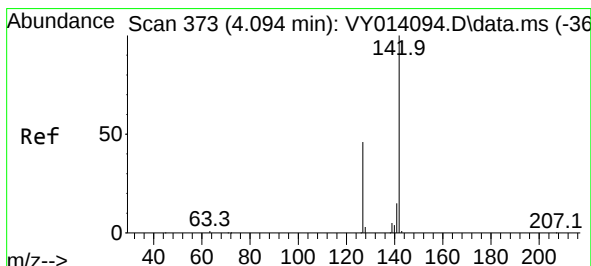
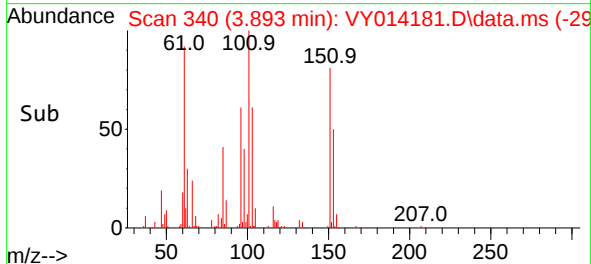
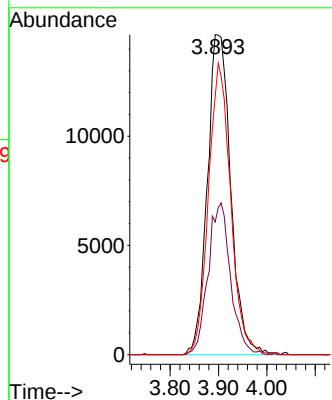
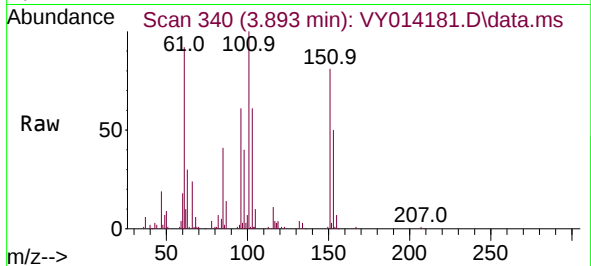
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.537 ug/l
RT: 3.893 min Scan# 342
Delta R.T. -0.012 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tgt Ion:101 Resp: 49269
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 86.1 67.0 100.6

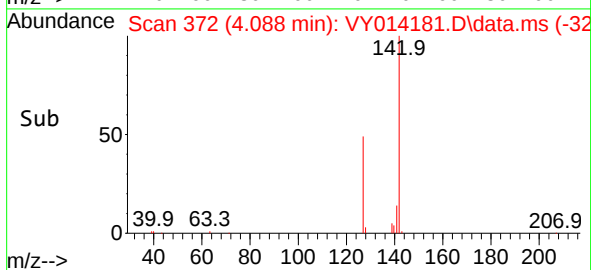
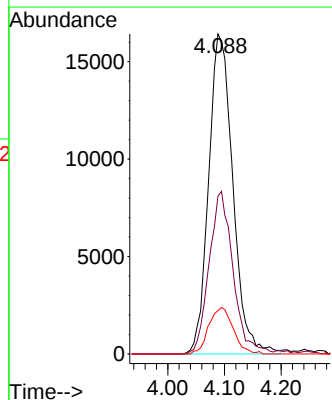
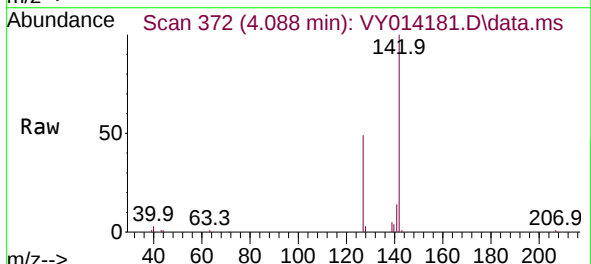
Manual Integrations
APPROVED

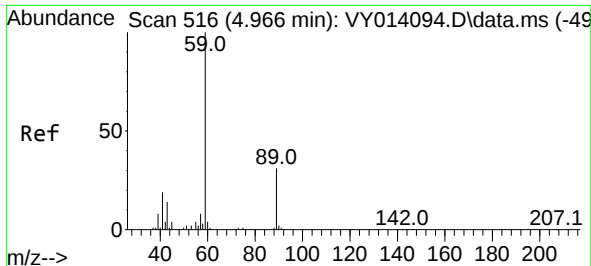
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#10
Methyl Iodide
Concen: 18.386 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

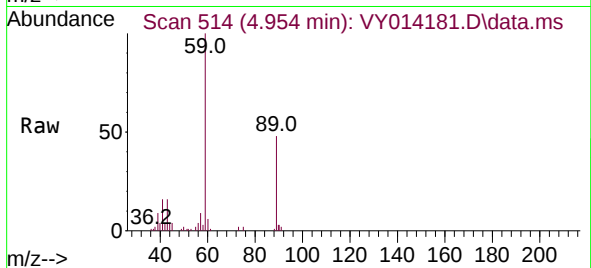
Tgt Ion:142 Resp: 48749
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 14.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 143.565 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

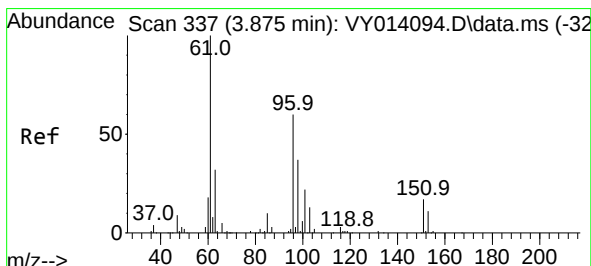
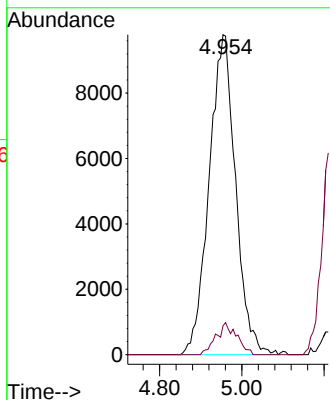
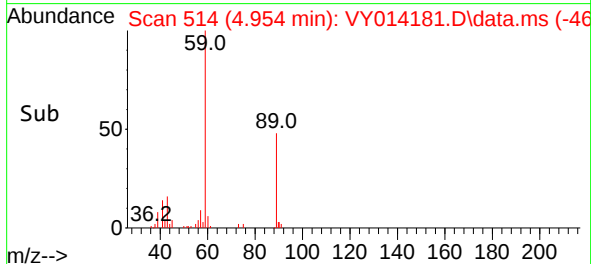
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 59 Resp: 4376
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4

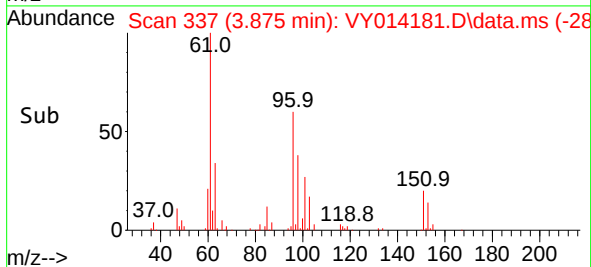
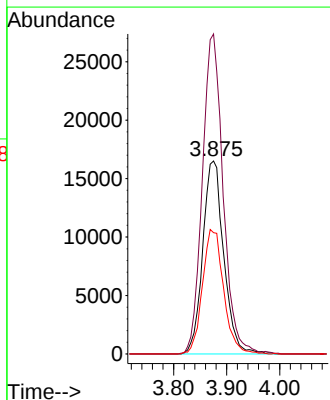
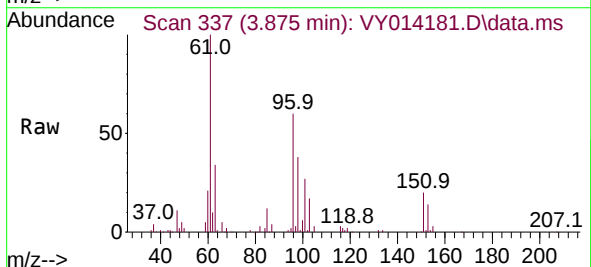
Manual Integrations
APPROVED

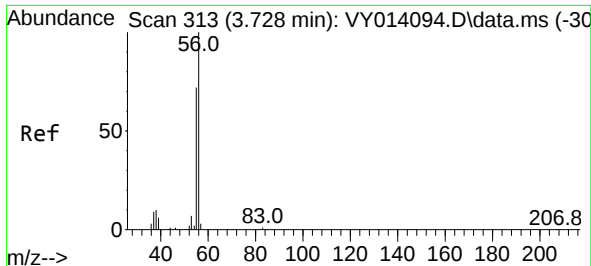
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#12
1,1-Dichloroethene
Concen: 22.342 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

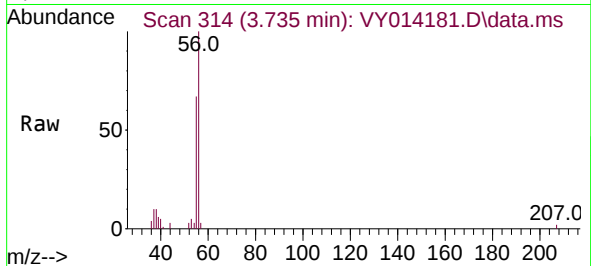
Tgt Ion: 96 Resp: 45470
Ion Ratio Lower Upper
96 100
61 165.9 136.4 204.6
98 62.9 49.4 74.2





#13
Acrolein
Concen: 150.066 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

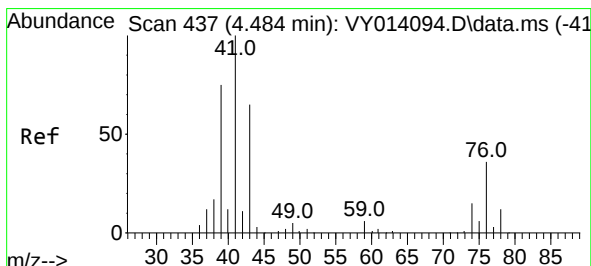
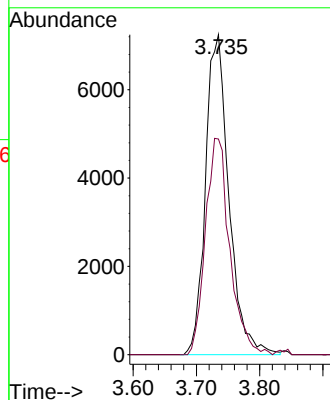
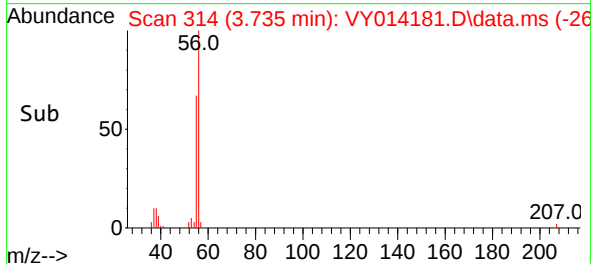
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



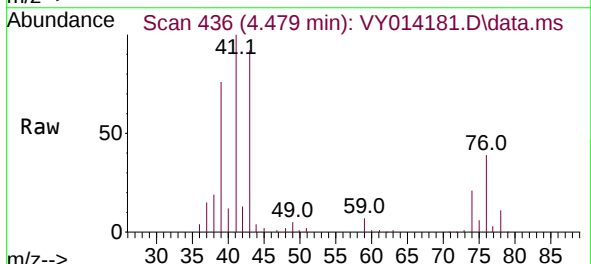
Tgt Ion: 56 Resp: 1863
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4

Manual Integrations
APPROVED

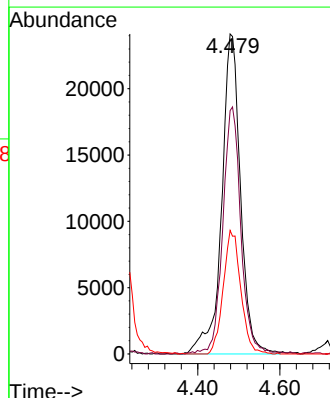
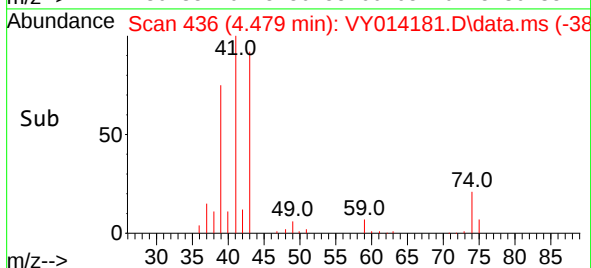
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

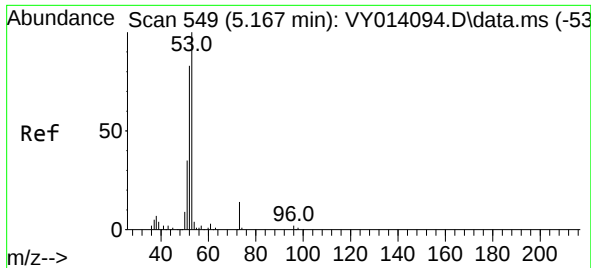


#14
Allyl chloride
Concen: 20.810 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



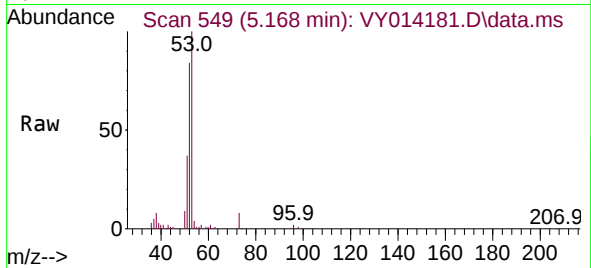
Tgt Ion: 41 Resp: 76771
Ion Ratio Lower Upper
41 100
39 74.1 58.0 87.0
76 35.9 27.4 41.2





#15
Acrylonitrile
Concen: 113.377 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

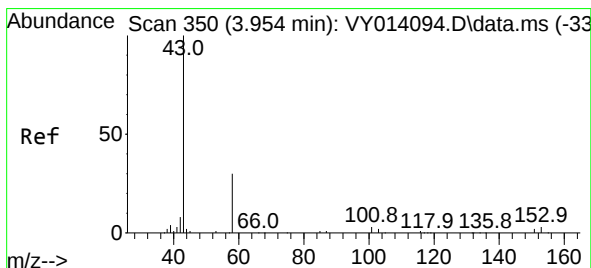
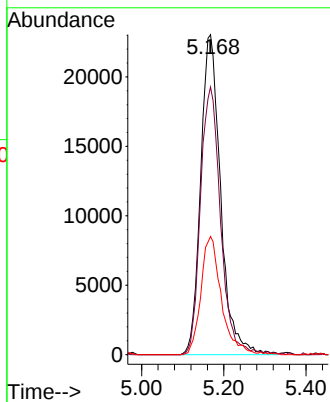
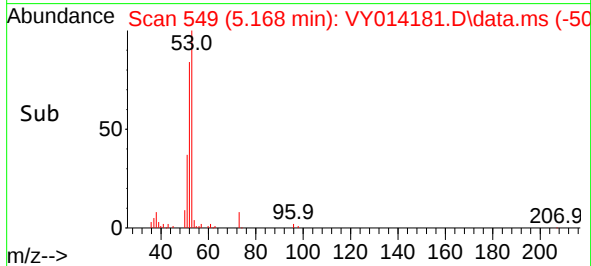
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



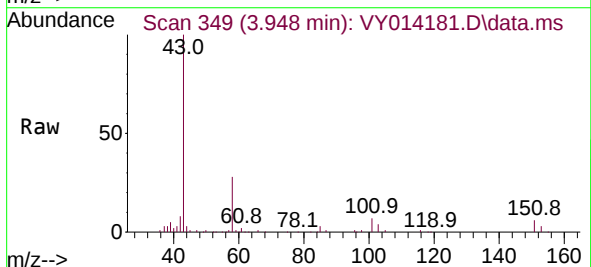
Tgt Ion: 53 Resp: 77690
Ion Ratio Lower Upper
53 100
52 84.1 66.9 100.3
51 37.8 29.8 44.6

Manual Integrations
APPROVED

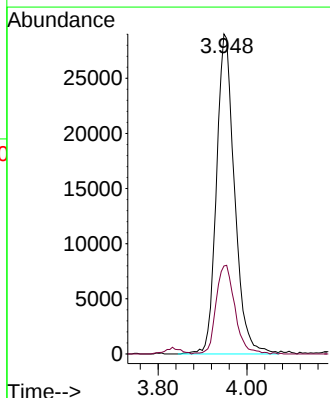
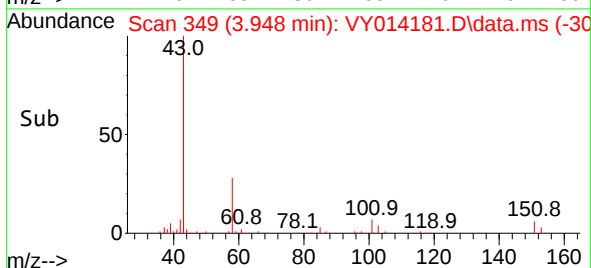
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

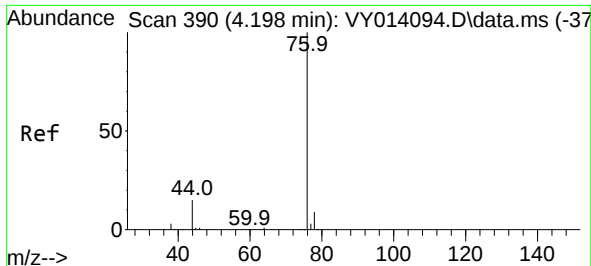


#16
Acetone
Concen: 109.459 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



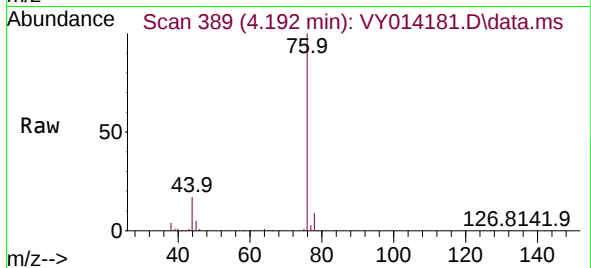
Tgt Ion: 43 Resp: 81898
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1





#17
Carbon Disulfide
Concen: 20.278 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

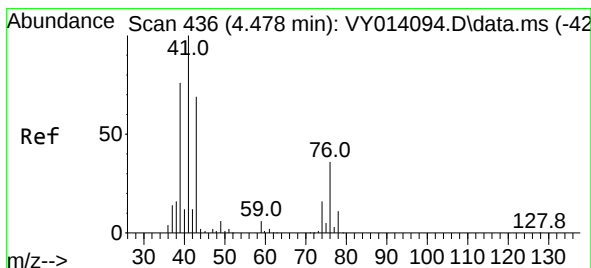
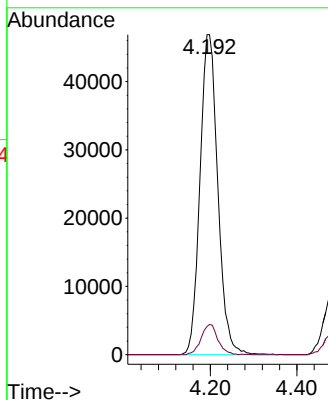
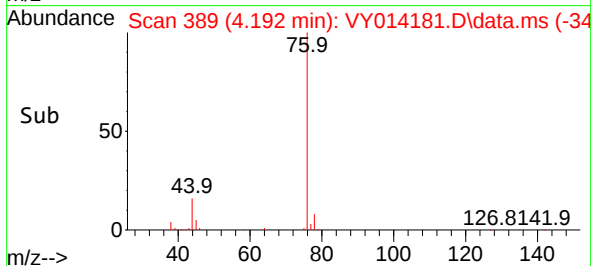
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



Tgt Ion: 76 Resp: 133734
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

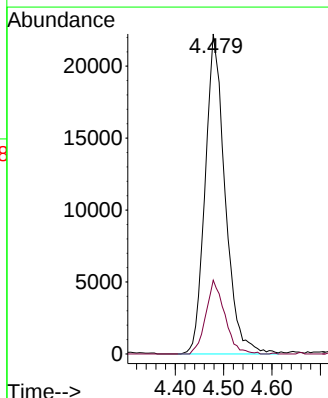
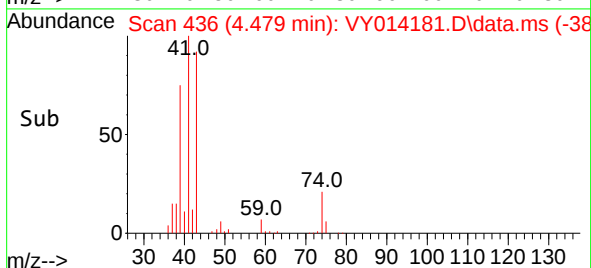
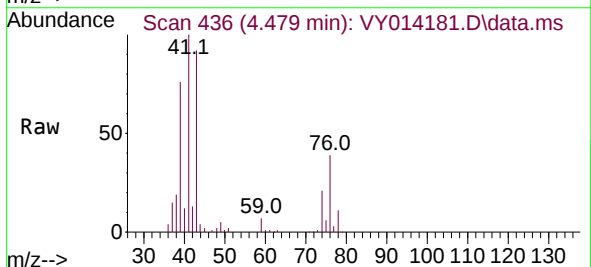
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#18
Methyl Acetate
Concen: 22.001 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

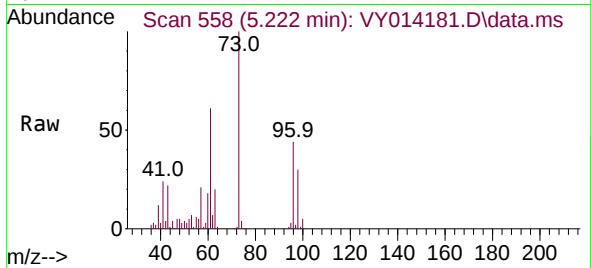
Tgt Ion: 43 Resp: 63894
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 21.838 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

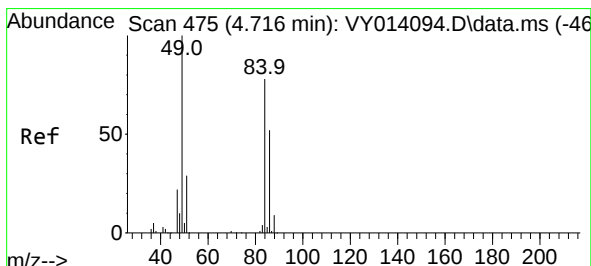
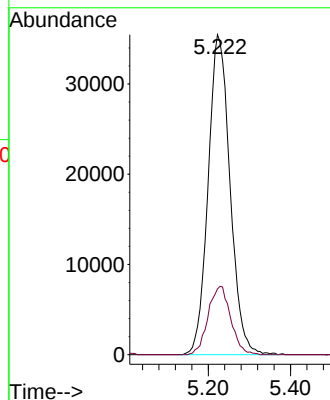
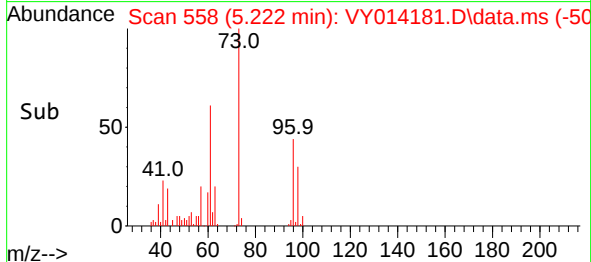
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



