

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013954.D
 Acq On : 31 May 2023 22:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: Jun 01 03:33:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	225834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	350349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155453	59.499	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.000%			
35) Dibromofluoromethane	7.722	113	125410	52.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.185	98	422142	46.782	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.560%			
62) 4-Bromofluorobenzene	12.483	95	161058	53.696	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	97806	47.281	ug/l	98
3) Chloromethane	2.113	50	123720	49.093	ug/l	100
4) Vinyl Chloride	2.253	62	116748	45.300	ug/l	99
5) Bromomethane	2.656	94	100071	48.862	ug/l	99
6) Chloroethane	2.796	64	81407	48.475	ug/l	98
7) Trichlorofluoromethane	3.131	101	195774	45.136	ug/l	100
8) Diethyl Ether	3.534	74	81748	61.446	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	105783	44.988	ug/l	99
10) Methyl Iodide	4.101	142	132788	47.569	ug/l	97
11) Tert butyl alcohol	4.979	59	137572	687.349	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	100506	45.498	ug/l	93
13) Acrolein	3.735	56	104744	347.914	ug/l	98
14) Allyl chloride	4.485	41	195155	48.391	ug/l	99
15) Acrylonitrile	5.174	53	257442	377.407	ug/l	100
16) Acetone	3.960	43	233344	300.918	ug/l	98
17) Carbon Disulfide	4.204	76	288258	43.716	ug/l	99
18) Methyl Acetate	4.485	43	196419	73.012	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	389415	64.596	ug/l	100
20) Methylene Chloride	4.723	84	152935	55.924	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	117938	49.114	ug/l	93
22) Diisopropyl ether	6.131	45	451712	58.011	ug/l	99
23) Vinyl Acetate	6.070	43	1511390	333.255	ug/l	99
24) 1,1-Dichloroethane	6.027	63	230005	50.597	ug/l	100
25) 2-Butanone	6.997	43	351586	371.569	ug/l	96
26) 2,2-Dichloropropane	6.990	77	183258	44.755	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	145799	54.048	ug/l	99
28) Bromochloromethane	7.344	49	67530	50.612	ug/l	99
29) Tetrahydrofuran	7.356	42	241868	428.133	ug/l	99
30) Chloroform	7.515	83	249621	54.163	ug/l	99
31) Cyclohexane	7.795	56	169022	42.106	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	202006	48.046	ug/l	98
36) 1,1-Dichloropropene	7.923	75	159801	44.190	ug/l	100
37) Ethyl Acetate	7.082	43	166076	75.290	ug/l	99
38) Carbon Tetrachloride	7.911	117	183025	44.505	ug/l	99
39) Methylcyclohexane	9.191	83	180832	42.700	ug/l	99
40) Benzene	8.167	78	511928	49.288	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	70866m	58.881	ug/l	
42) 1,2-Dichloroethane	8.246	62	197087	57.955	ug/l	99
43) Isopropyl Acetate	8.277	43	278955	69.398	ug/l	99
44) Trichloroethene	8.947	130	129471	46.269	ug/l	98
45) 1,2-Dichloropropane	9.222	63	139183	52.310	ug/l	99
46) Dibromomethane	9.313	93	89951	59.030	ug/l	100
47) Bromodichloromethane	9.502	83	203032	54.673	ug/l	98
48) Methyl methacrylate	9.301	41	126895	67.228	ug/l	93
49) 1,4-Dioxane	9.313	88	29690	1657.844	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	824766	385.020	ug/l	99
52) Toluene	10.252	92	313768	49.546	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	214575	56.764	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	226684	53.529	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	124026	60.498	ug/l	98
56) Ethyl methacrylate	10.514	69	183272	66.971	ug/l	99
57) 1,3-Dichloropropane	10.795	76	208233	59.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	231461	265.076	ug/l	100
59) 2-Hexanone	10.837	43	594383	390.083	ug/l	100
60) Dibromochloromethane	10.990	129	150839	58.165	ug/l	98
61) 1,2-Dibromoethane	11.093	107	122974	63.057	ug/l	100
64) Tetrachloroethene	10.728	164	117869	45.470	ug/l	93
65) Chlorobenzene	11.520	112	353017	48.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	144007	50.814	ug/l	98
67) Ethyl Benzene	11.599	91	603805	45.694	ug/l	100
68) m/p-Xylenes	11.703	106	468767	93.740	ug/l	100
69) o-Xylene	12.032	106	228135	48.431	ug/l	100
70) Styrene	12.050	104	401810	50.357	ug/l	99
71) Bromoform	12.209	173	109981	59.376	ug/l	98
73) Isopropylbenzene	12.331	105	576855	42.092	ug/l	100
74) N-amyl acetate	12.148	43	246015	59.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	165665	58.395	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	118763m	54.701	ug/l	
77) Bromobenzene	12.611	156	157779	46.921	ug/l	97
78) n-propylbenzene	12.672	91	715705	42.273	ug/l	100
79) 2-Chlorotoluene	12.758	91	423144	44.744	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	499600	44.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	57372	57.360	ug/l	99
82) 4-Chlorotoluene	12.855	91	441795	45.198	ug/l	98
83) tert-Butylbenzene	13.081	119	426772	43.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	506838	45.643	ug/l	99
85) sec-Butylbenzene	13.258	105	621871	42.490	ug/l	98
86) p-Isopropyltoluene	13.373	119	520883	43.060	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	299299	46.083	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	300988	46.549	ug/l	99
89) n-Butylbenzene	13.697	91	490093	42.248	ug/l	99
90) Hexachloroethane	13.965	117	104702	42.156	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	277531	48.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	31633	63.643	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	170952	47.775	ug/l	99
94) Hexachlorobutadiene	15.111	225	91200	40.423	ug/l	99
95) Naphthalene	15.239	128	409649	51.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	159048	49.982	ug/l	100