Tgt Ion: 73 Resp: 131084
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

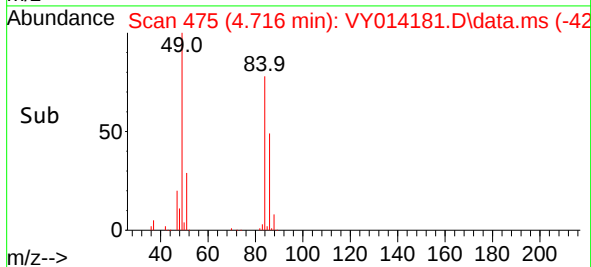
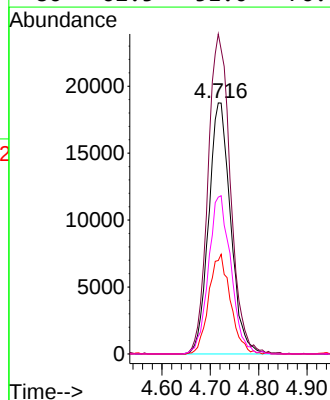
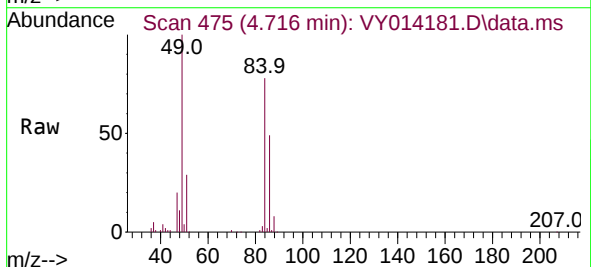
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#20
Methylene Chloride
Concen: 22.820 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

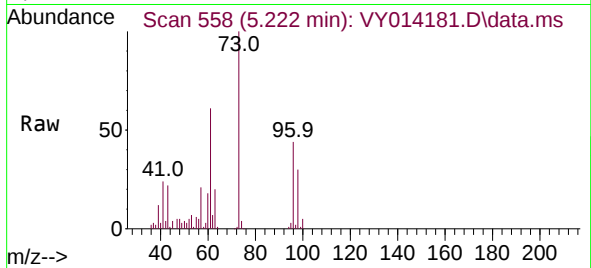
Tgt Ion: 84 Resp: 59165
Ion Ratio Lower Upper
84 100
49 127.5 106.9 160.3
51 37.2 33.2 49.8
86 62.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 21.490 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

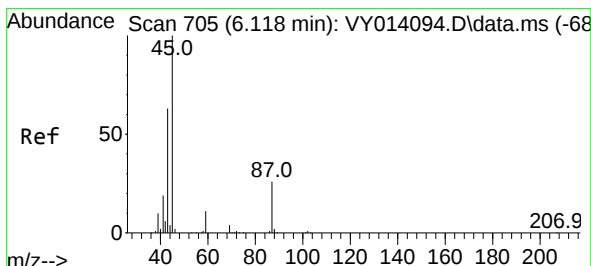
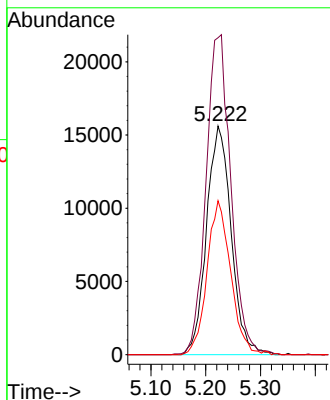
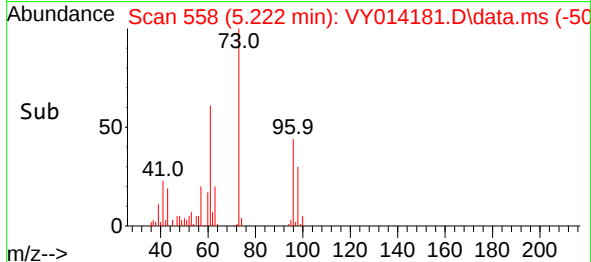
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



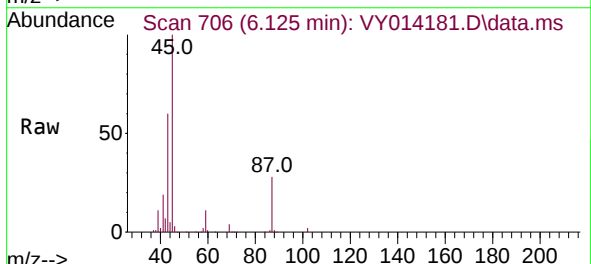
Tgt Ion: 96 Resp: 4878
Ion Ratio Lower Upper
96 100
61 138.3 110.2 165.4
98 67.3 51.8 77.6

Manual Integrations
APPROVED

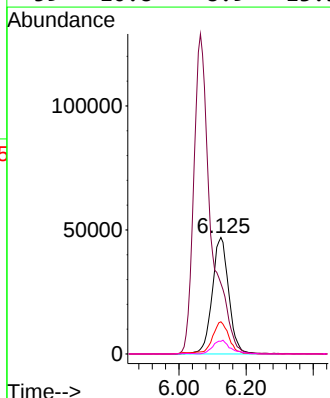
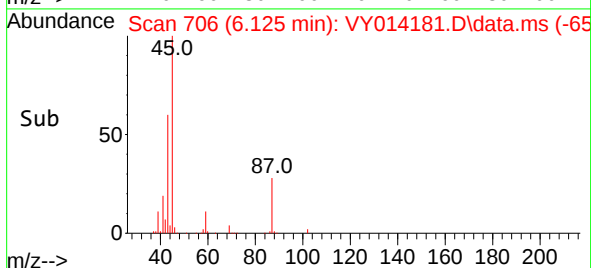
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

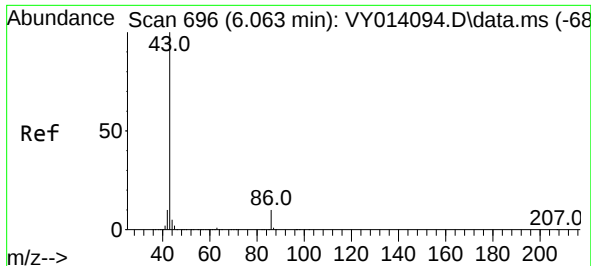


#22
Diisopropyl ether
Concen: 22.719 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



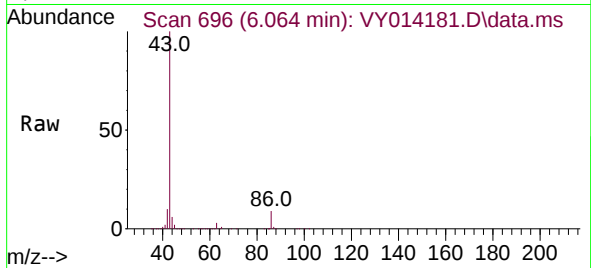
Tgt Ion: 45 Resp: 160477
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 27.6 21.0 31.6
59 10.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 109.901 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57

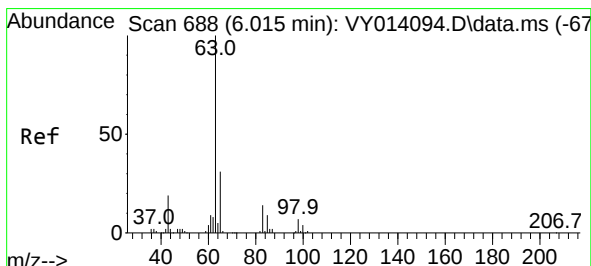
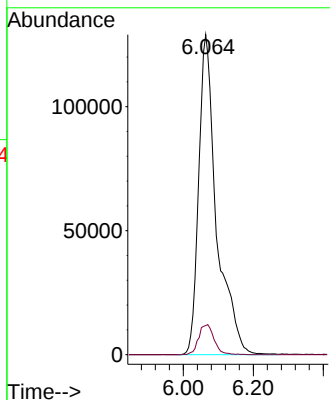
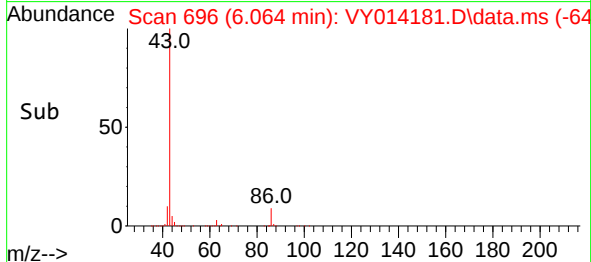
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01



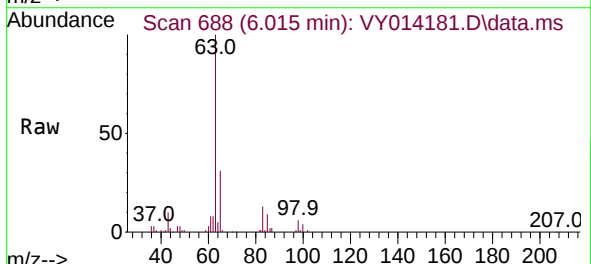
Tgt Ion: 43 Resp: 45802
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

Manual Integrations
 APPROVED

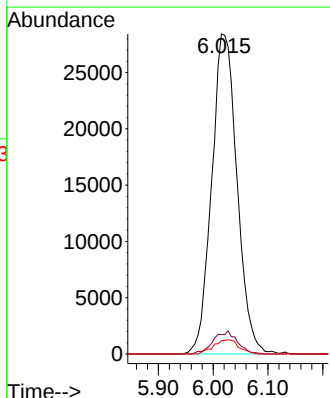
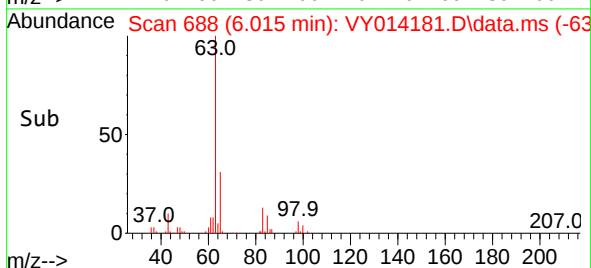
Reviewed By :Krupa Patel 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

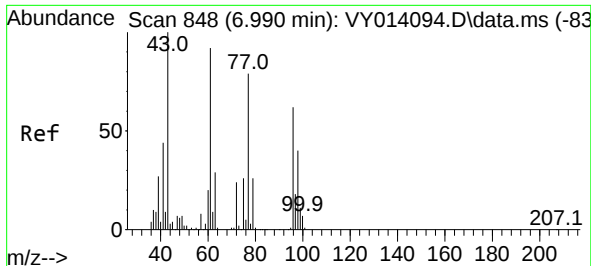


#24
 1,1-Dichloroethane
 Concen: 22.429 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014181.D
 Acq: 15 Jun 2023 11:57



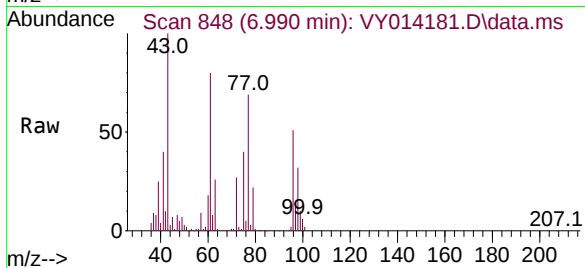
Tgt Ion: 63 Resp: 91343
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 118.427 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

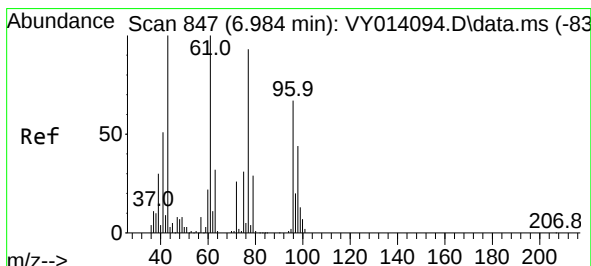
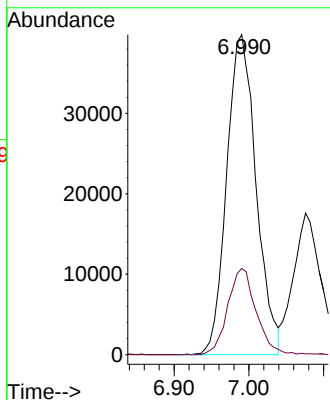
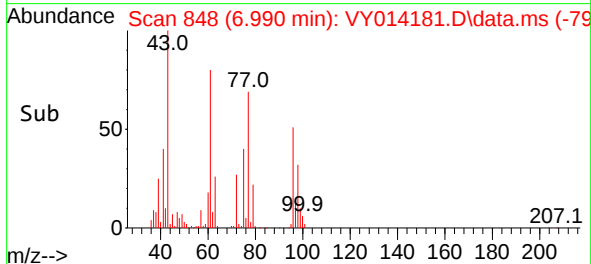
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



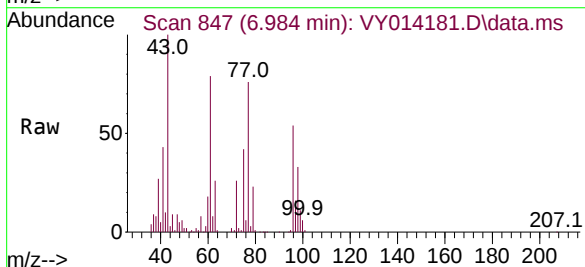
Tgt Ion: 43 Resp: 109072
Ion Ratio Lower Upper
43 100
72 26.9 20.5 30.7

Manual Integrations
APPROVED

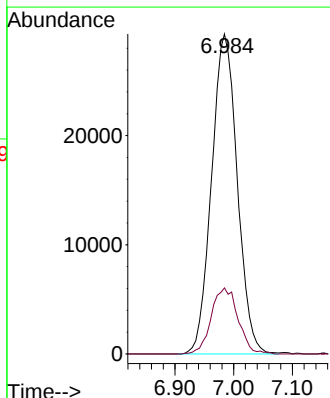
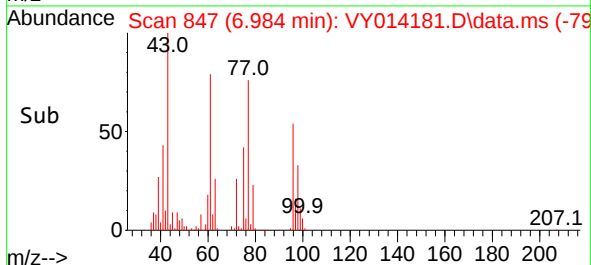
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

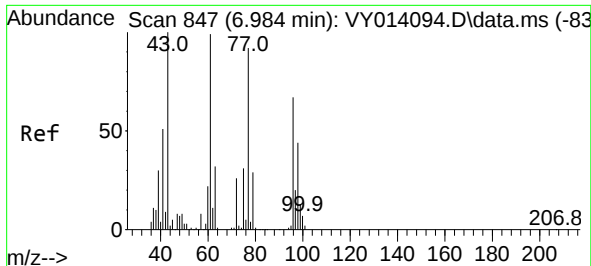


#26
2,2-Dichloropropane
Concen: 23.268 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion: 77 Resp: 89002
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.951 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

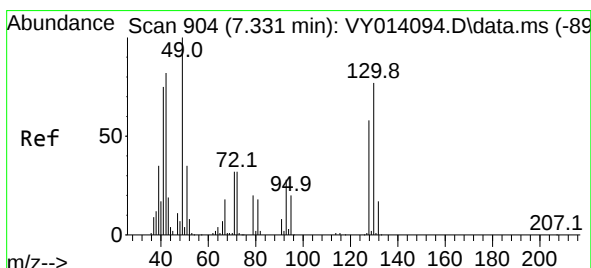
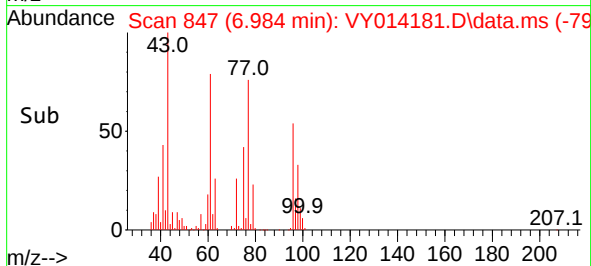
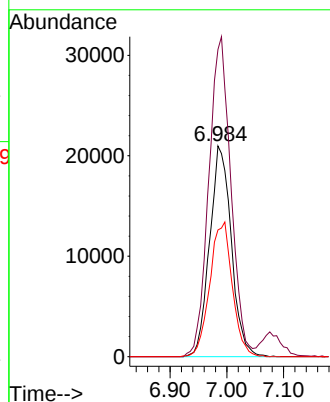
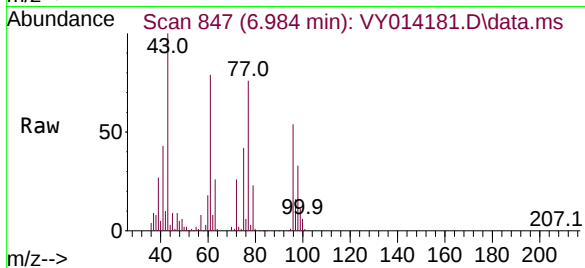
Tgt Ion:	96	Resp:	5574
Ion Ratio	Lower	Upper	
96	100		
61	154.3	0.0	301.4
98	66.4	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#28

Bromochloromethane

Concen: 23.105 ug/l

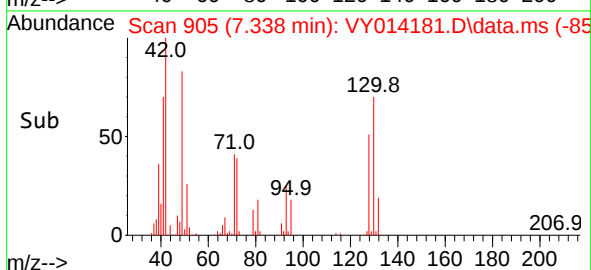
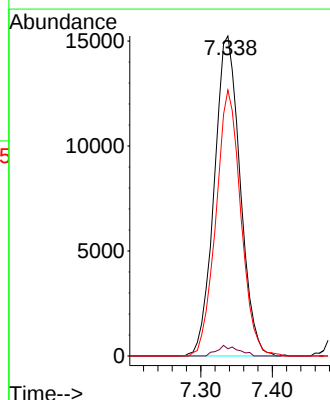
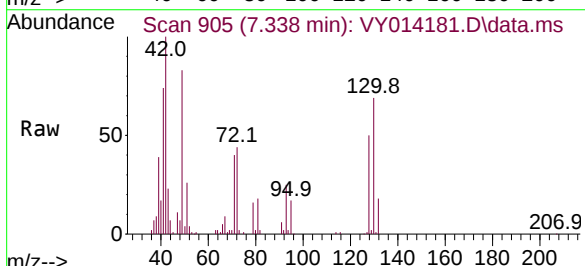
RT: 7.338 min Scan# 905

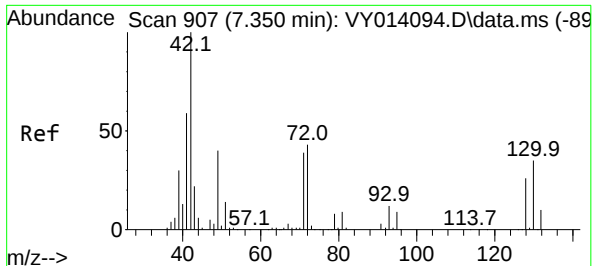
Delta R.T. 0.007 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion:	49	Resp:	38266
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	4.6
130	80.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 114.902 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014181.D

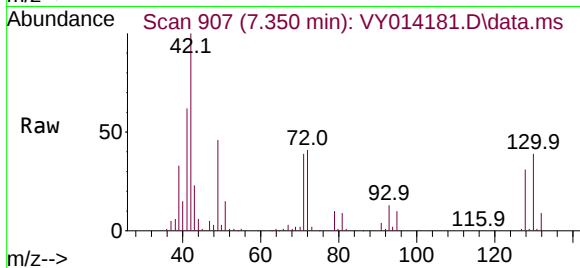
Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01



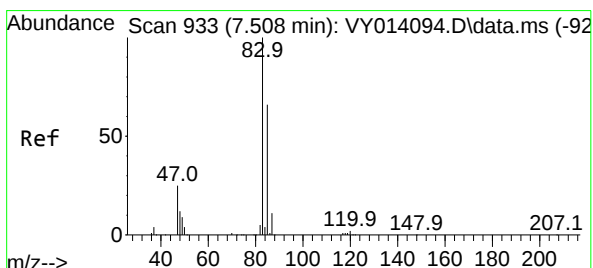
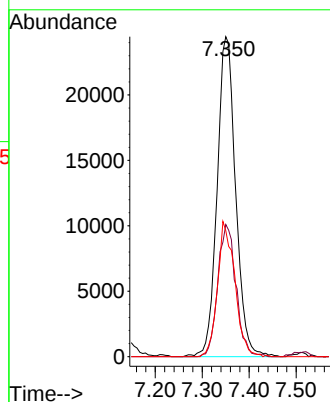
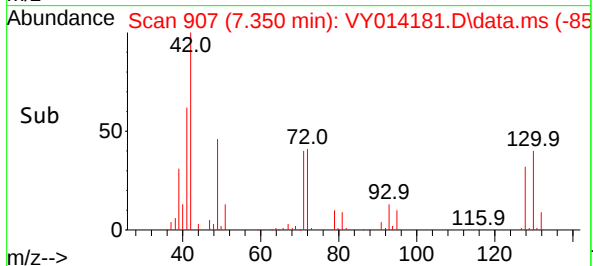
Tgt Ion:	42	Resp:	6710
Ion Ratio	Lower	Upper	
42	100		
72	40.5	32.8	49.2
71	39.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

Chloroform

Concen: 22.954 ug/l

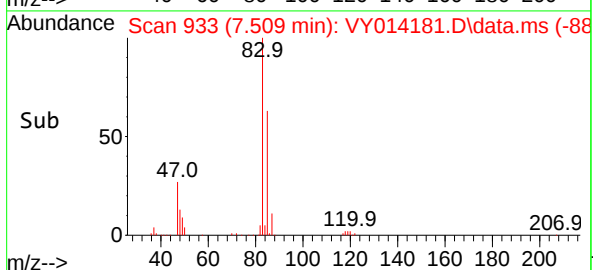
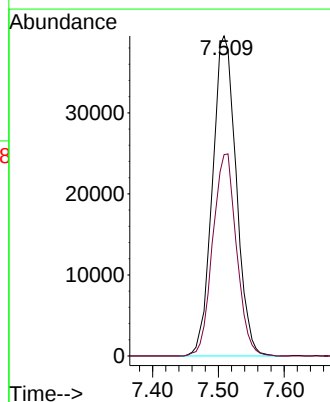
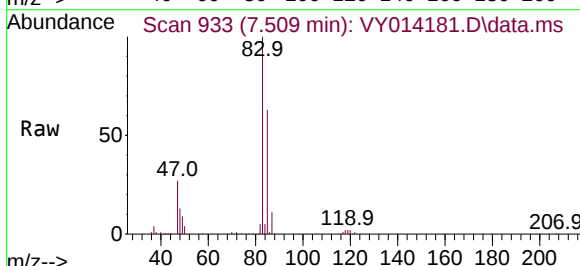
RT: 7.509 min Scan# 933