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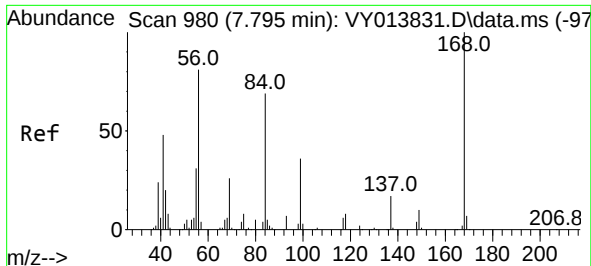
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: Jun 01 03:33:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

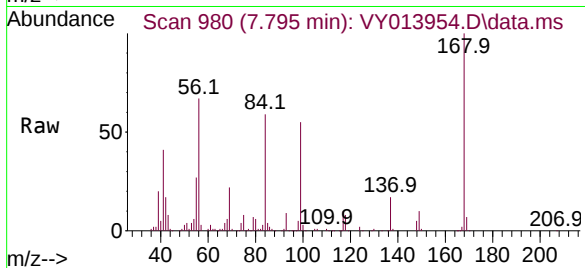
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013954.D
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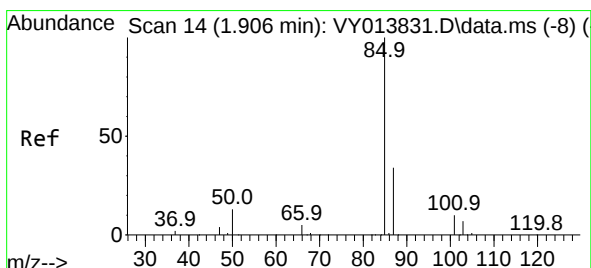
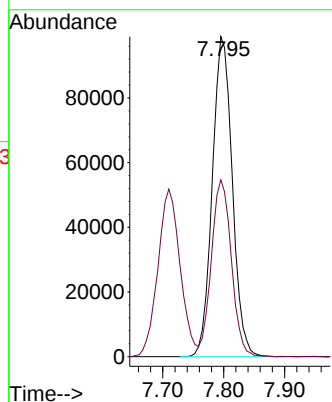
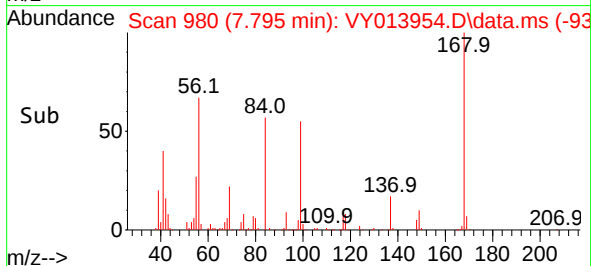
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 225834
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.2