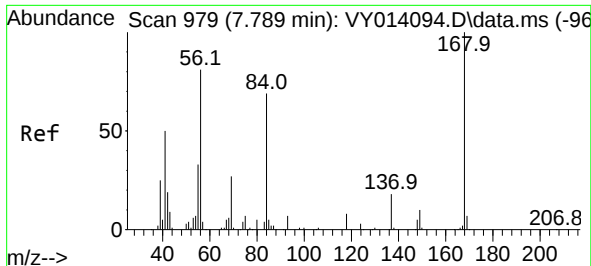
Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

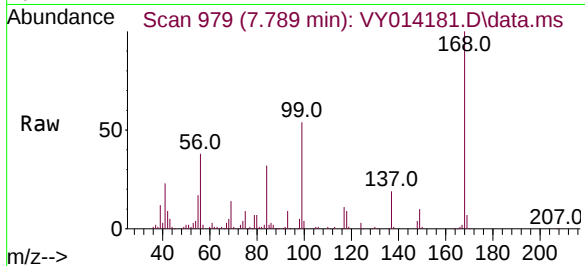
Tgt Ion:	83	Resp:	99174
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.7	74.5





#31
Cyclohexane
Concen: 22.014 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

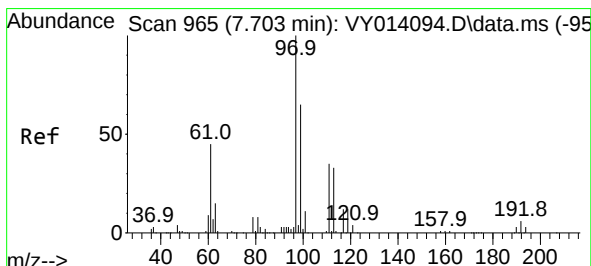
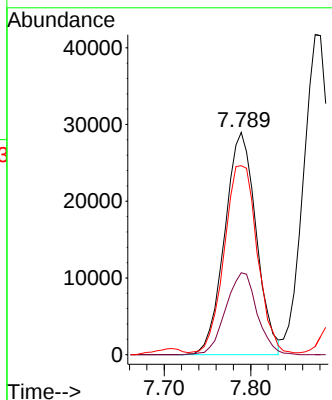
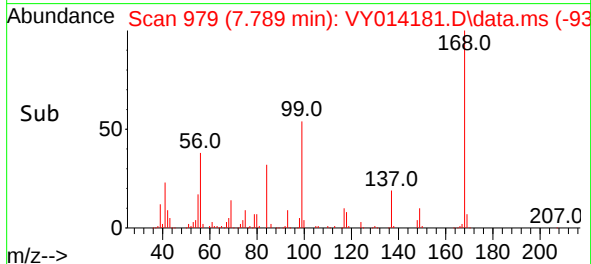
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



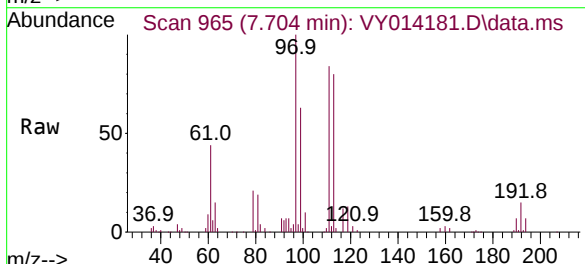
Tgt Ion: 56 Resp: 73200
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.6
84 82.7 66.4 99.6

Manual Integrations
APPROVED

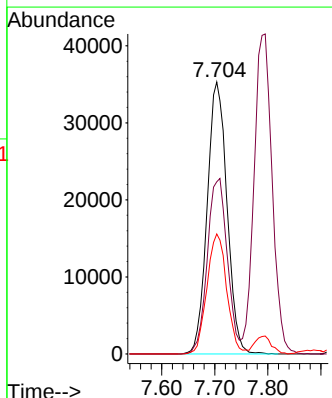
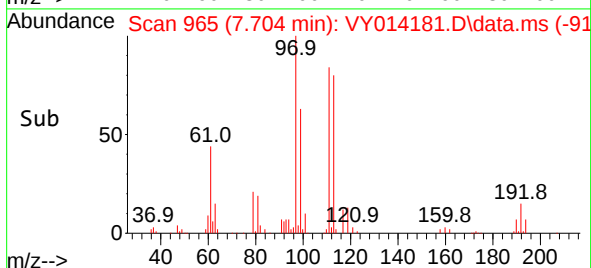
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

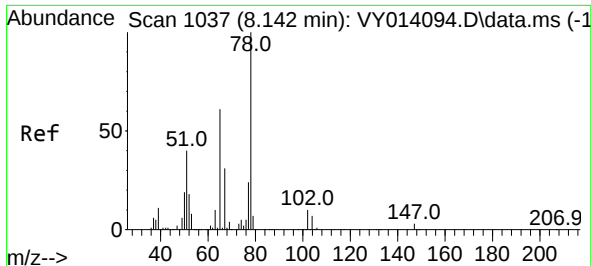


#32
1,1,1-Trichloroethane
Concen: 23.513 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion: 97 Resp: 91626
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.120 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014181.D

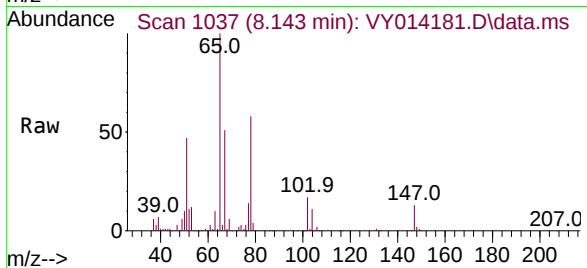
Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01



Tgt Ion: 65 Resp: 134330

Ion Ratio Lower Upper

65 100

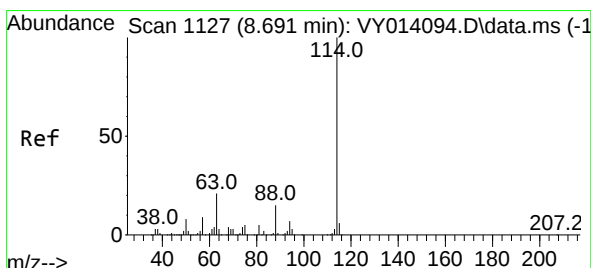
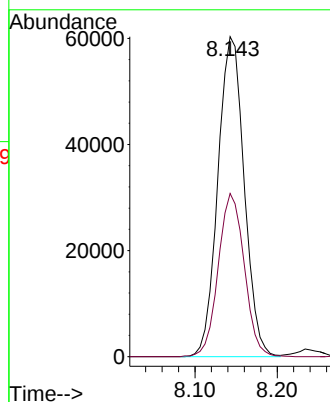
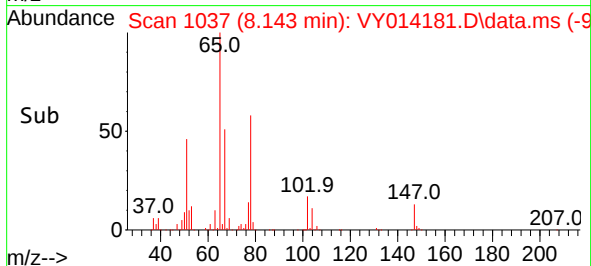
67 50.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

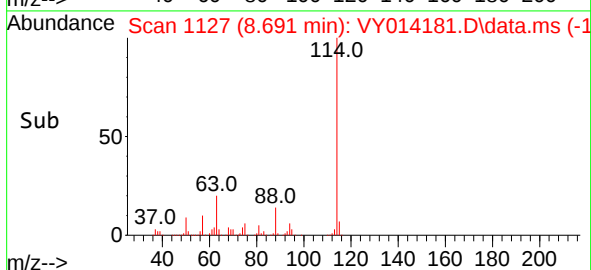
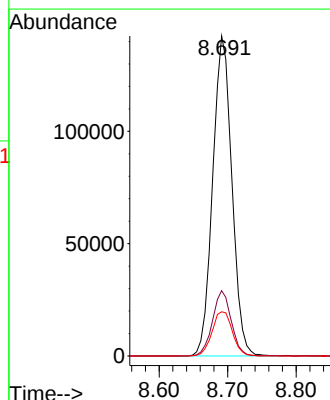
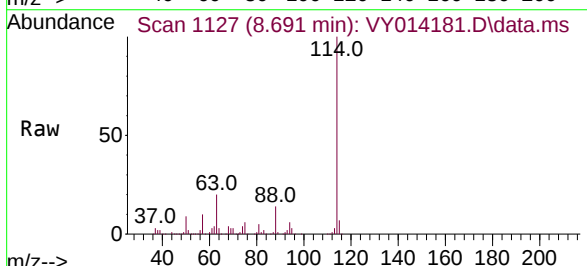
Tgt Ion:114 Resp: 276723

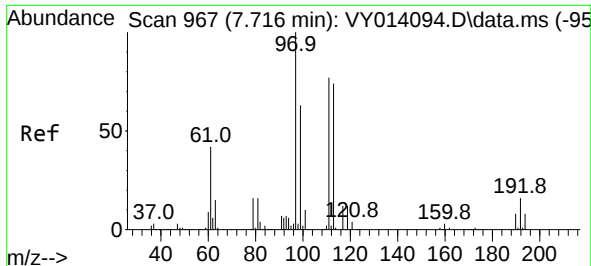
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

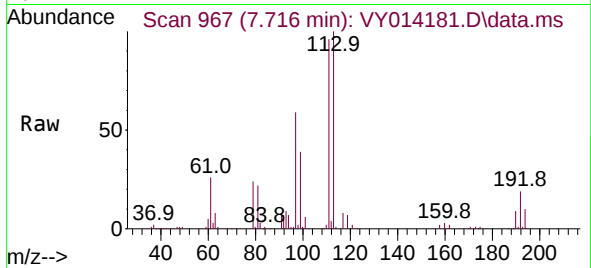
88 13.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 59.387 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

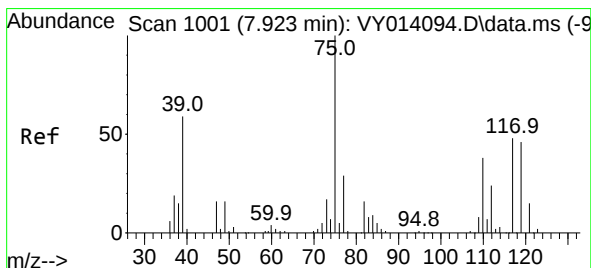
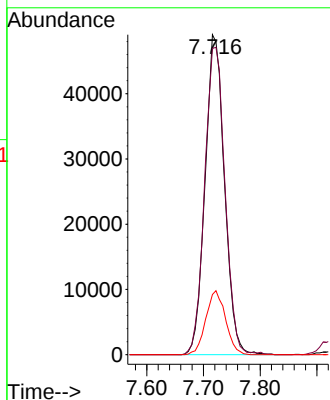
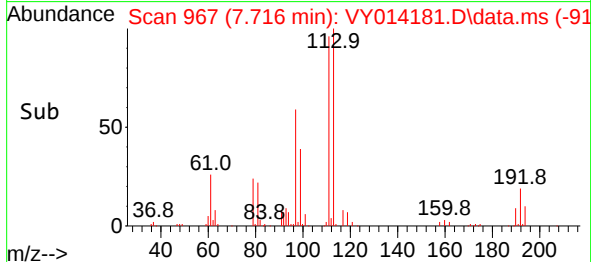
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 113 Resp: 11654
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 20.3 16.9 25.3

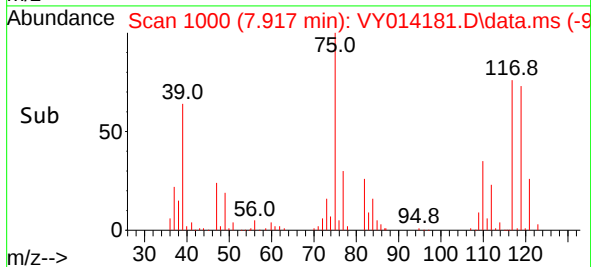
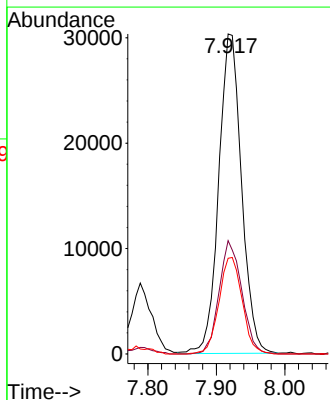
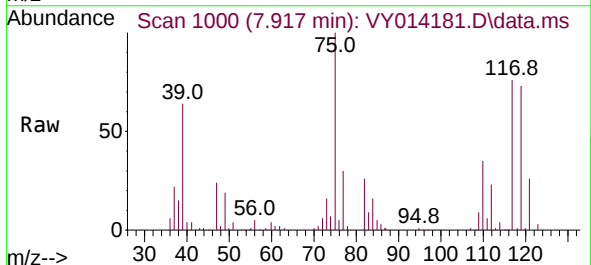
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
1,1-Dichloropropene
Concen: 22.907 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

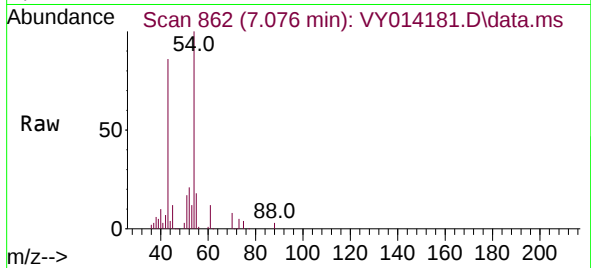
Tgt Ion: 75 Resp: 70084
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 22.432 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

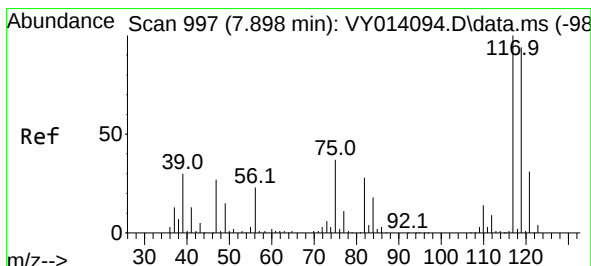
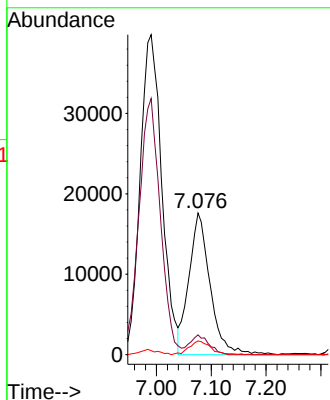
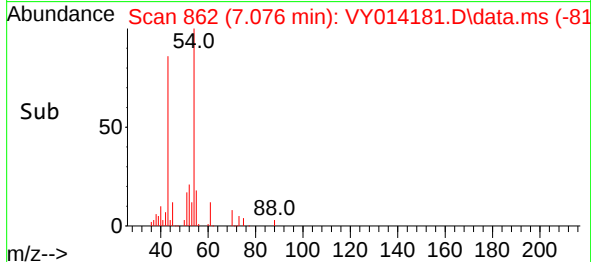
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 9.5 7.1 10.7

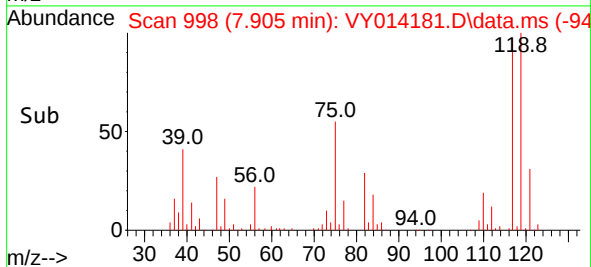
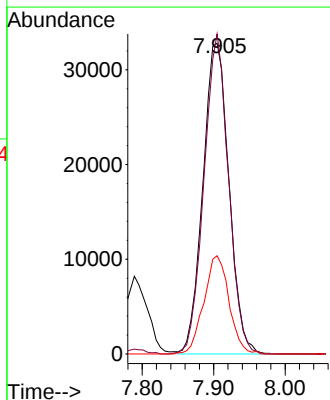
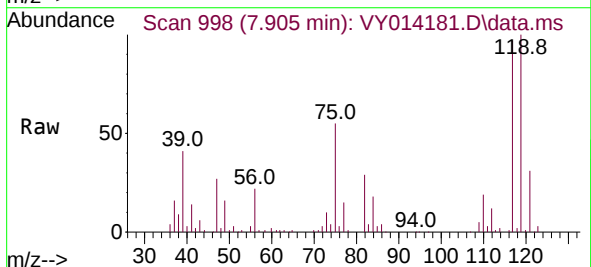
Manual Integrations
APPROVED

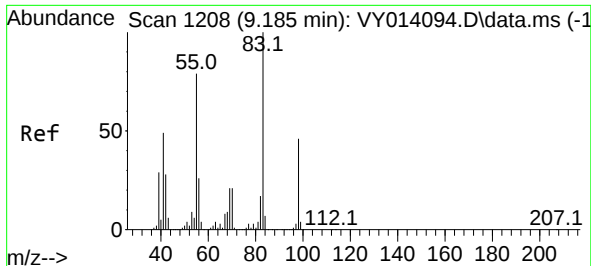
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#38
Carbon Tetrachloride
Concen: 23.572 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

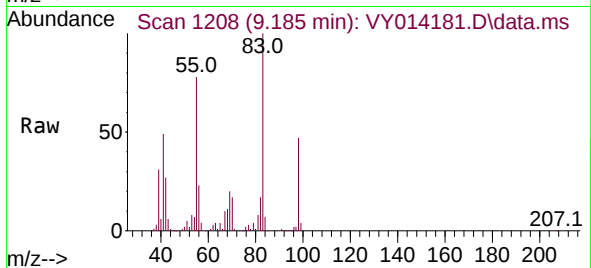
Tgt Ion:117 Resp: 83222
Ion Ratio Lower Upper
117 100
119 103.0 76.4 114.6
121 31.6 25.8 38.6





#39
Methylcyclohexane
Concen: 22.525 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

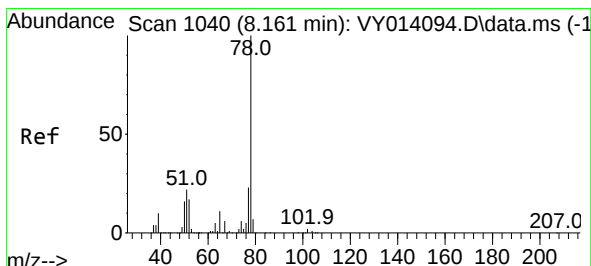
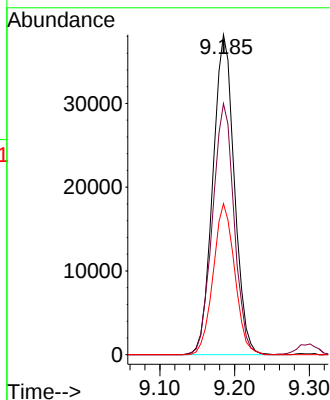
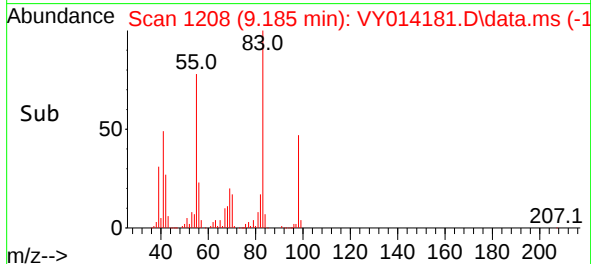
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 83 Resp: 7646
Ion Ratio Lower Upper
83 100
55 78.5 63.0 94.4
98 47.2 37.4 56.2

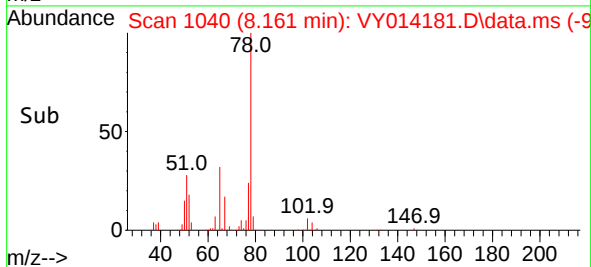
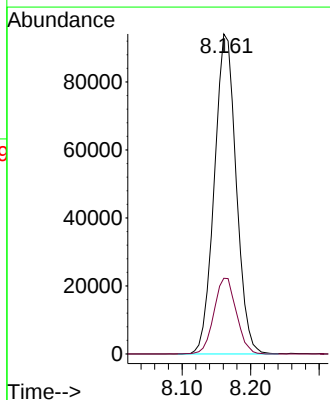
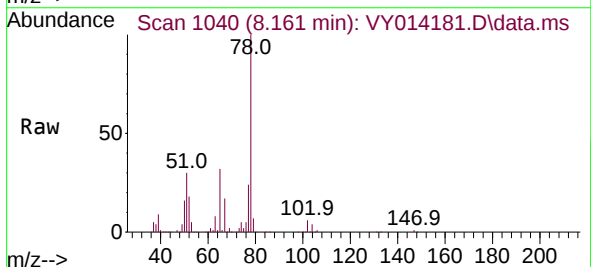
Manual Integrations
APPROVED

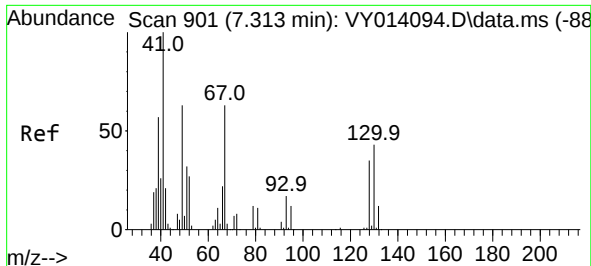
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#40
Benzene
Concen: 22.884 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

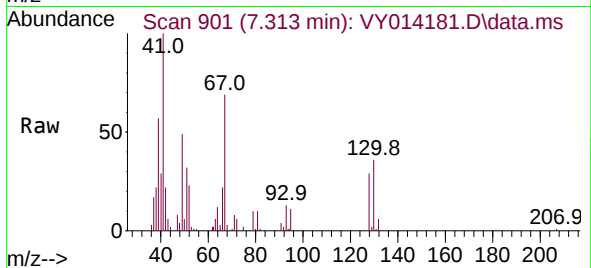
Tgt Ion: 78 Resp: 208194
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.890 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

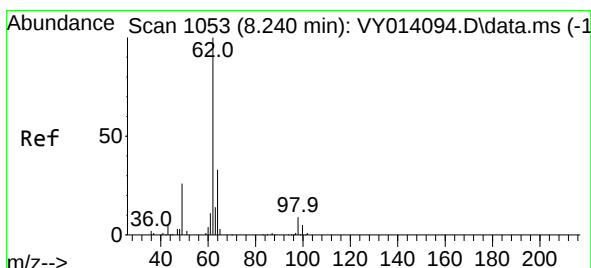
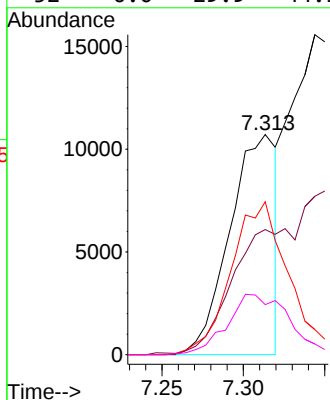
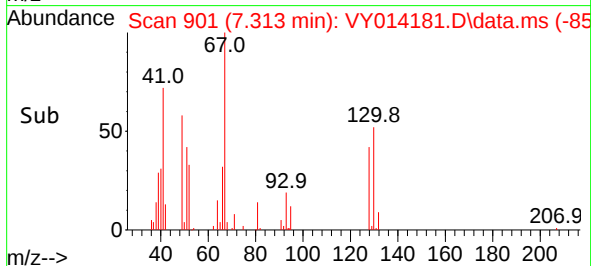
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 41 Resp: 21429
Ion Ratio Lower Upper
41 100
39 87.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