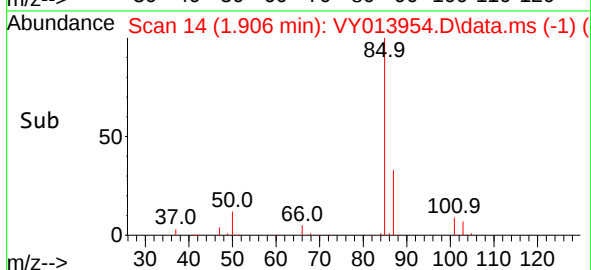
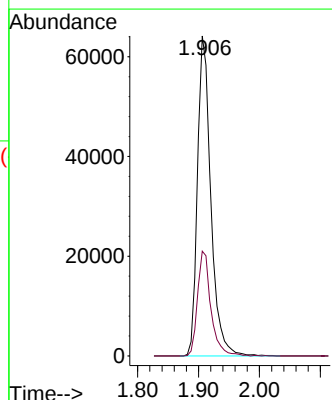
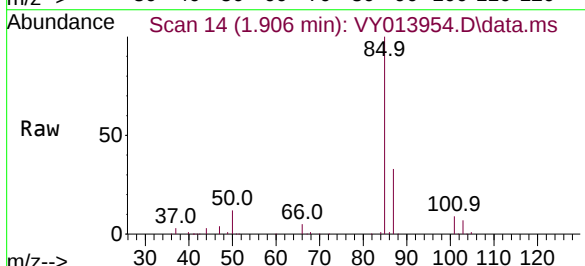
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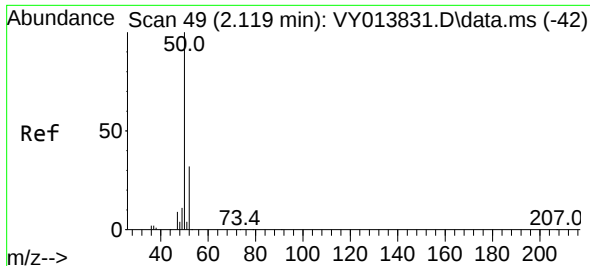
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 47.281 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

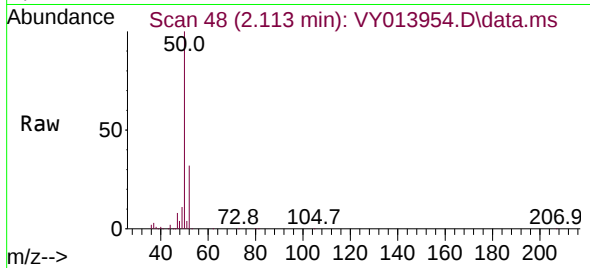
Tgt Ion: 85 Resp: 97806
Ion Ratio Lower Upper
85 100
87 32.8 16.9 50.7





#3
Chloromethane
Concen: 49.093 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

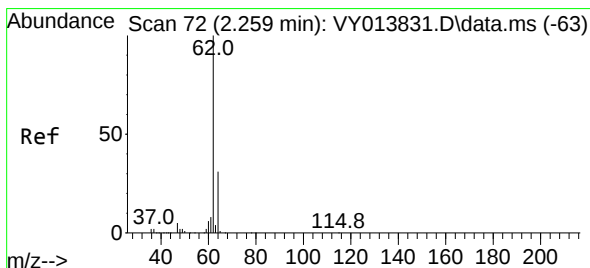
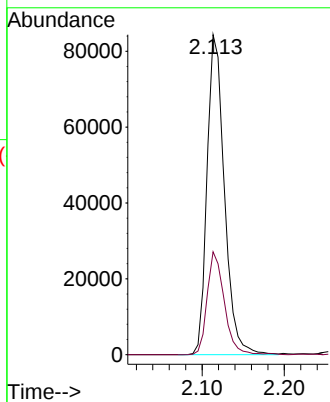
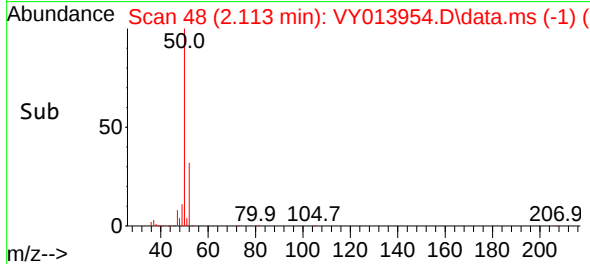
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 123720
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

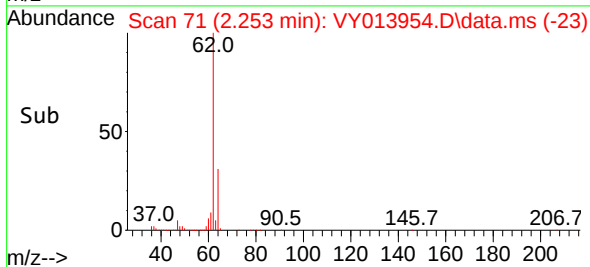
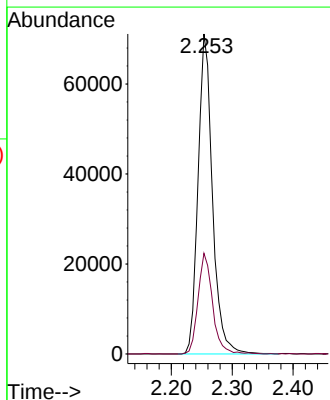
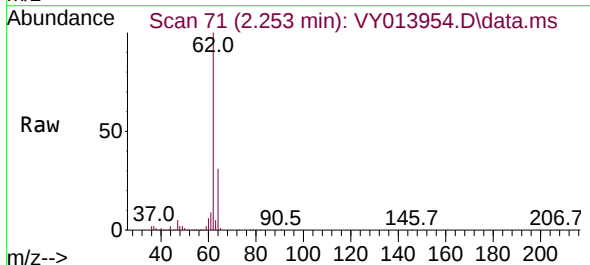
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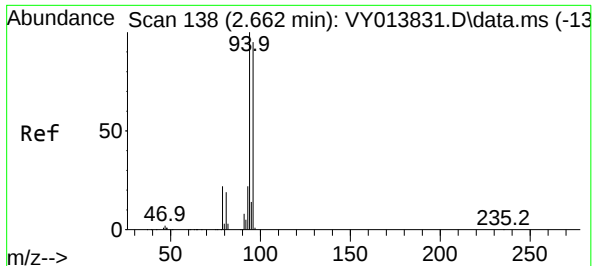
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#4
Vinyl Chloride
Concen: 45.300 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

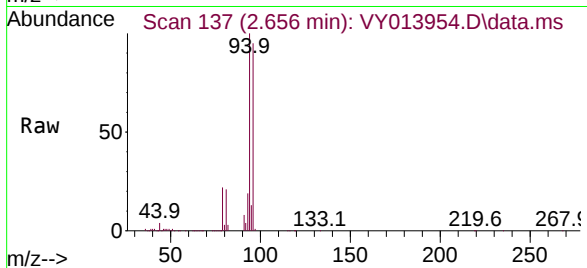
Tgt Ion: 62 Resp: 116748
Ion Ratio Lower Upper
62 100
64 31.5 24.8 37.2





#5
Bromomethane
Concen: 48.862 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

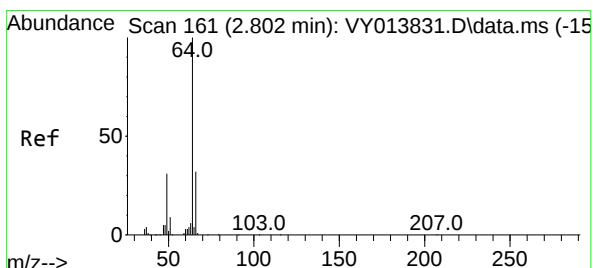
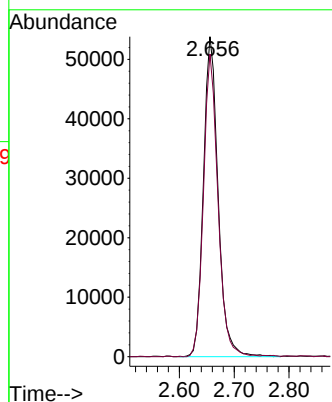
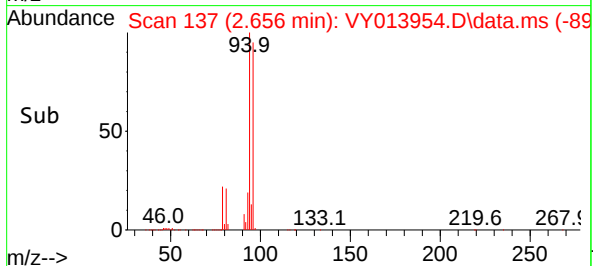
Instrument :
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Tgt Ion: 94 Resp: 10007
Ion Ratio Lower Upper
94 100
96 94.5 76.2 114.2