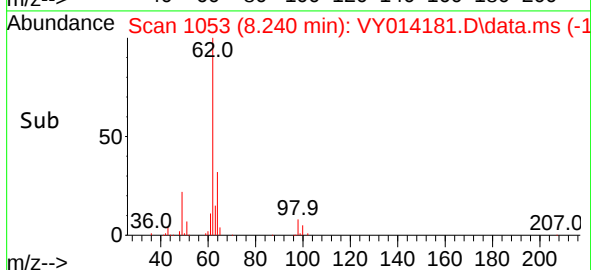
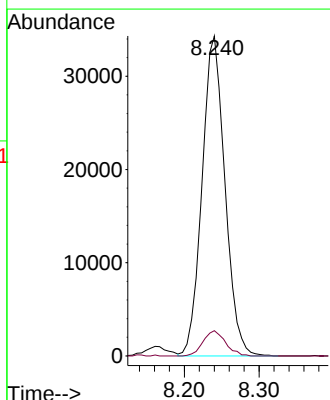
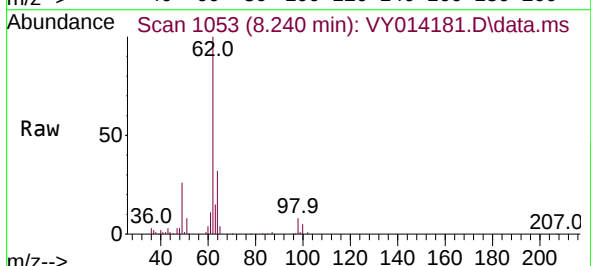
Manual Integrations
APPROVED

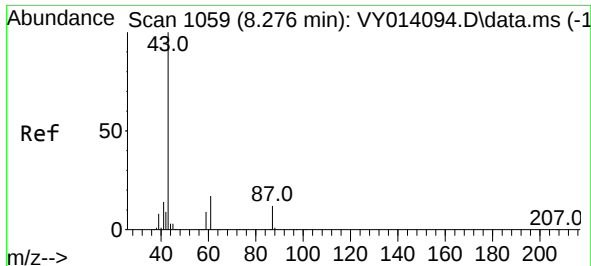
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
1,2-Dichloroethane
Concen: 22.717 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

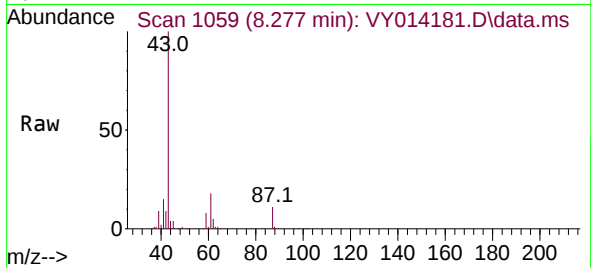
Tgt Ion: 62 Resp: 73086
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 22.552 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

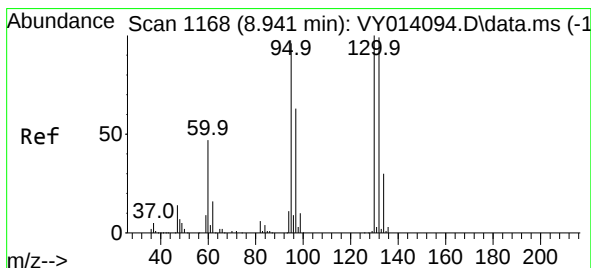
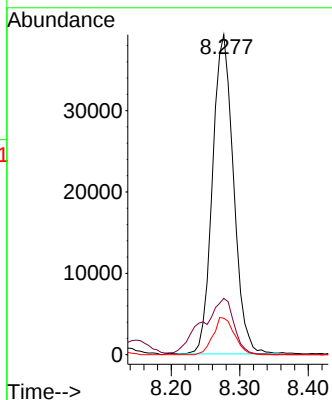
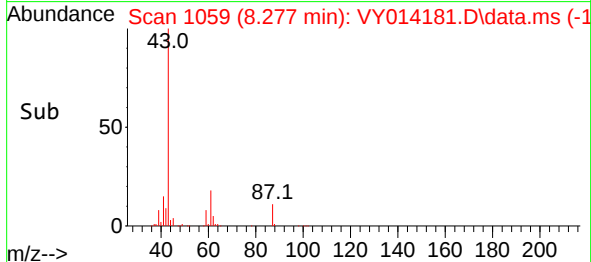
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 43 Resp: 83439
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 11.8 9.8 14.8

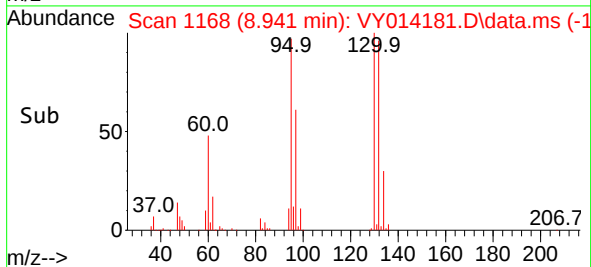
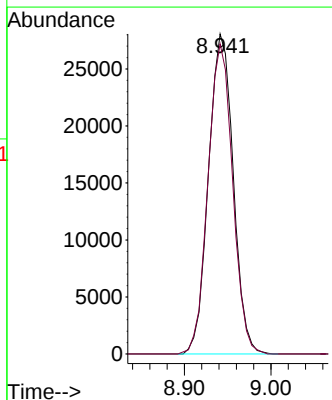
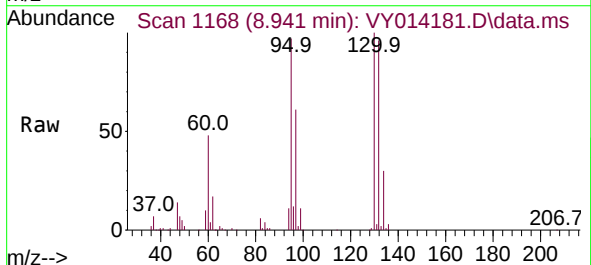
Manual Integrations
APPROVED

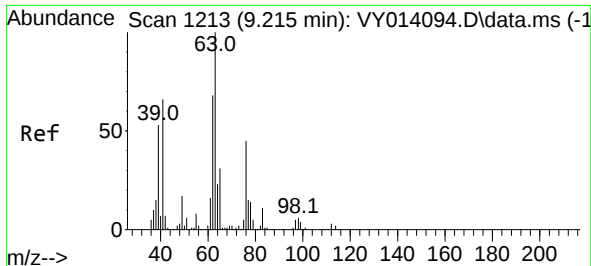
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Trichloroethene
Concen: 22.891 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:130 Resp: 55641
Ion Ratio Lower Upper
130 100
95 96.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 22.031 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tgt Ion: 63 Resp: 50910

Ion Ratio Lower Upper

63 100

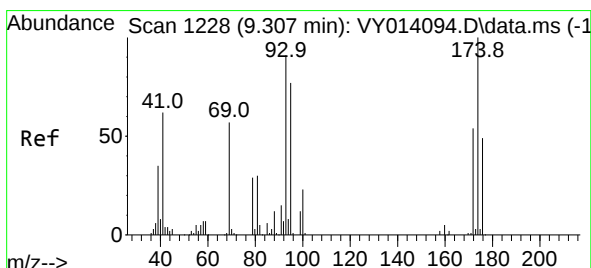
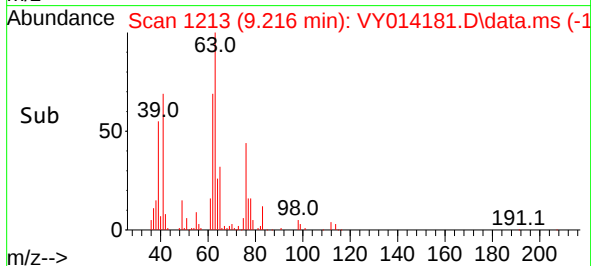
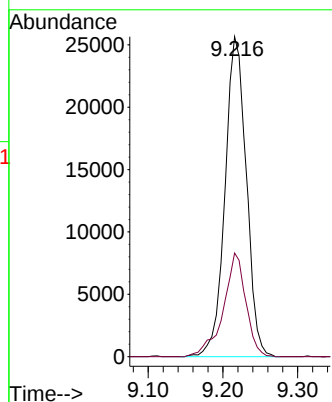
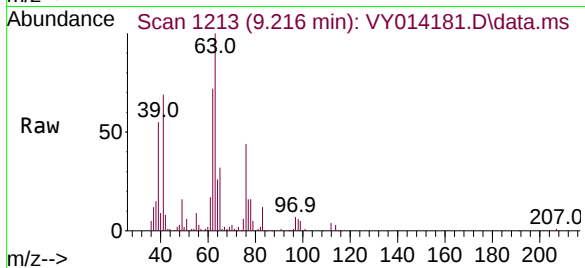
65 32.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#46

Dibromomethane

Concen: 22.577 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

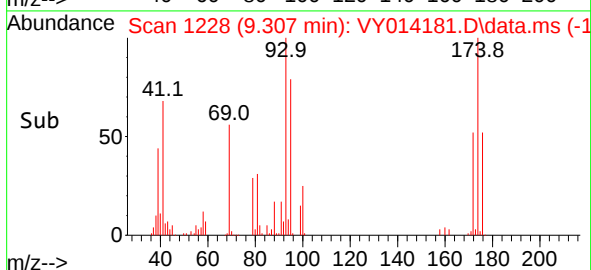
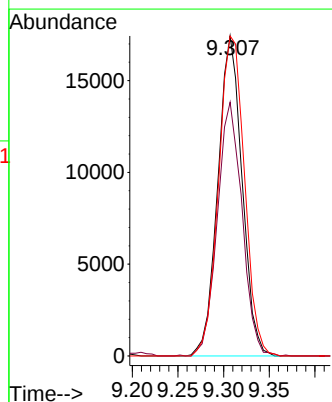
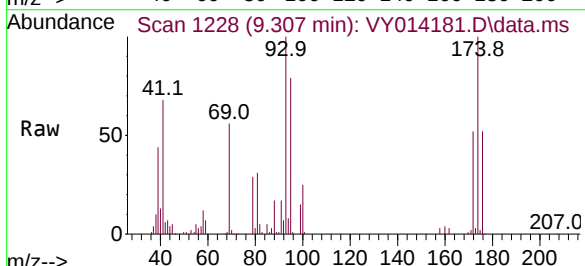
Tgt Ion: 93 Resp: 32114

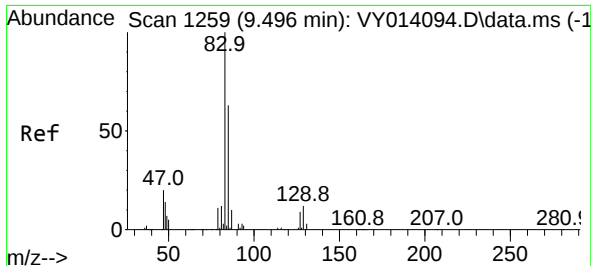
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

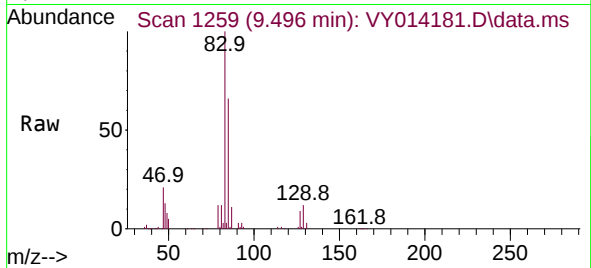
174 107.0 84.8 127.2





#47
Bromodichloromethane
Concen: 23.219 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

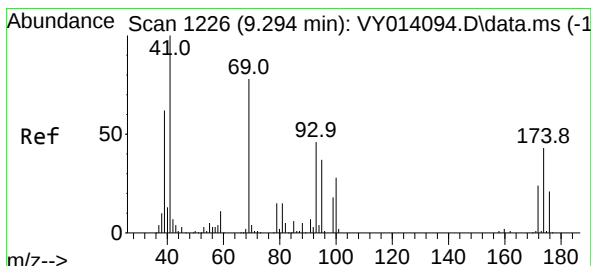
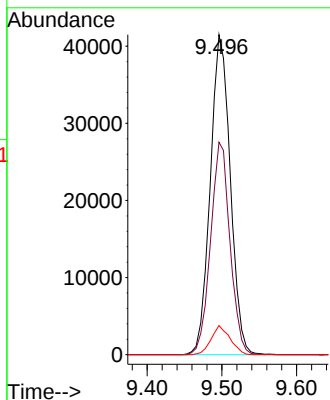
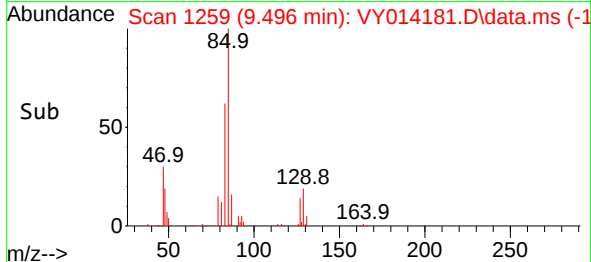
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



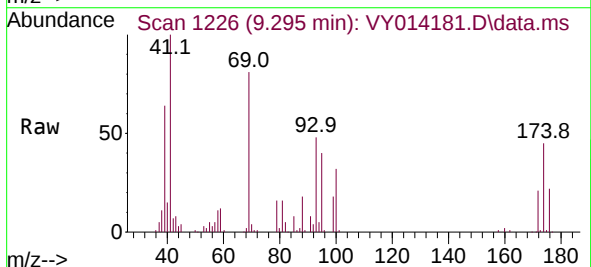
Tgt Ion: 83 Resp: 7733
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.1 7.1 10.7

Manual Integrations
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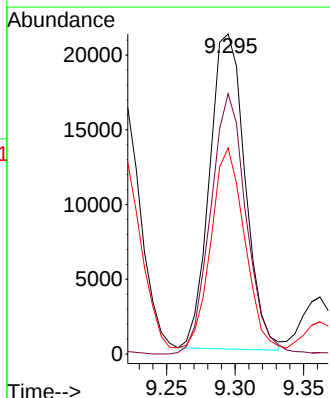
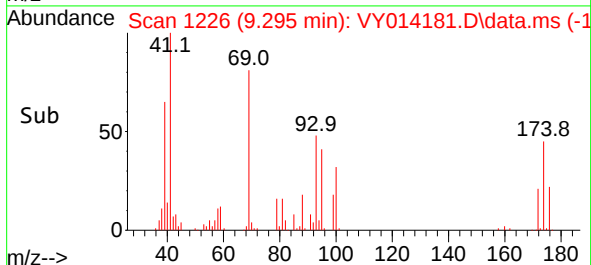
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

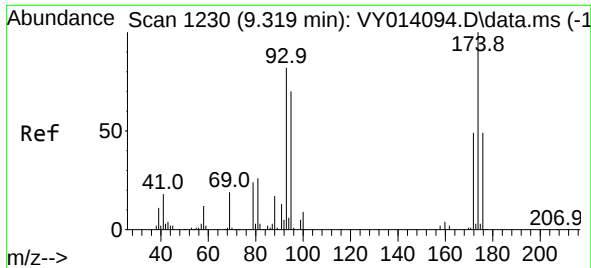


#48
Methyl methacrylate
Concen: 22.034 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion: 41 Resp: 38024
Ion Ratio Lower Upper
41 100
69 83.3 64.5 96.7
39 62.8 50.8 76.2





#49

1,4-Dioxane

Concen: 471.776 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014181.D

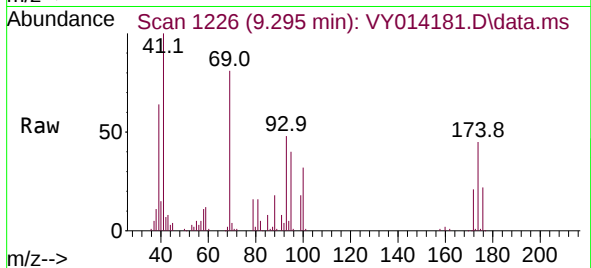
Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01



Tgt Ion: 88 Resp: 852

Ion Ratio Lower Upper

88 100

43 34.2 0.0 0.0

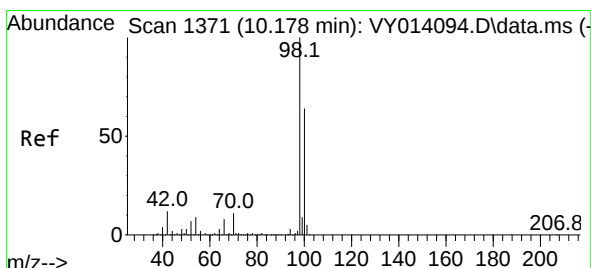
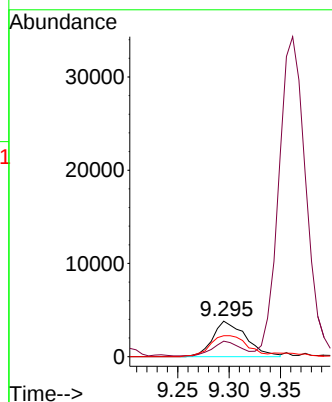
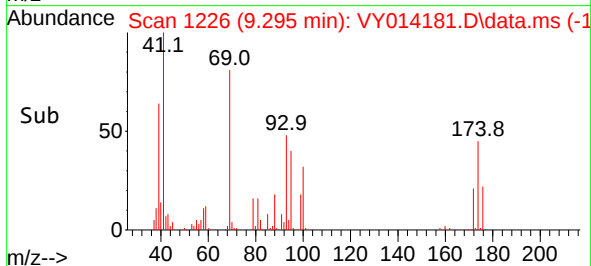
58 66.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

Toluene-d8

Concen: 54.840 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014181.D

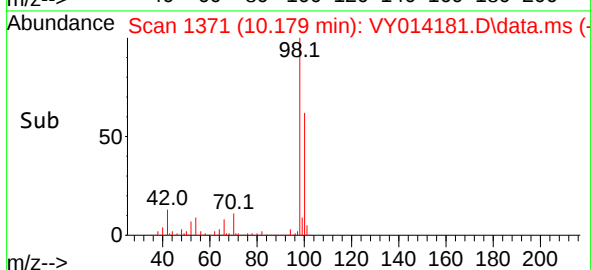
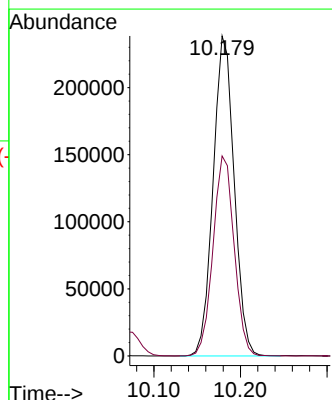
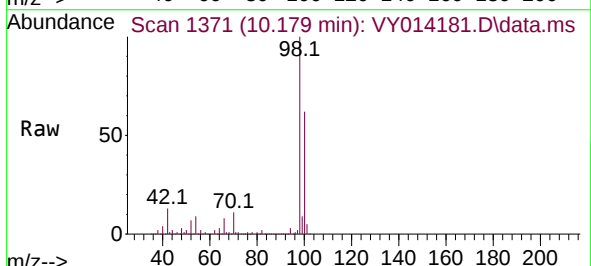
Acq: 15 Jun 2023 11:57

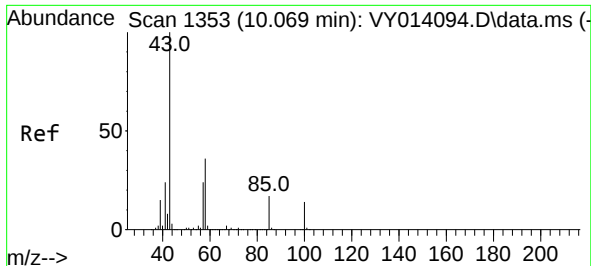
Tgt Ion: 98 Resp: 402352

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1





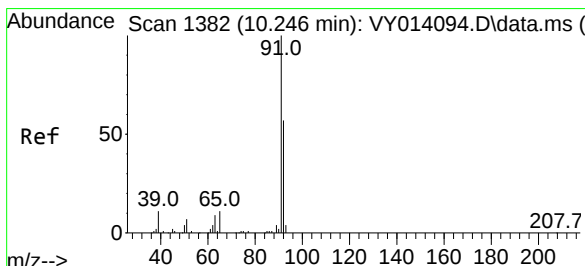
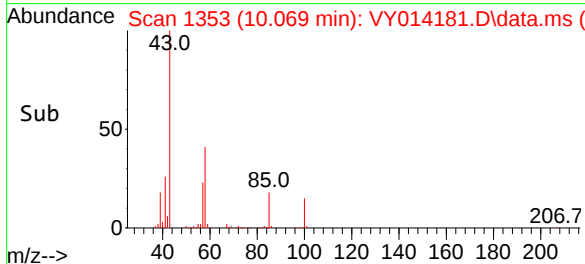
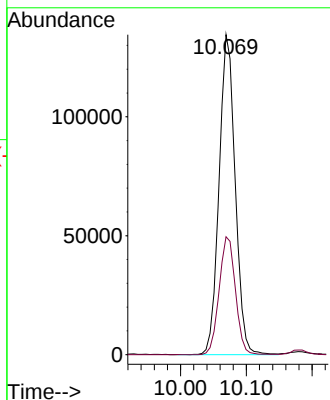
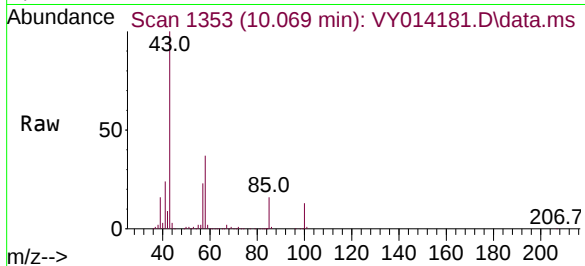
#51
4-Methyl-2-Pentanone
Concen: 114.187 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tgt Ion: 43 Resp: 22953
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6

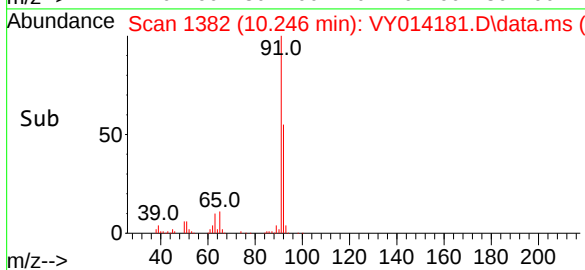
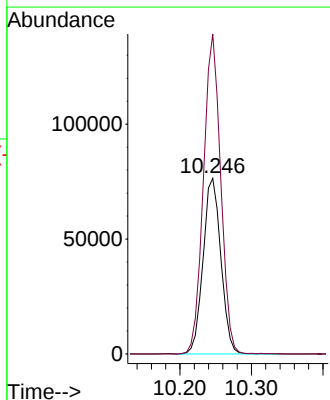
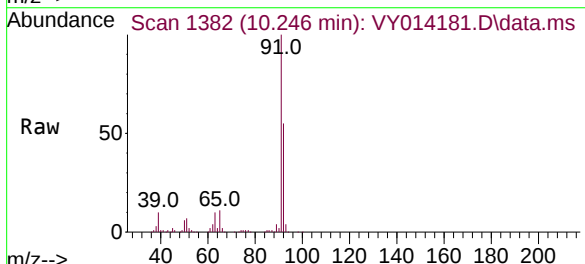
Manual Integrations
APPROVED