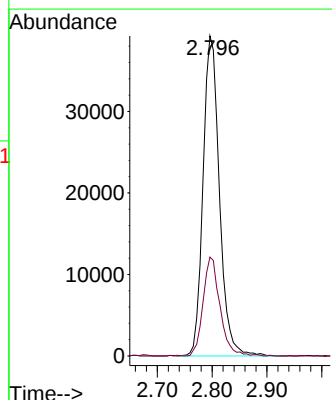
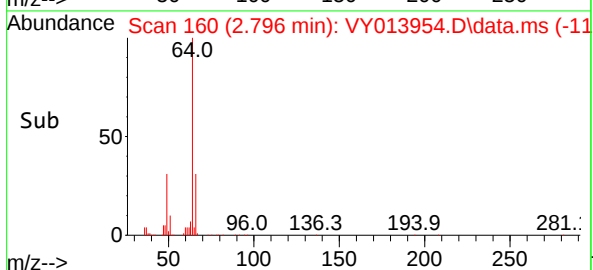
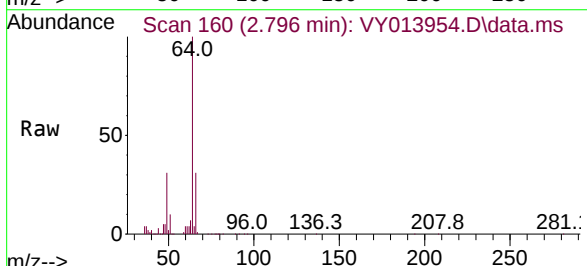
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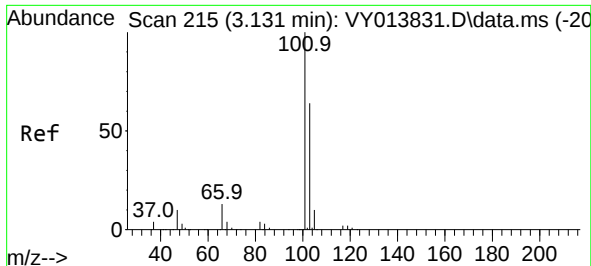
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#6
Chloroethane
Concen: 48.475 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

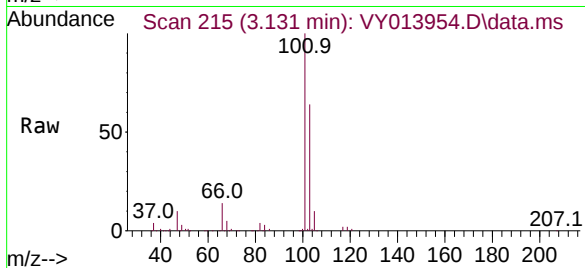
Tgt Ion: 64 Resp: 81407
Ion Ratio Lower Upper
64 100
66 30.9 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 45.136 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY013954.D
 Acq: 31 May 2023 22:25