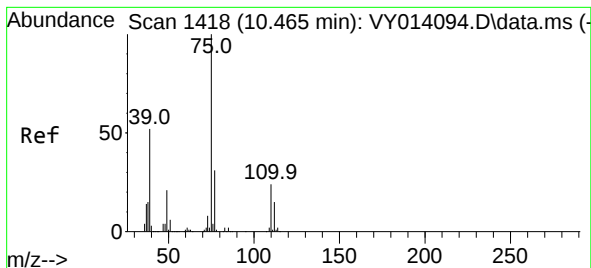
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Toluene
Concen: 23.401 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

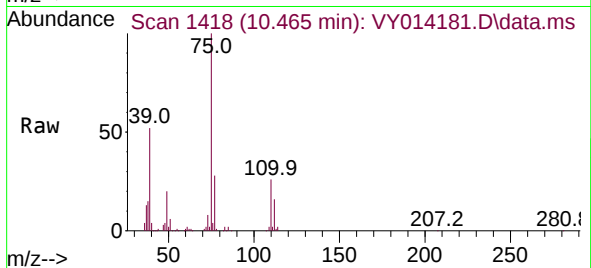
Tgt Ion: 92 Resp: 131972
Ion Ratio Lower Upper
92 100
91 176.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 22.376 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

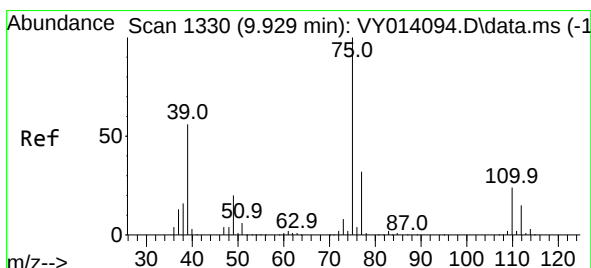
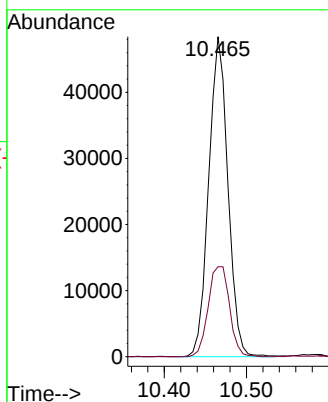
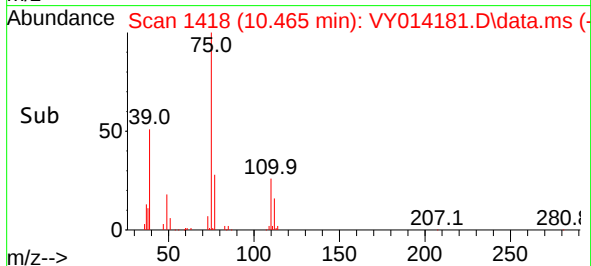
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 75 Resp: 78452
Ion Ratio Lower Upper
75 100
77 28.1 25.0 37.4

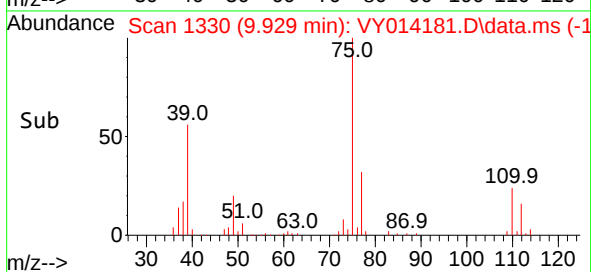
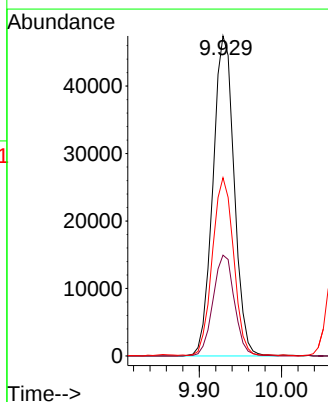
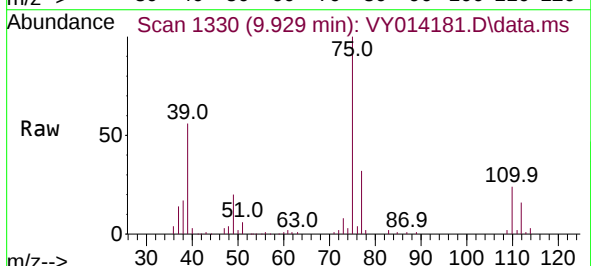
Manual Integrations
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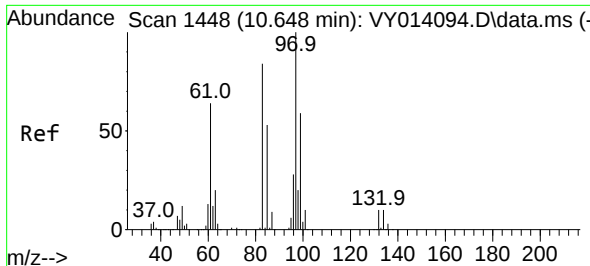
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
cis-1,3-Dichloropropene
Concen: 22.224 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

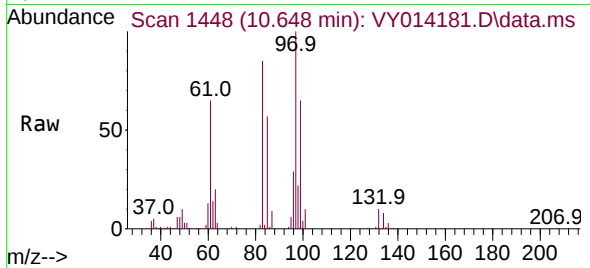
Tgt Ion: 75 Resp: 85017
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 55.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 22.601 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

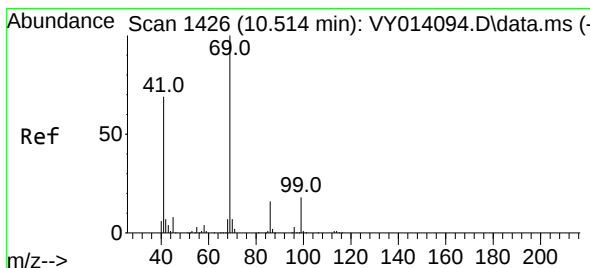
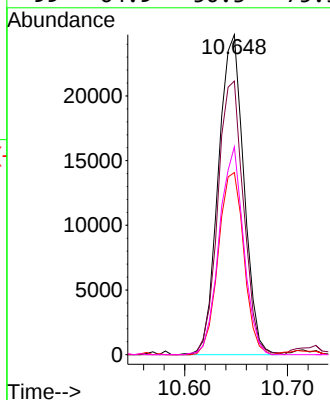
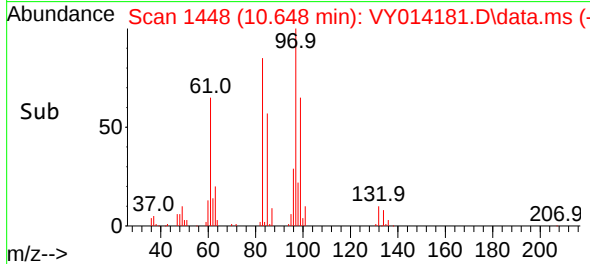
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



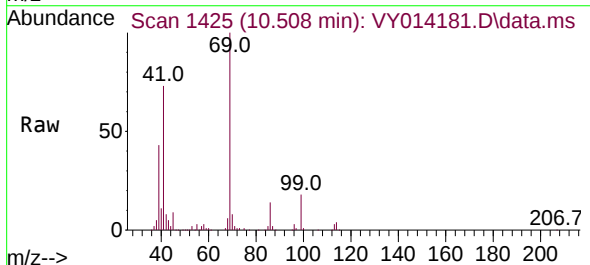
Tgt Ion:	97	Resp:	4264
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.0	108.0
85	56.9	45.4	68.0
99	64.9	50.3	75.5

Manual Integrations
APPROVED

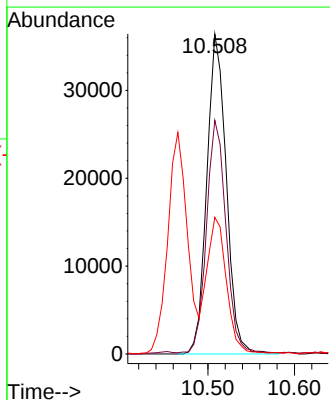
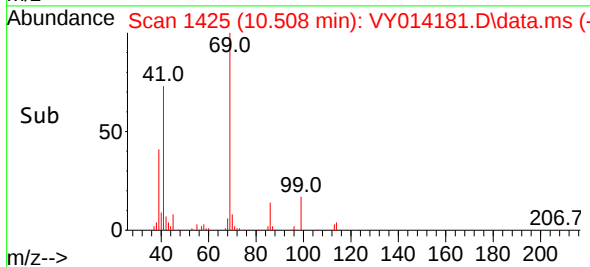
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

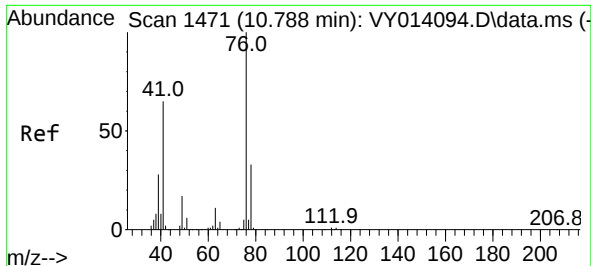


#56
Ethyl methacrylate
Concen: 21.850 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion:	69	Resp:	56861
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.6	86.4
39	42.5	34.1	51.1





#57

1,3-Dichloropropane

Concen: 22.702 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014181.D

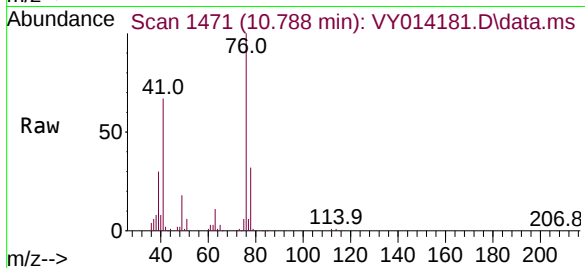
Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01



Tgt Ion: 76 Resp: 73254

Ion Ratio Lower Upper

76 100

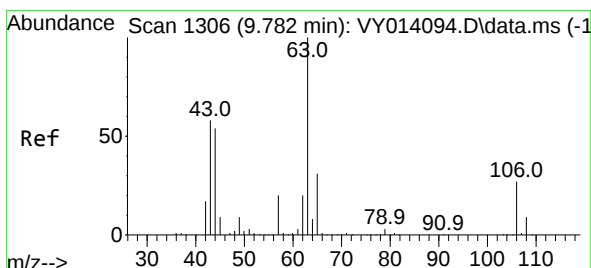
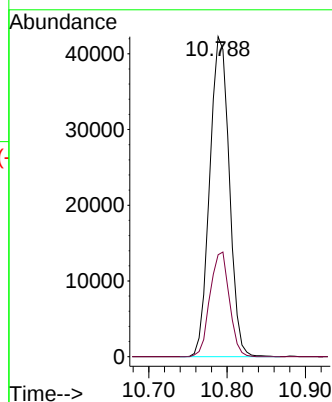
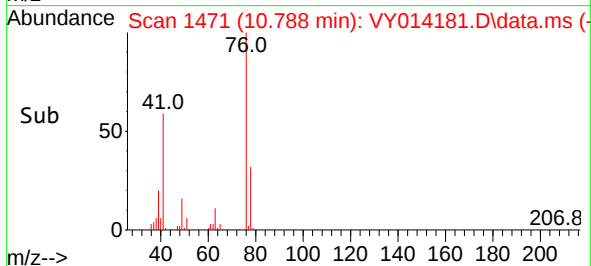
78 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 89.552 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014181.D

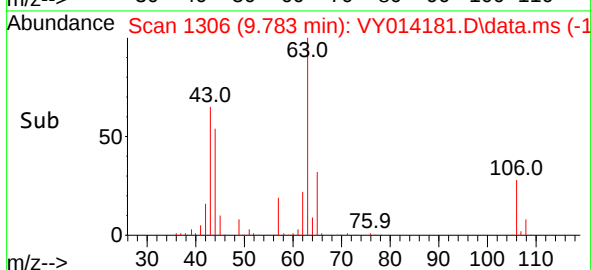
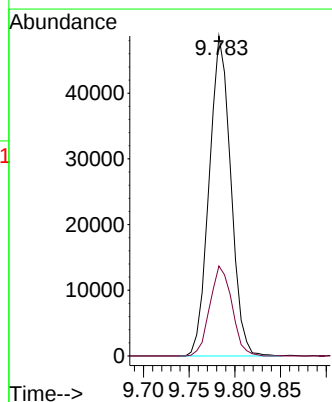
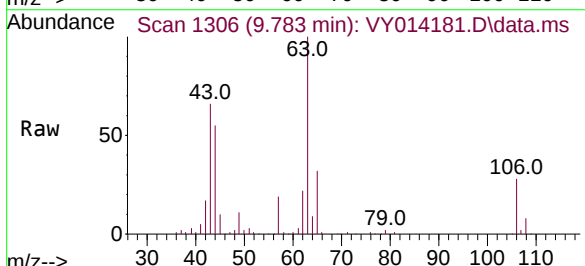
Acq: 15 Jun 2023 11:57

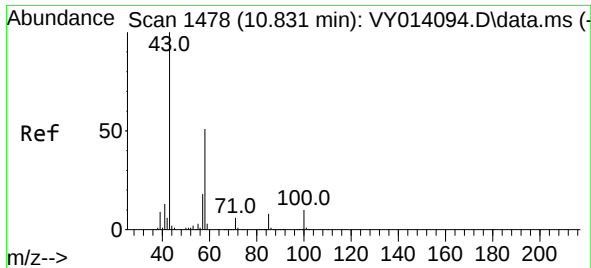
Tgt Ion: 63 Resp: 80014

Ion Ratio Lower Upper

63 100

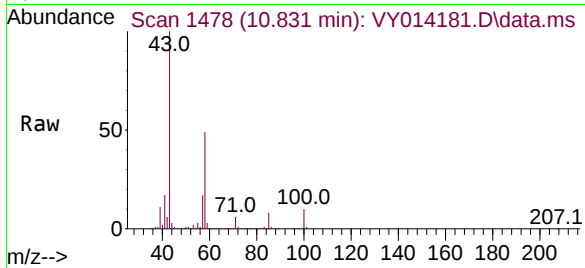
106 28.8 21.2 31.8





#59
2-Hexanone
Concen: 114.177 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

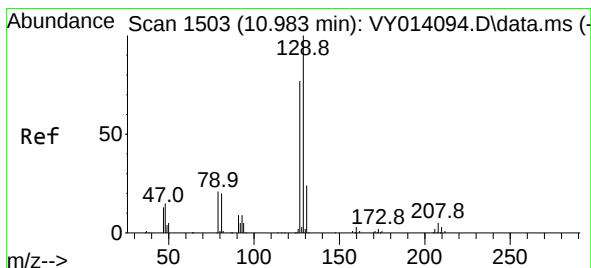
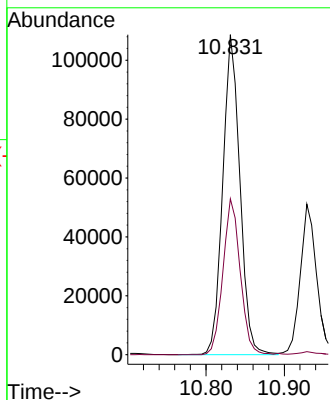
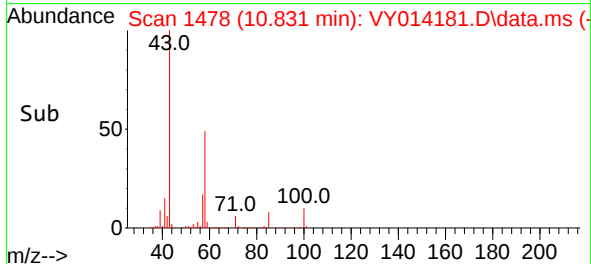
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion: 43 Resp: 16576
Ion Ratio Lower Upper
43 100
58 49.0 25.1 75.3

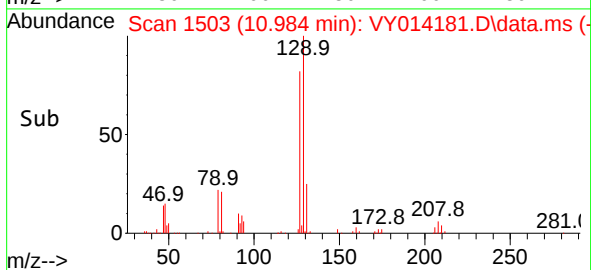
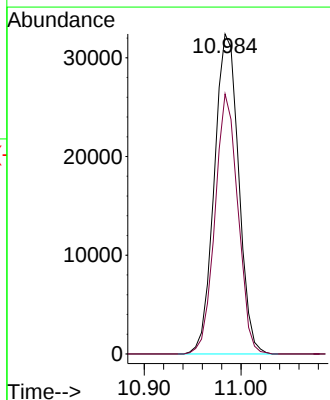
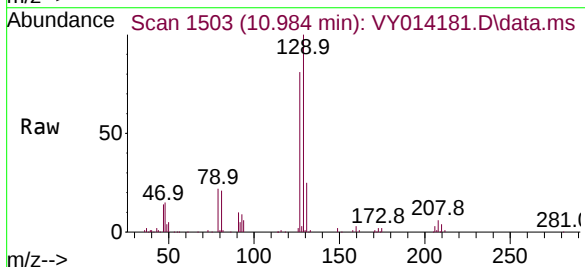
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
Dibromochloromethane
Concen: 23.449 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

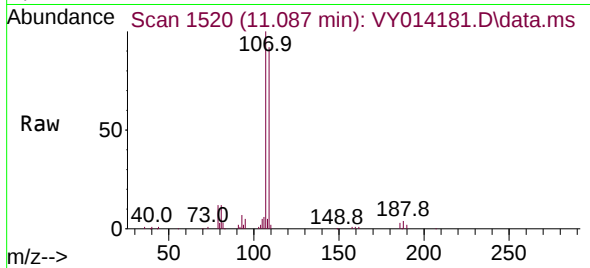
Tgt Ion:129 Resp: 56623
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 22.533 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

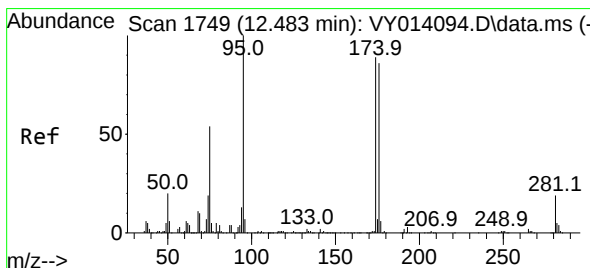
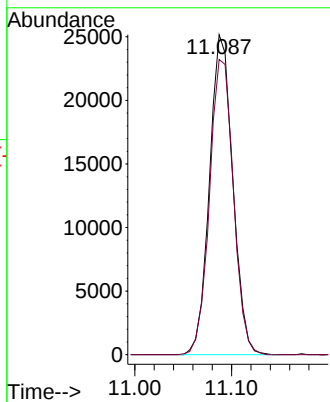
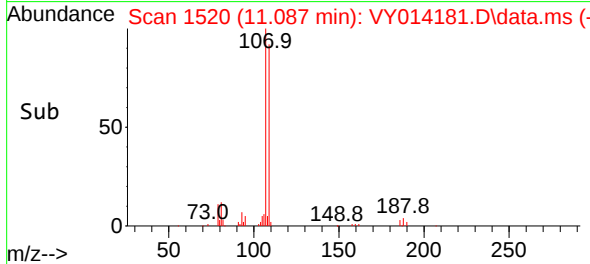
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



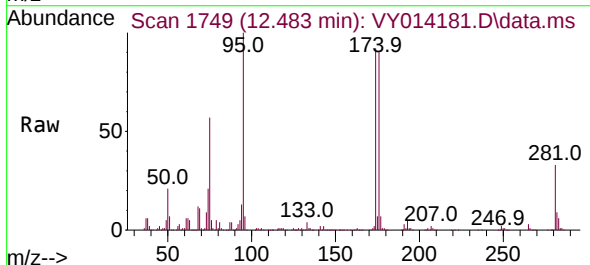
Tgt Ion:107 Resp: 4195
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
APPROVED

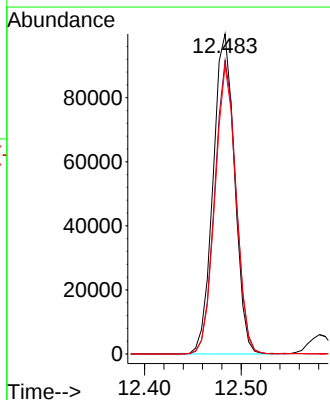
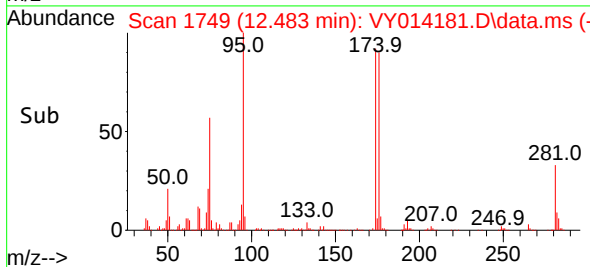
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#62
4-Bromofluorobenzene
Concen: 59.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



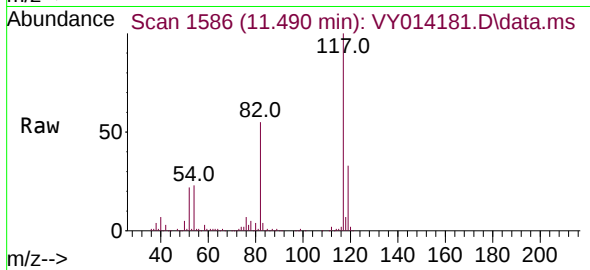
Tgt Ion: 95 Resp: 153897
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 88.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

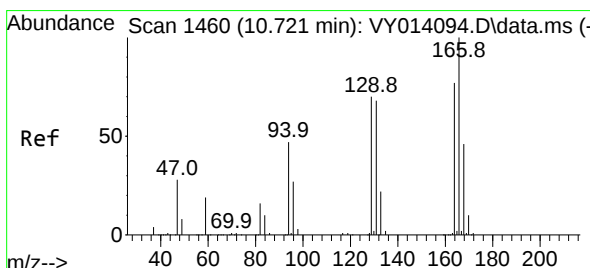
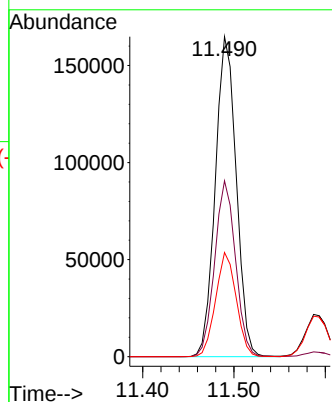
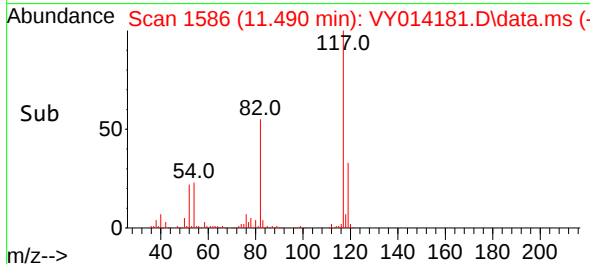
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