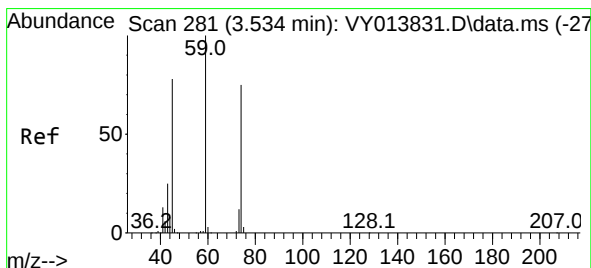
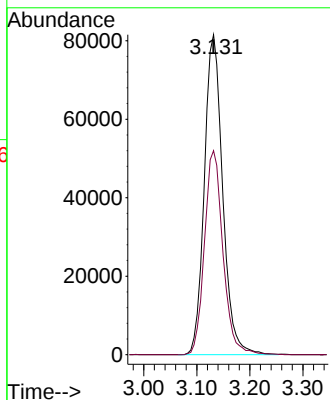
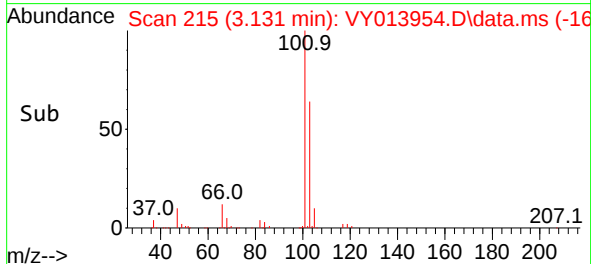
Instrument :
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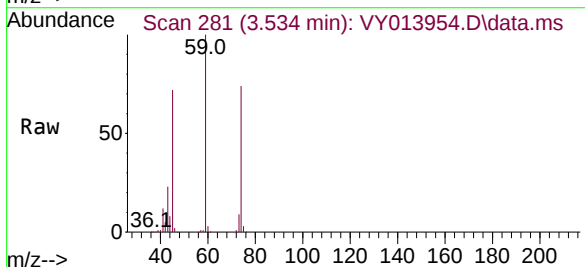
Tgt Ion: 101 Resp: 195774
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9

Manual Integrations
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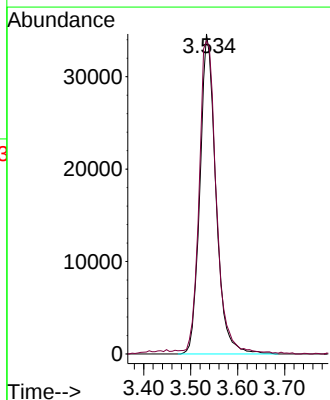
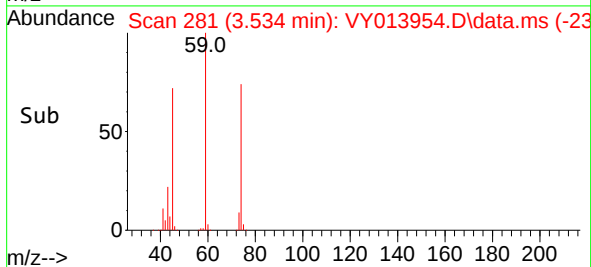
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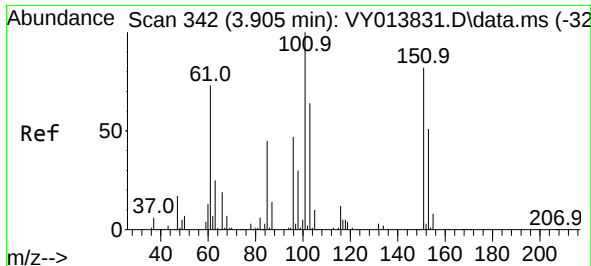


#8
 Diethyl Ether
 Concen: 61.446 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY013954.D
 Acq: 31 May 2023 22:25



Tgt Ion: 74 Resp: 81748
 Ion Ratio Lower Upper
 74 100
 45 105.0 51.8 155.5





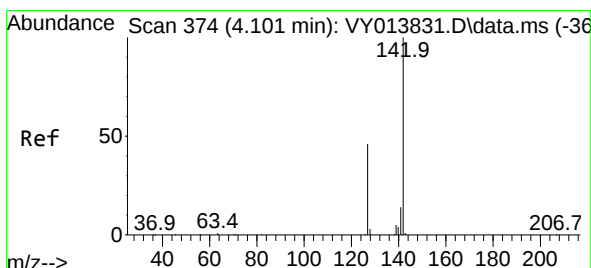
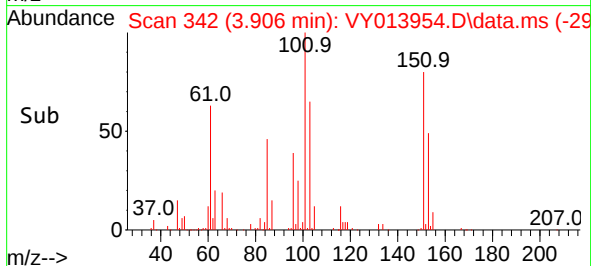
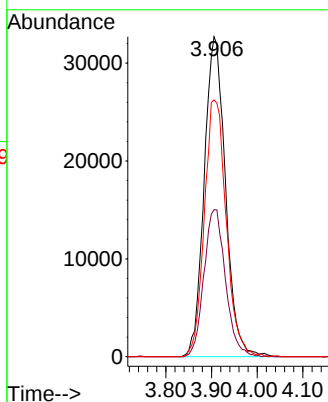
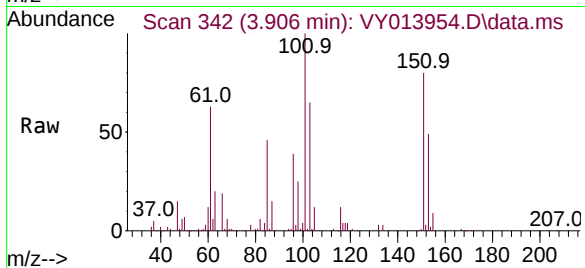
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.988 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10578
Ion Ratio Lower Upper
101 100
85 46.5 37.4 56.2
151 82.4 66.6 100.0