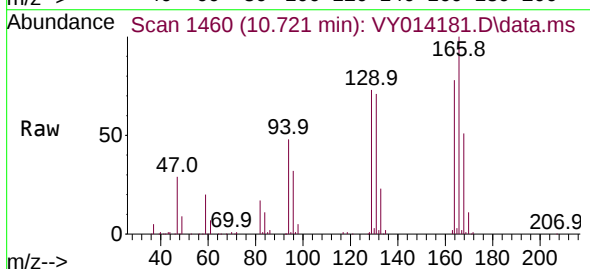
Tgt Ion:117 Resp: 26252
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.5 26.3 39.5

Manual Integrations
APPROVED

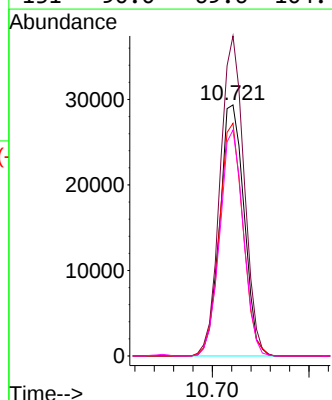
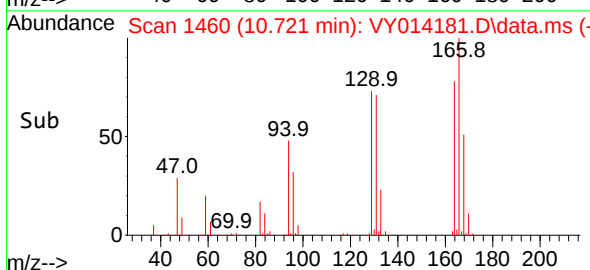
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

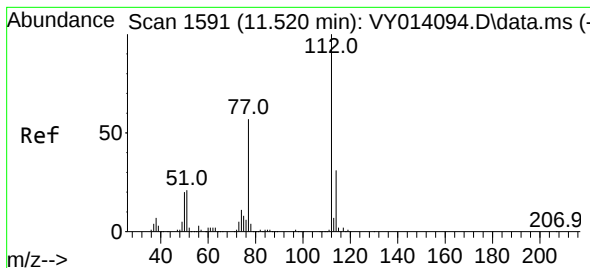


#64
Tetrachloroethene
Concen: 22.910 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



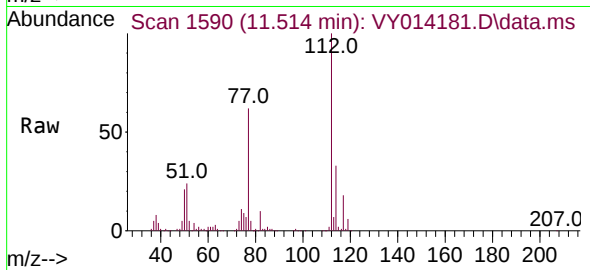
Tgt Ion:164 Resp: 51264
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 92.7 77.2 115.8
131 90.0 69.6 104.4





#65
Chlorobenzene
Concen: 22.409 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

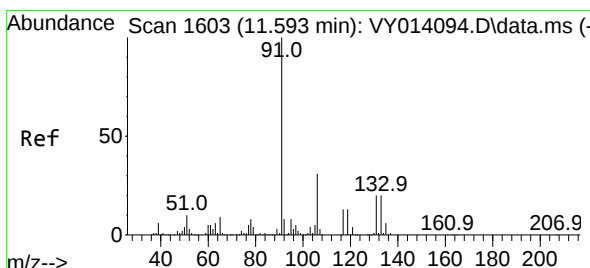
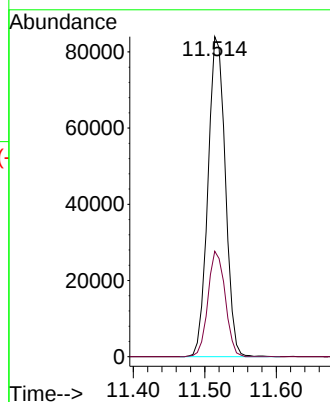
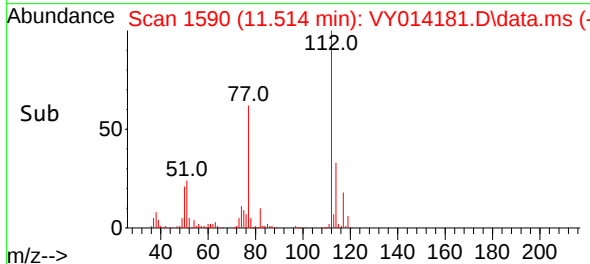
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



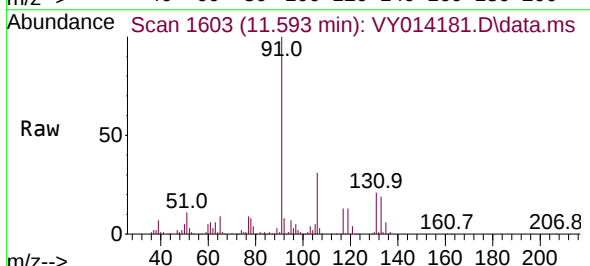
Tgt Ion:112 Resp: 141354
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

Manual Integrations
APPROVED

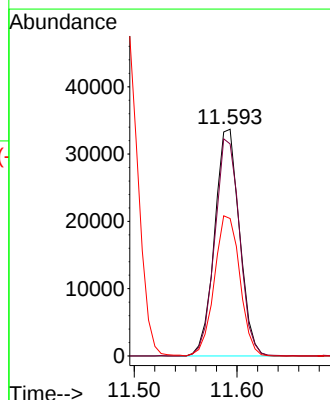
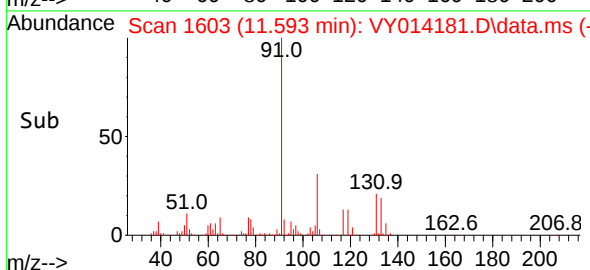
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

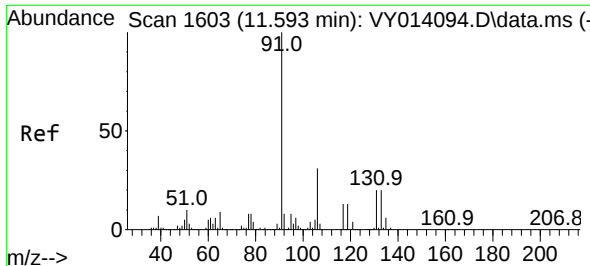


#66
1,1,1,2-Tetrachloroethane
Concen: 22.756 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



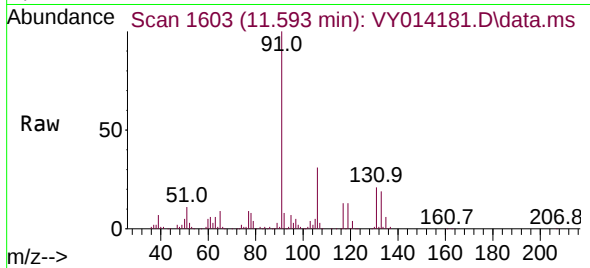
Tgt Ion:131 Resp: 56459
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 63.4 31.6 94.7





#67
Ethyl Benzene
Concen: 22.808 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

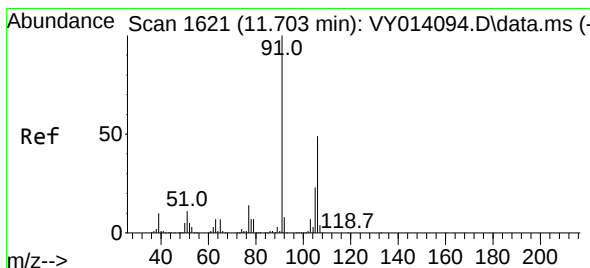
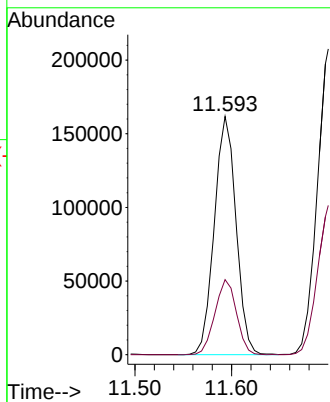
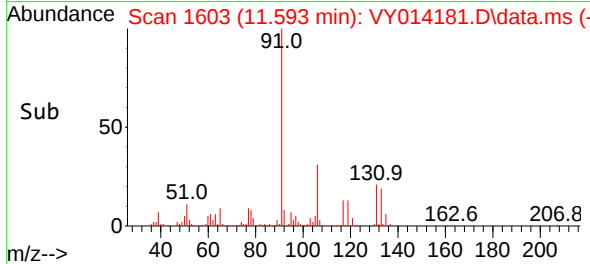
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



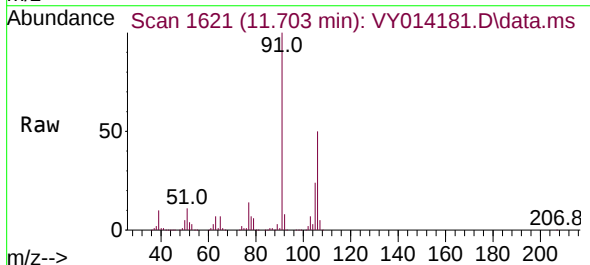
Tgt Ion: 91 Resp: 25183
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

Manual Integrations
APPROVED

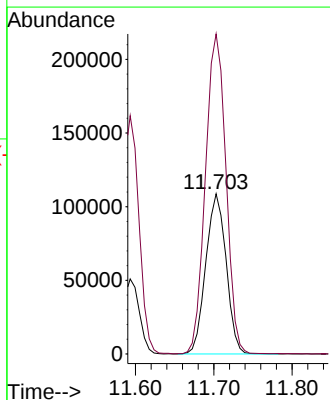
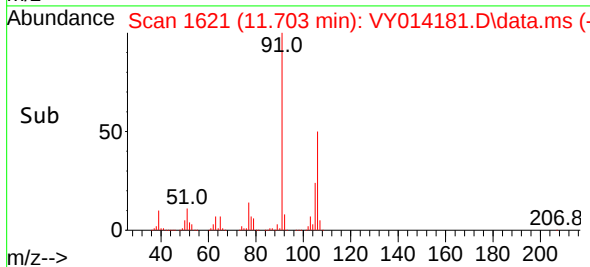
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

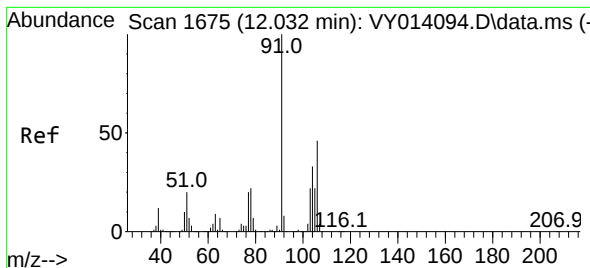


#68
m/p-Xylenes
Concen: 46.137 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion:106 Resp: 195945
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1





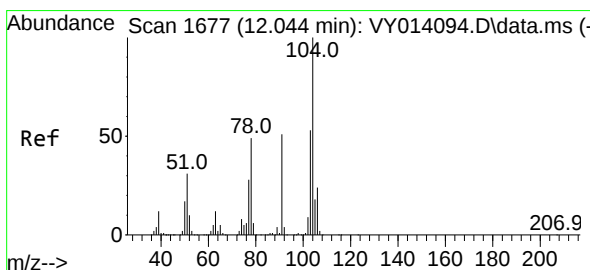
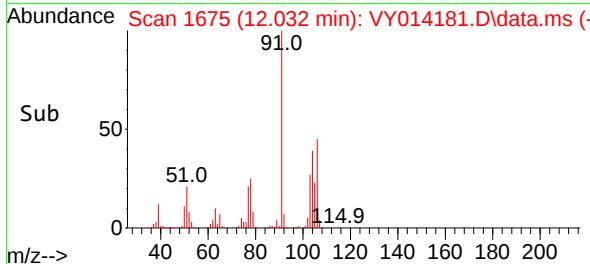
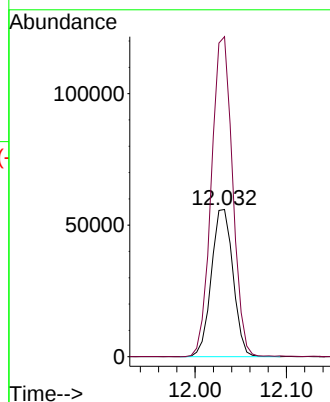
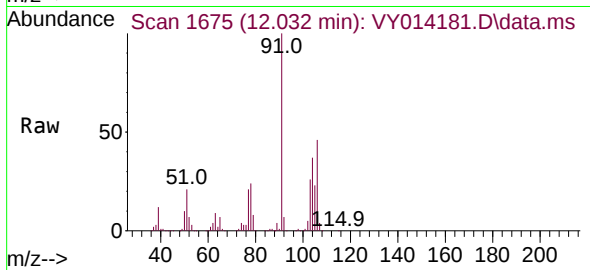
#69
o-Xylene
Concen: 22.982 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tgt Ion:106 Resp: 9227
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3

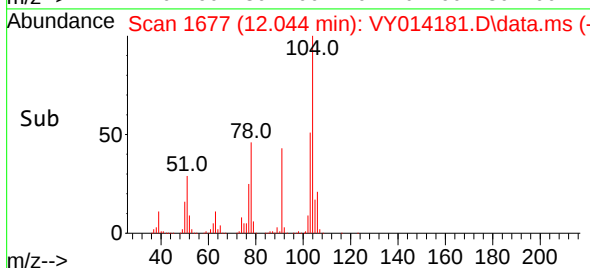
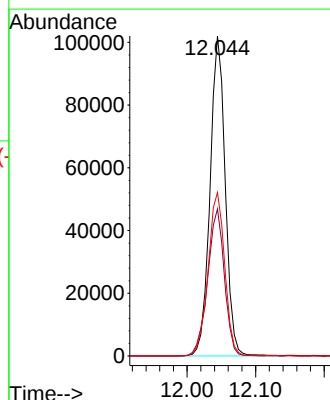
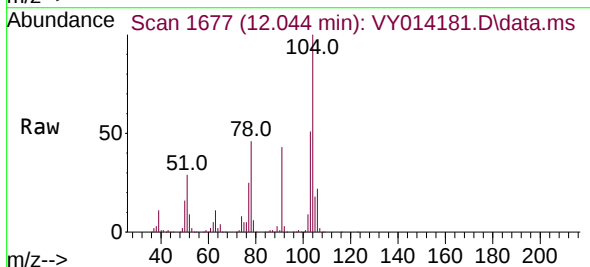
Manual Integrations
APPROVED

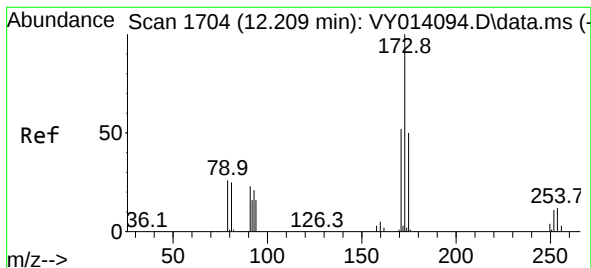
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#70
Styrene
Concen: 23.046 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

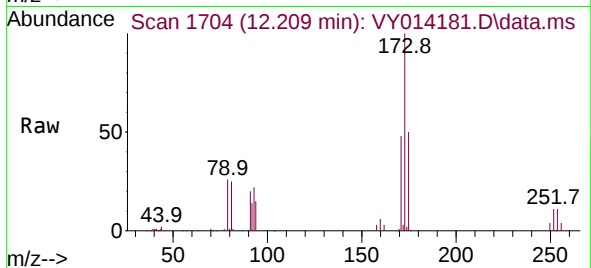
Tgt Ion:104 Resp: 157933
Ion Ratio Lower Upper
104 100
78 50.4 41.5 62.3
103 55.9 44.6 67.0





#71
Bromoform
Concen: 22.856 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

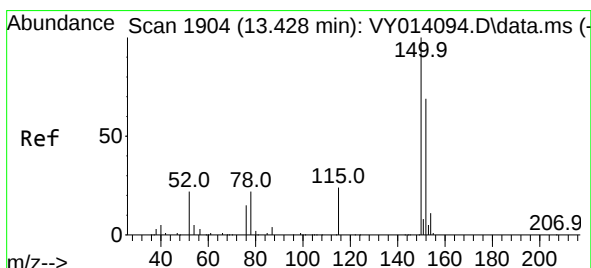
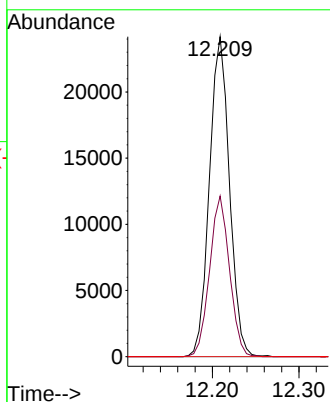
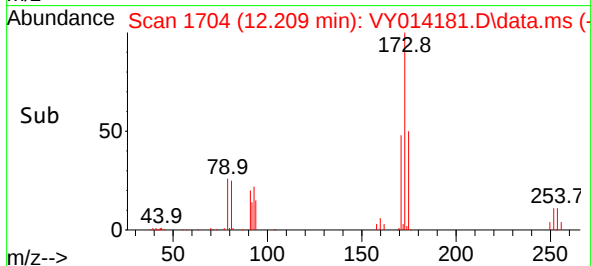
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



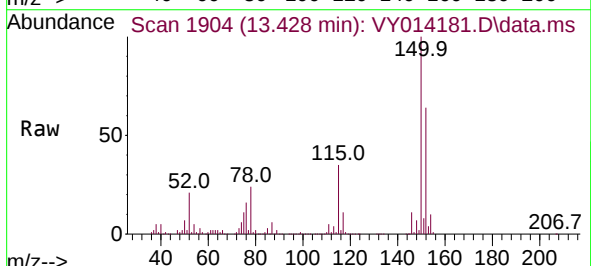
Tgt Ion:173 Resp: 38830
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

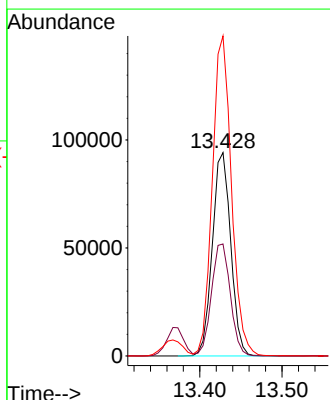
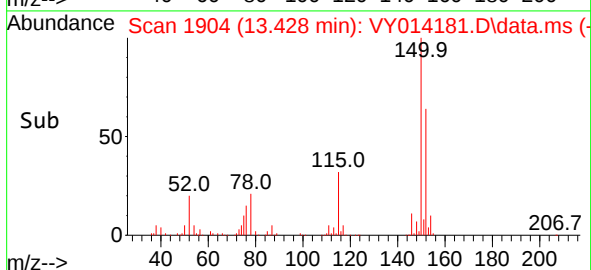
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

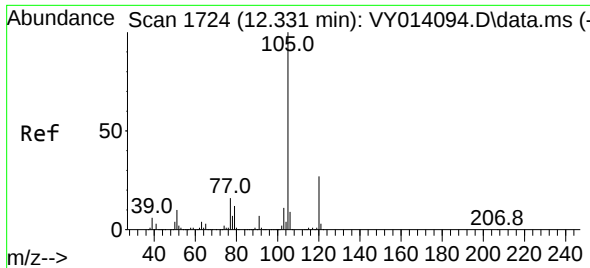


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



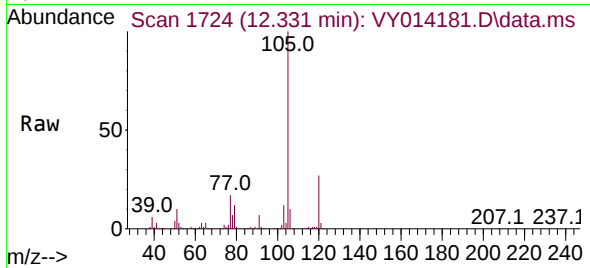
Tgt Ion:152 Resp: 146411
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 163.8 0.0 348.8





#73
Isopropylbenzene
Concen: 21.693 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

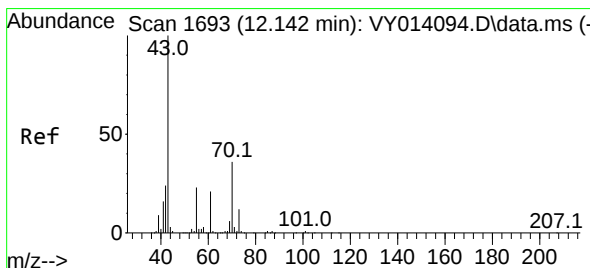
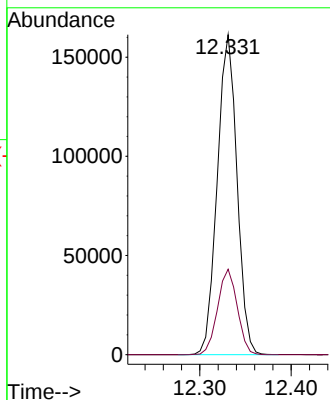
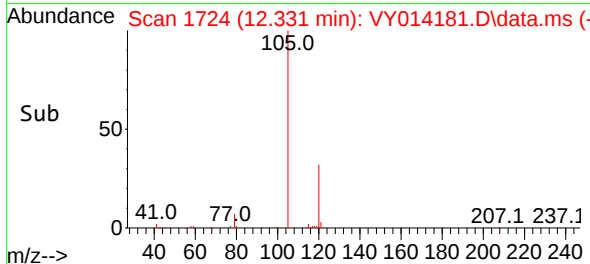
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion:105 Resp: 242289
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

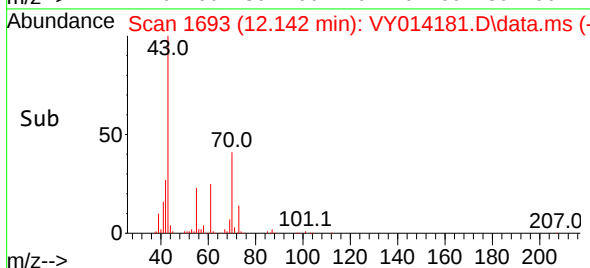
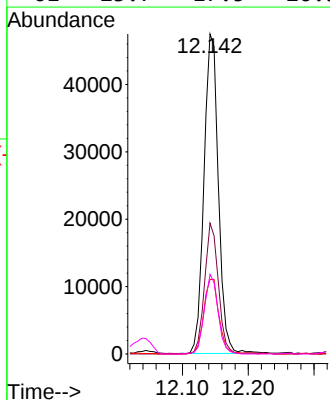
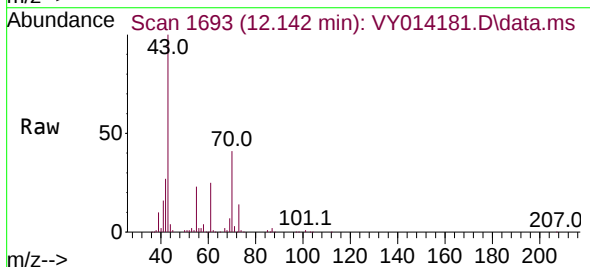
Manual Integrations
APPROVED

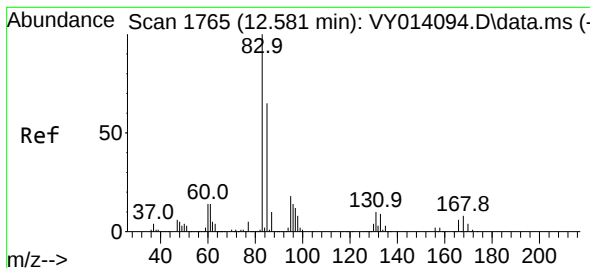
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#74
N-ethyl acetate
Concen: 20.436 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 43 Resp: 72331
Ion Ratio Lower Upper
43 100
70 39.0 29.7 44.5
55 24.8 18.3 27.5
61 23.7 17.5 26.3





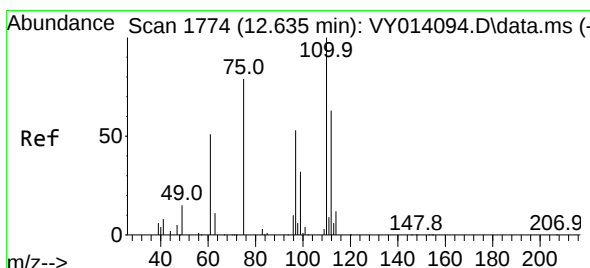
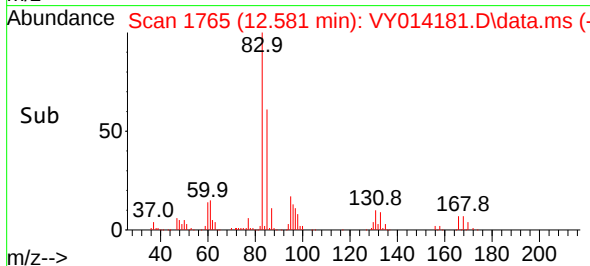
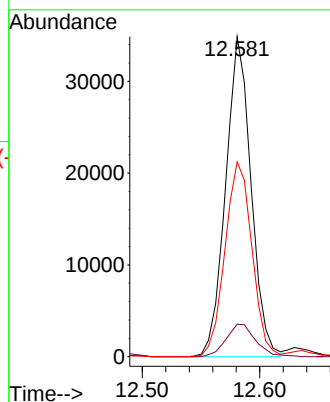
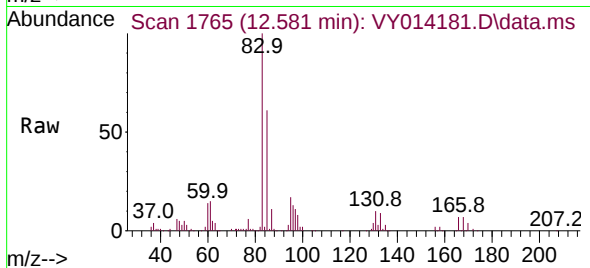
#75
1,1,2,2-Tetrachloroethane
Concen: 21.016 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tgt Ion: 83 Resp: 5245
Ion Ratio Lower Upper
83 100
131 11.8 5.4 16.2
85 64.4 31.8 95.4

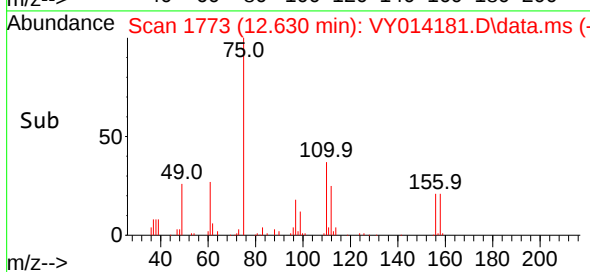
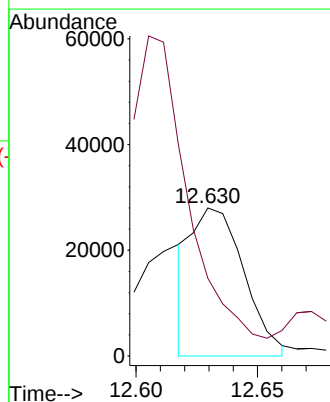
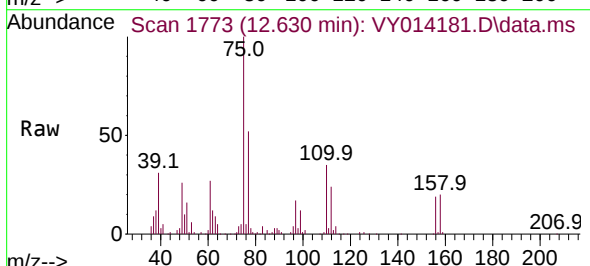
Manual Integrations
APPROVED

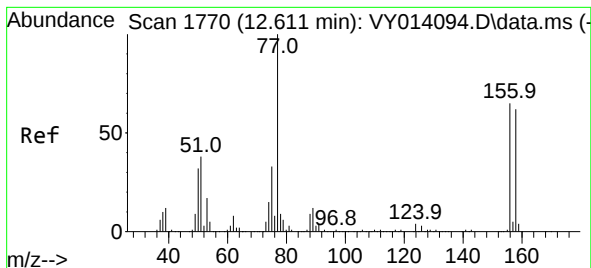
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,2,3-Trichloropropane
Concen: 22.057 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 75 Resp: 42368
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.422 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

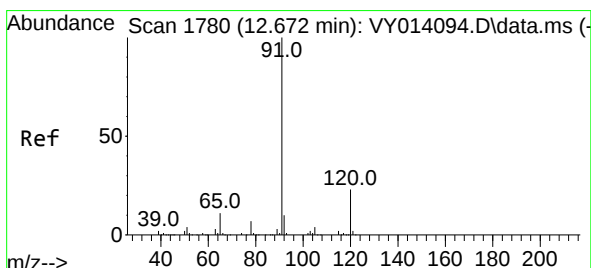
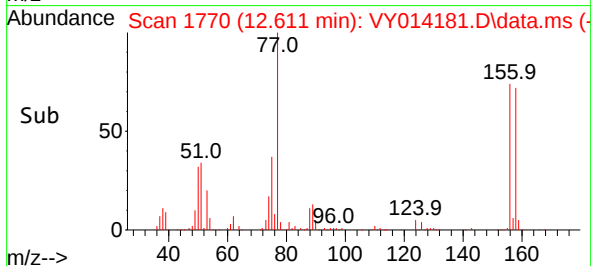
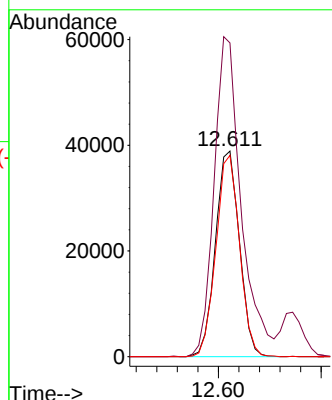
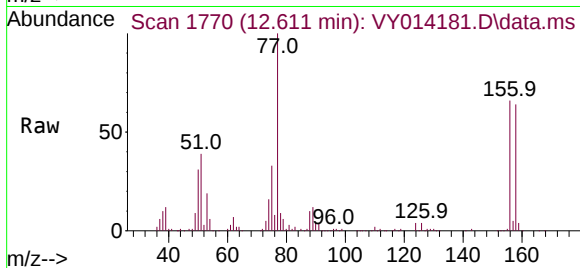
Tgt Ion:	156	Resp:	6288
Ion Ratio	Lower	Upper	
156	100		
77	176.2	92.8	278.6
158	96.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#78

n-propylbenzene

Concen: 21.935 ug/l

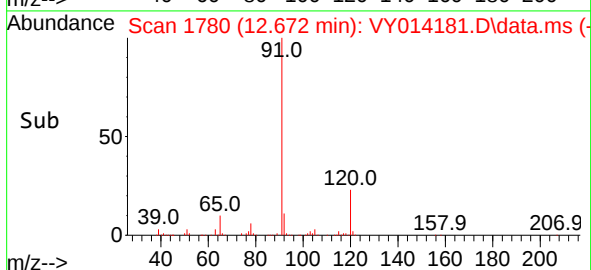
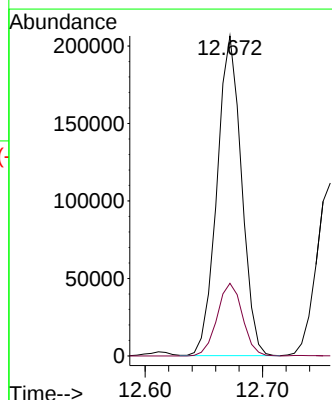
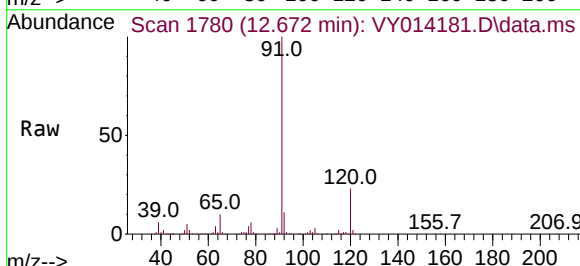
RT: 12.672 min Scan# 1780

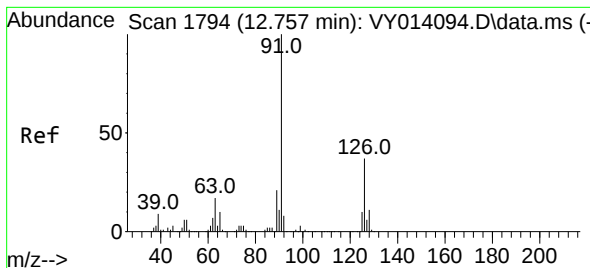
Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion:	91	Resp:	299237
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





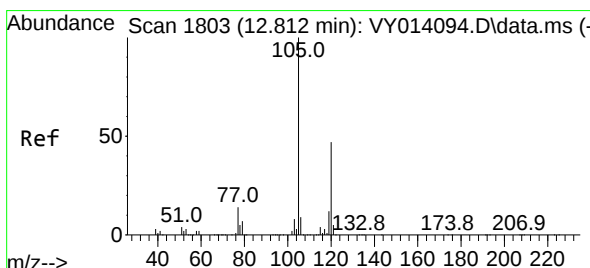
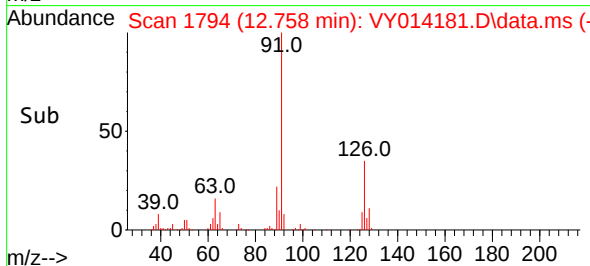
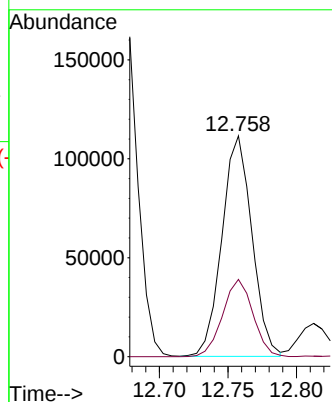
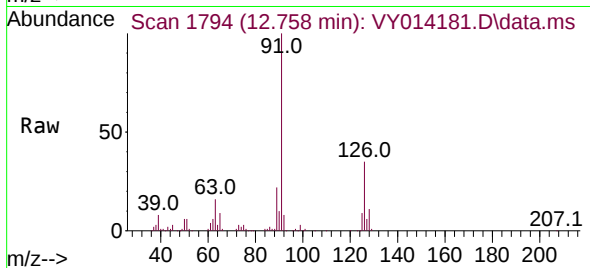
#79
2-Chlorotoluene
Concen: 21.639 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tgt Ion: 91 Resp: 16986
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

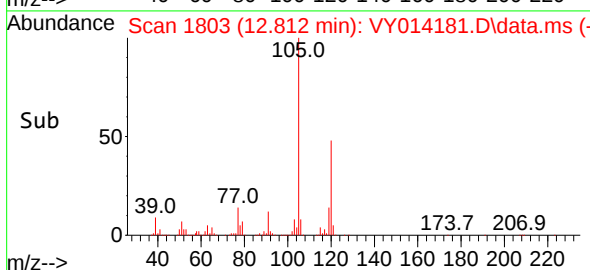
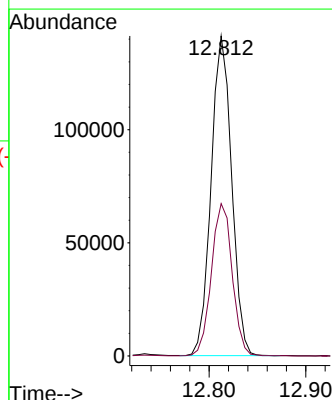
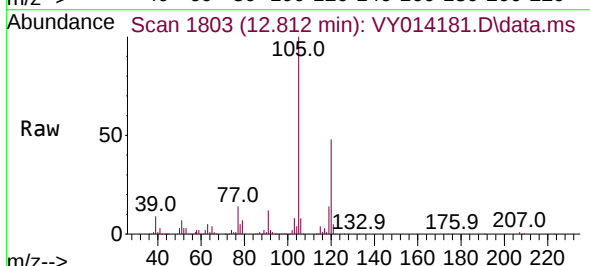
Manual Integrations
APPROVED

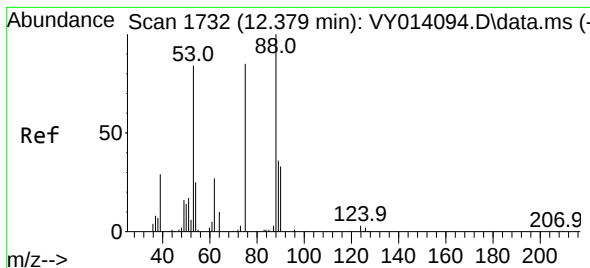
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.840 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

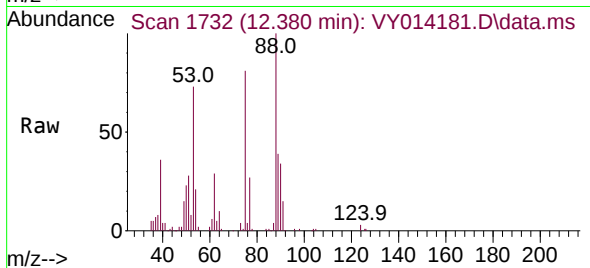
Tgt Ion:105 Resp: 208865
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.682 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

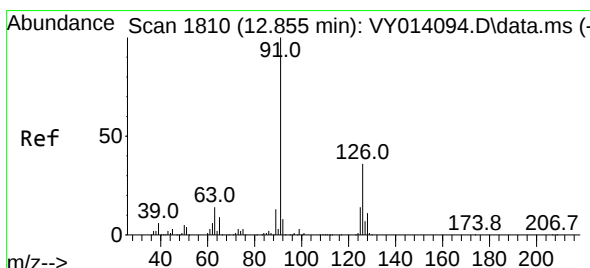
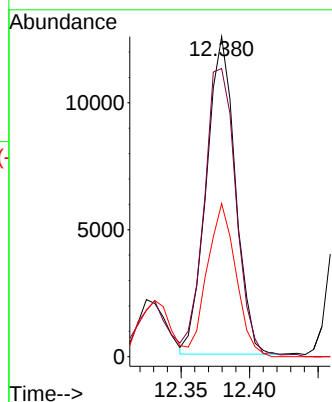
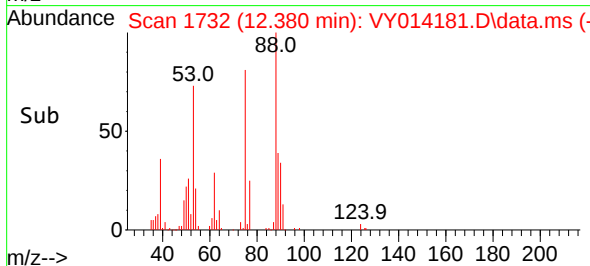
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



Tgt Ion: 75 Resp: 18379
Ion Ratio Lower Upper
75 100
53 100.4 77.8 116.8
89 47.7 37.4 56.0

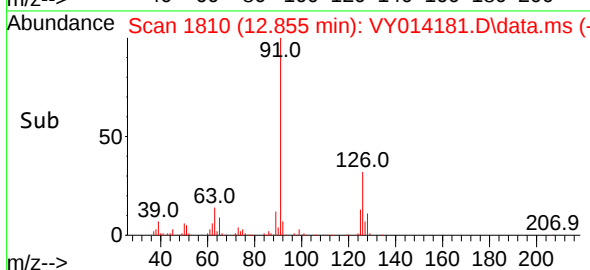
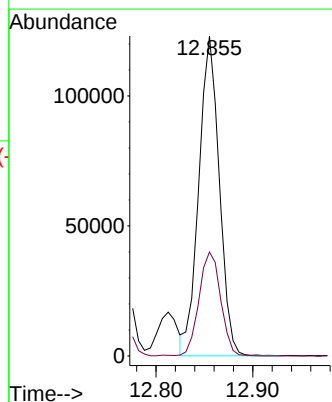
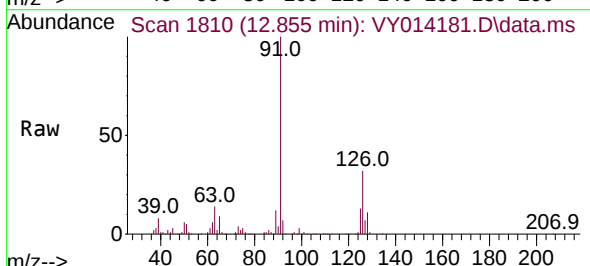
Manual Integrations
APPROVED

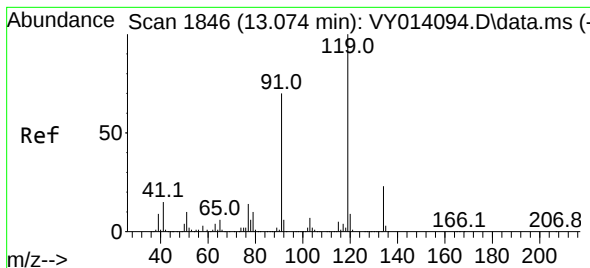
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#82
4-Chlorotoluene
Concen: 21.736 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion: 91 Resp: 180807
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.856 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBSD01

Tgt Ion:119 Resp: 177628

Ion Ratio Lower Upper

119 100

91 67.0 32.9 98.6

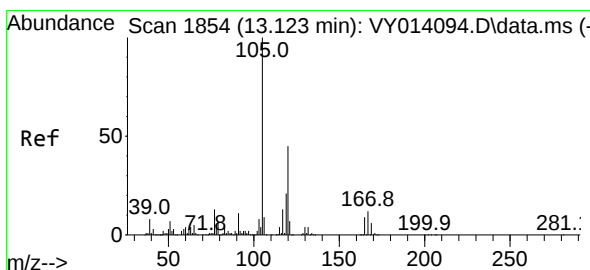
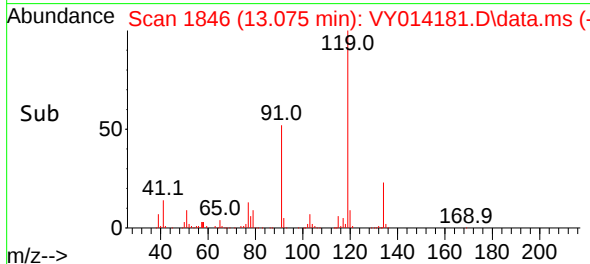
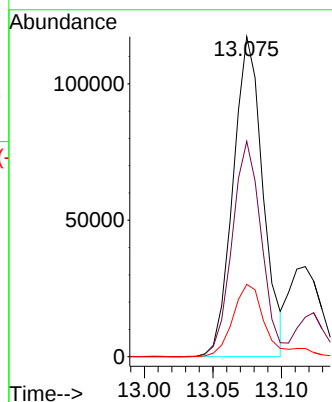
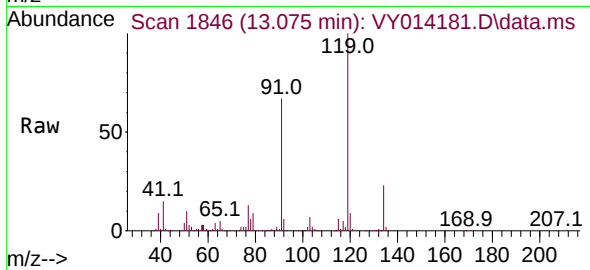
134 25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#84

1,2,4-Trimethylbenzene

Concen: 22.297 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014181.D

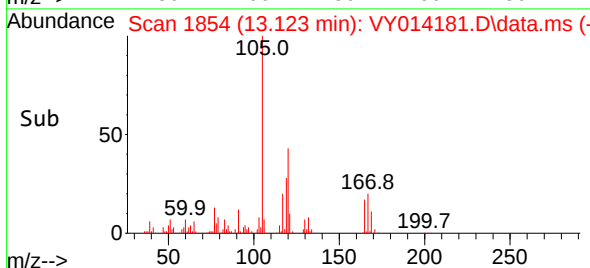
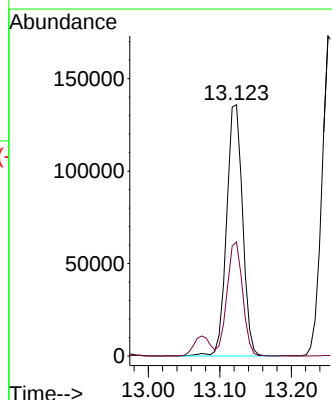
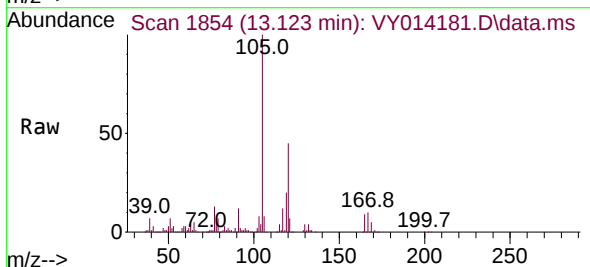
Acq: 15 Jun 2023 11:57

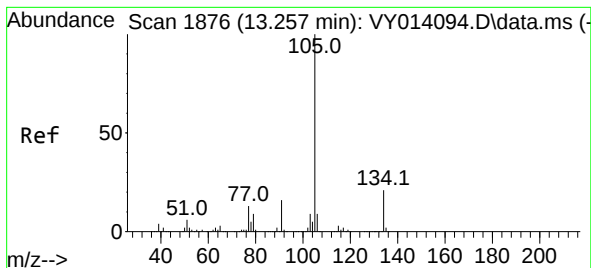
Tgt Ion:105 Resp: 211080

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.338 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tgt Ion:105 Resp: 26393