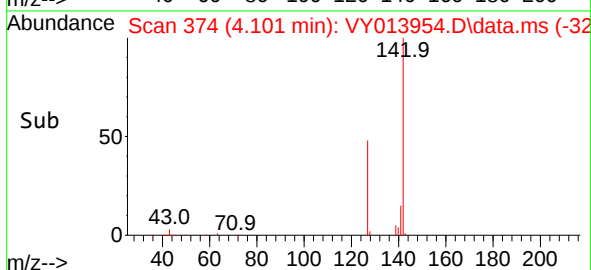
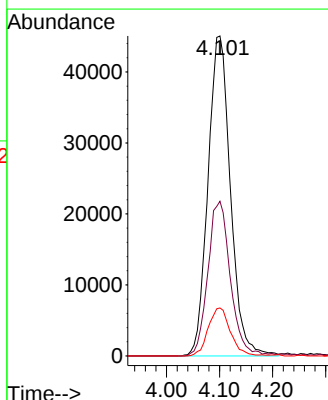
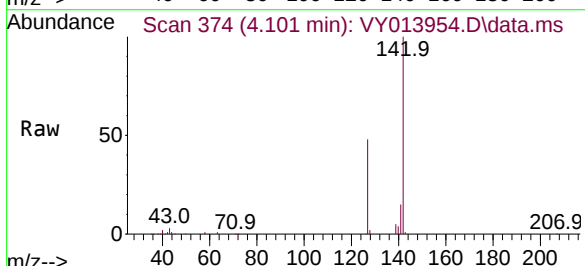
Manual Integrations
APPROVED

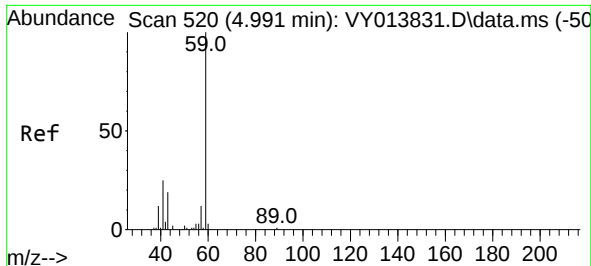
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 47.569 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

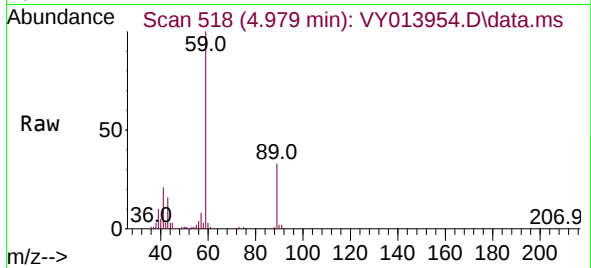
Tgt Ion:142 Resp: 132788
Ion Ratio Lower Upper
142 100
127 48.5 37.0 55.4
141 14.7 11.8 17.6





#11
Tert butyl alcohol
Concen: 687.349 ug/l
RT: 4.979 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