Ion Ratio Lower Upper

105 100

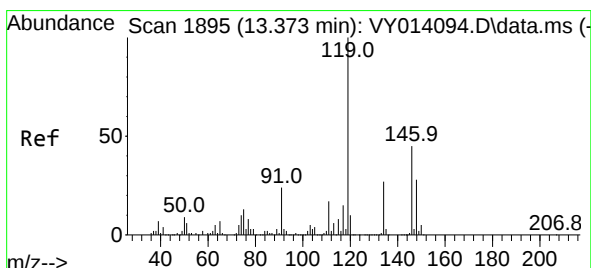
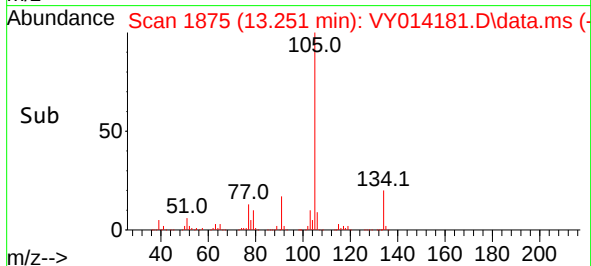
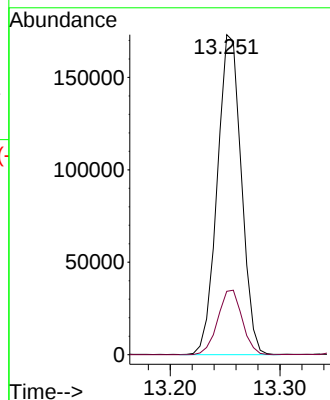
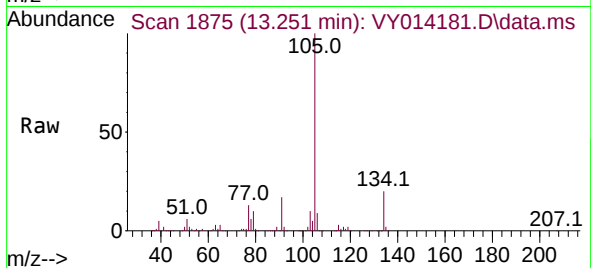
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#86

p-Isopropyltoluene

Concen: 22.179 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

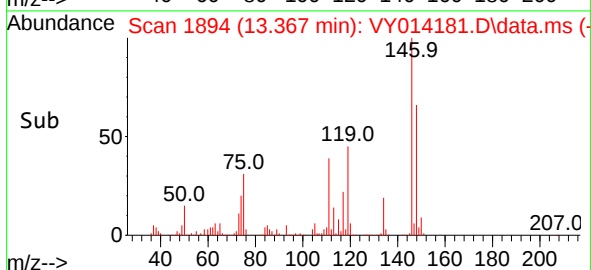
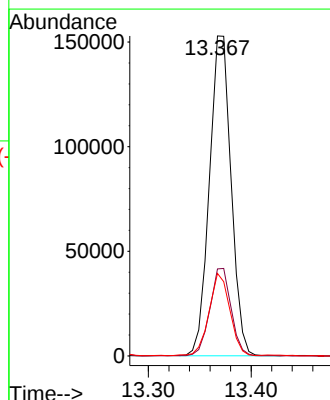
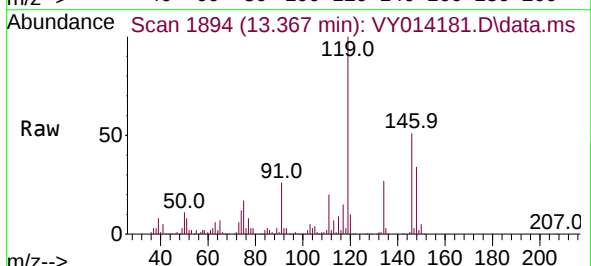
Tgt Ion:119 Resp: 224285

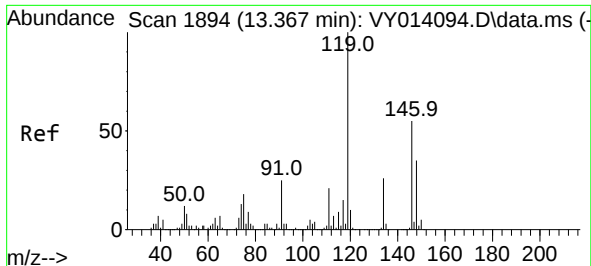
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

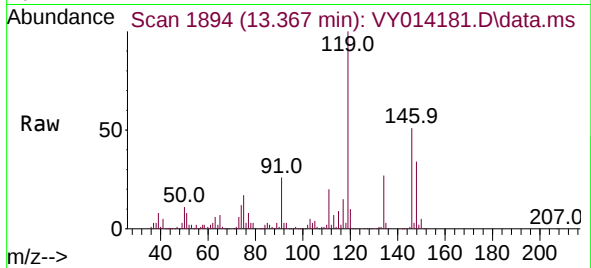
91 24.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 22.102 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

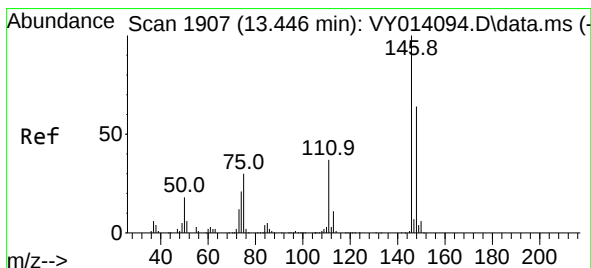
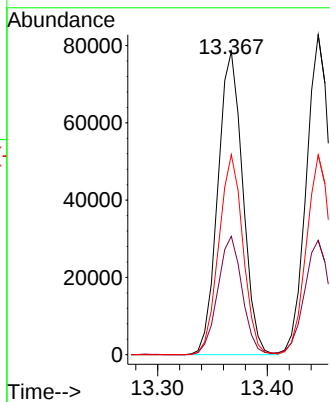
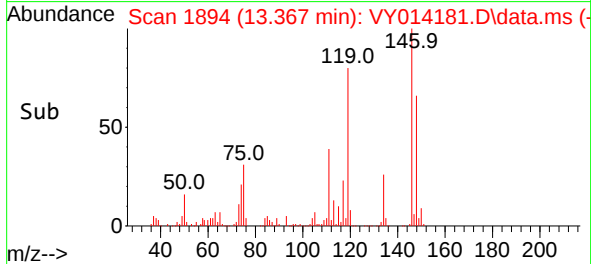
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



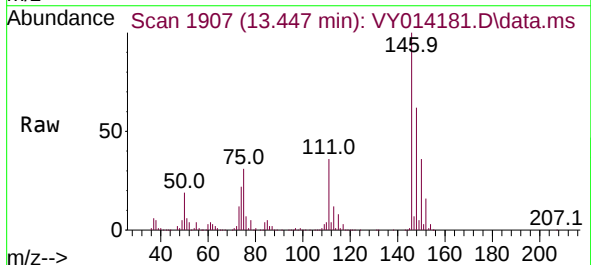
Tgt Ion:146 Resp: 12388
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 64.1 31.9 95.5

Manual Integrations
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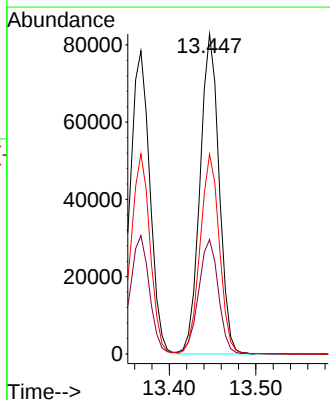
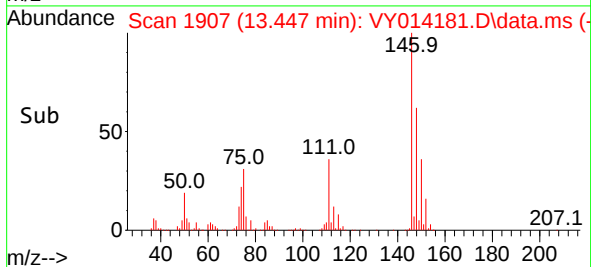
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

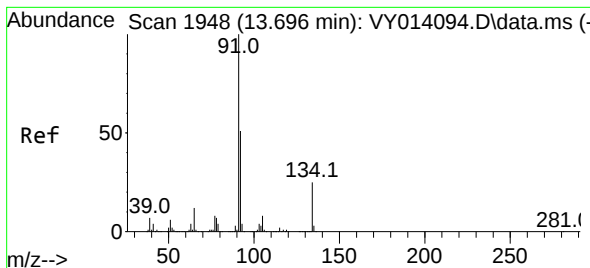


#88
1,4-Dichlorobenzene
Concen: 22.398 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



Tgt Ion:146 Resp: 126486
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 22.005 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tgt Ion: 91 Resp: 20639

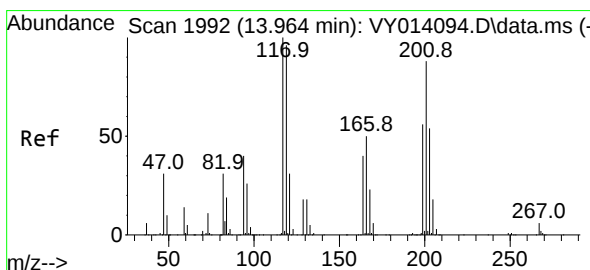
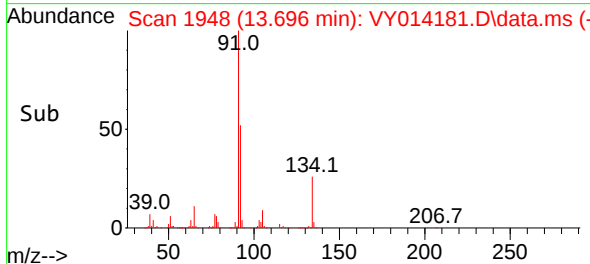
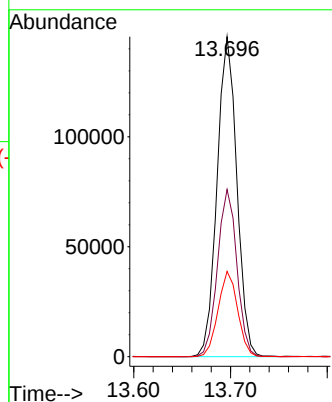
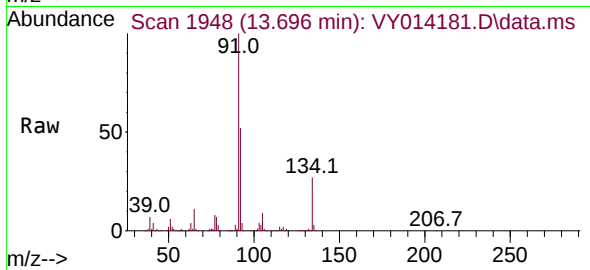
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.4	76.0
134	26.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#90

Hexachloroethane

Concen: 22.135 ug/l

RT: 13.959 min Scan# 1991

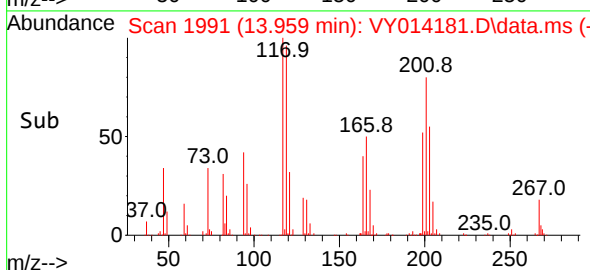
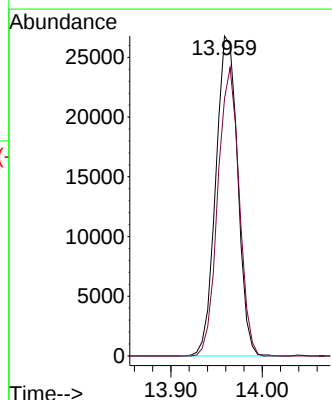
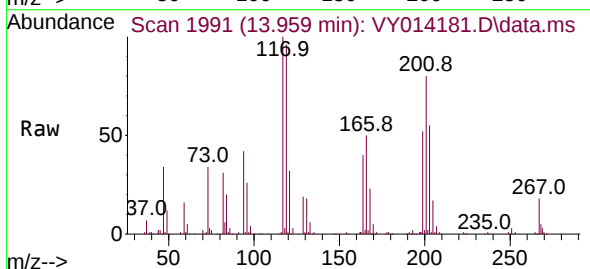
Delta R.T. -0.005 min

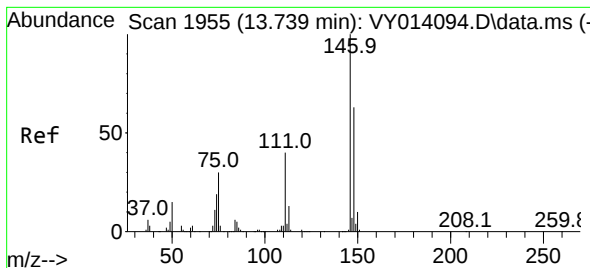
Lab File: VY014181.D

Acq: 15 Jun 2023 11:57

Tgt Ion:117 Resp: 44602

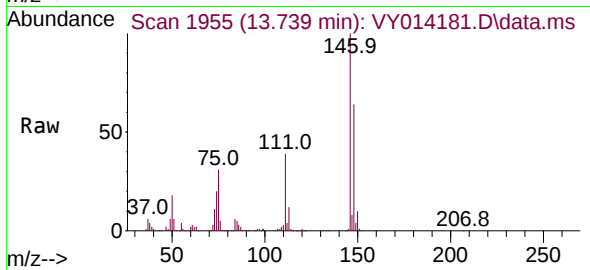
Ion	Ratio	Lower	Upper
117	100		
201	87.6	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 22.251 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

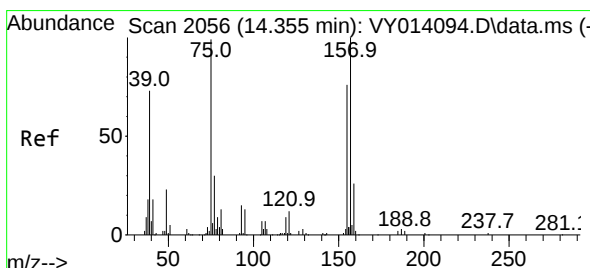
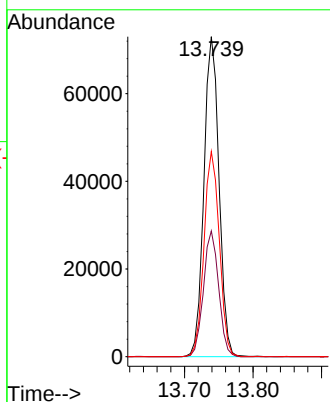
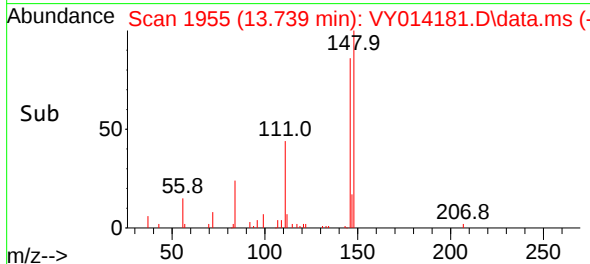
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01



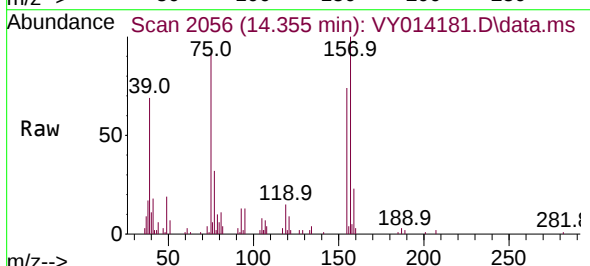
Tgt Ion:146 Resp: 11201
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 65.1 32.0 96.2

Manual Integrations
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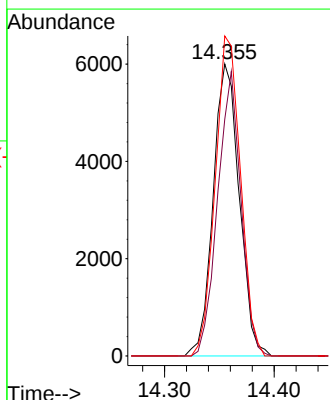
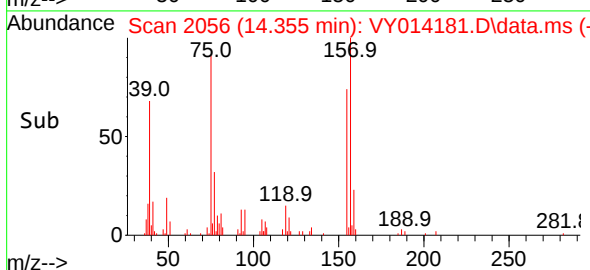
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

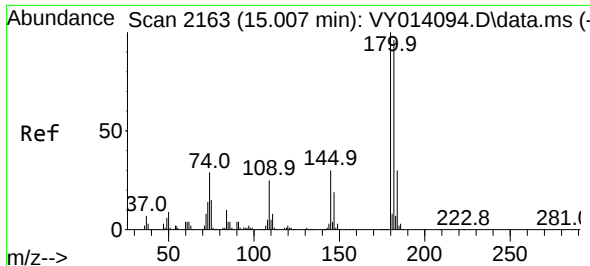


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.900 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57



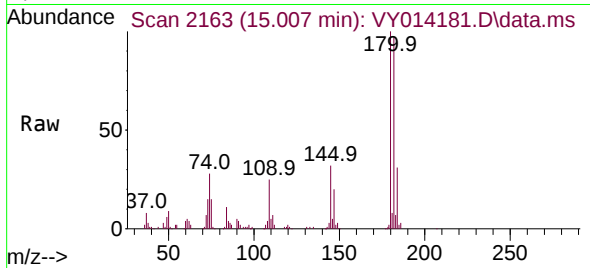
Tgt Ion: 75 Resp: 9933
Ion Ratio Lower Upper
75 100
155 87.2 41.5 124.6
157 106.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 22.147 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

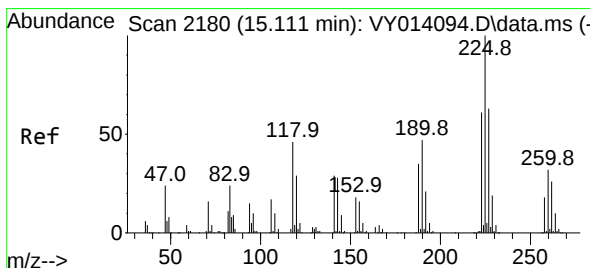
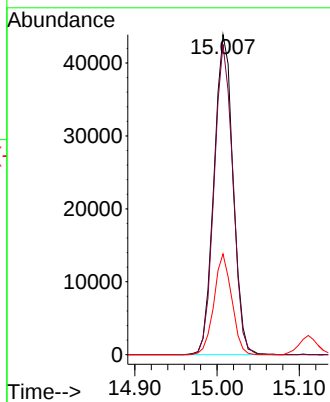
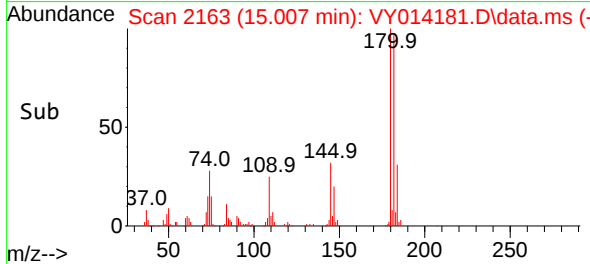
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion:180 Resp: 7062
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 29.3 14.5 43.5

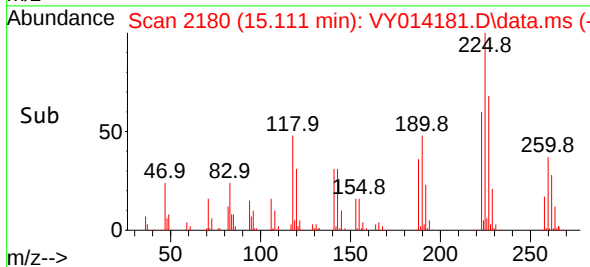
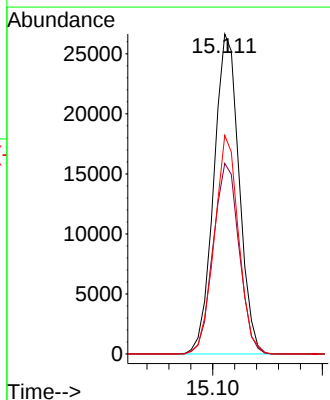
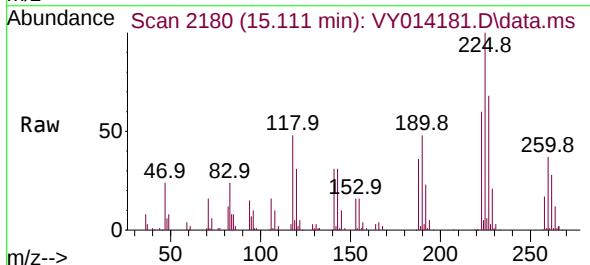
Manual Integrations
APPROVED

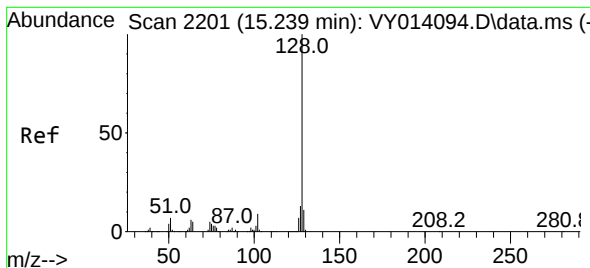
Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#94
Hexachlorobutadiene
Concen: 23.158 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

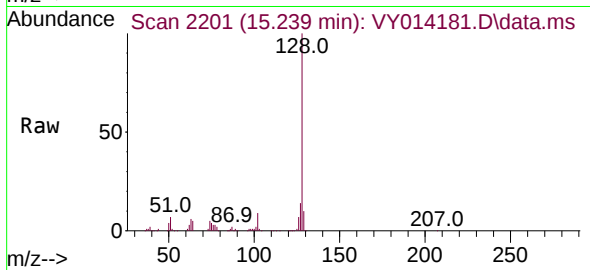
Tgt Ion:225 Resp: 42636
Ion Ratio Lower Upper
225 100
223 61.2 31.9 95.9
227 65.6 33.0 98.9





#95
Naphthalene
Concen: 20.996 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

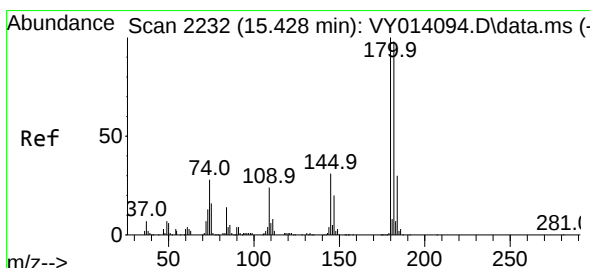
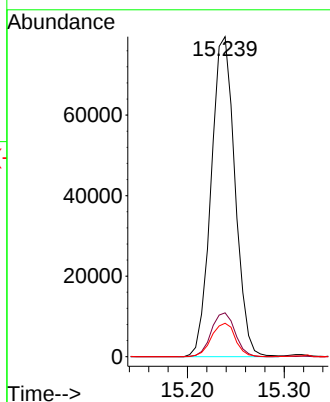
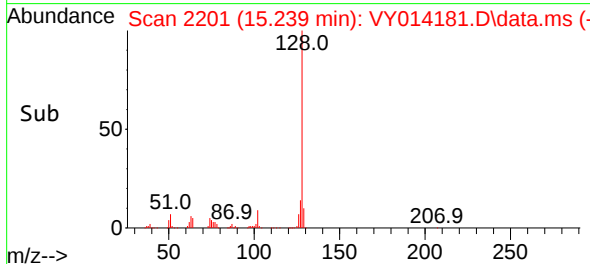
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01



Tgt Ion:128 Resp: 135900
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.078 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014181.D
Acq: 15 Jun 2023 11:57

Tgt Ion:180 Resp: 63620
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 31.1 15.4 46.2