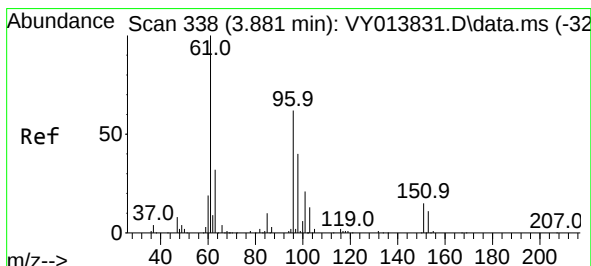
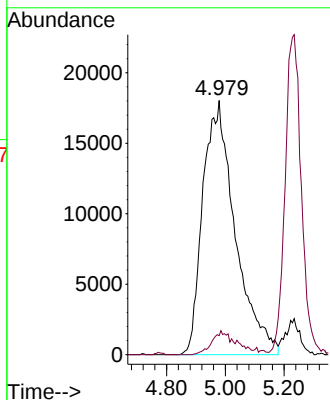
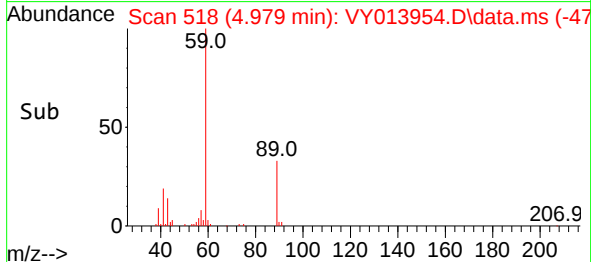
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



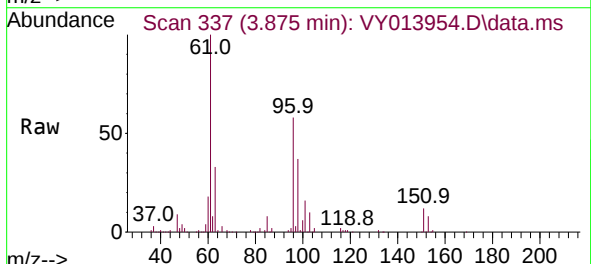
Tgt Ion: 59 Resp: 137572
Ion Ratio Lower Upper
59 100
57 5.4 8.1 12.1

Manual Integrations
APPROVED

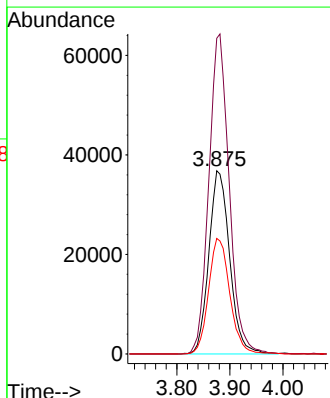
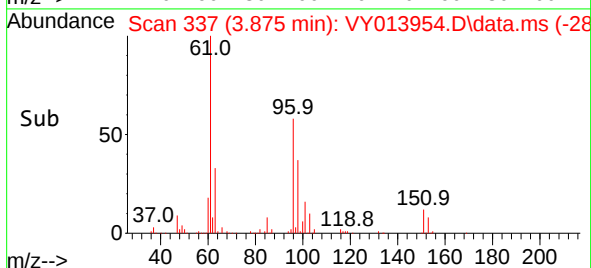
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

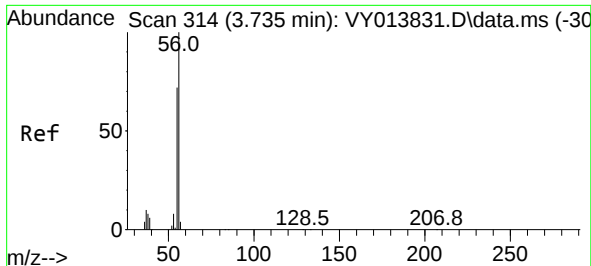


#12
1,1-Dichloroethene
Concen: 45.498 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



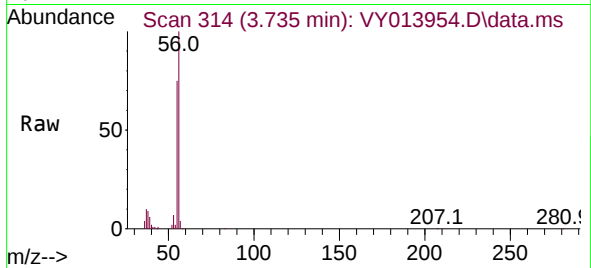
Tgt Ion: 96 Resp: 100506
Ion Ratio Lower Upper
96 100
61 172.3 129.0 193.4
98 63.1 52.0 78.0





#13
Acrolein
Concen: 347.914 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

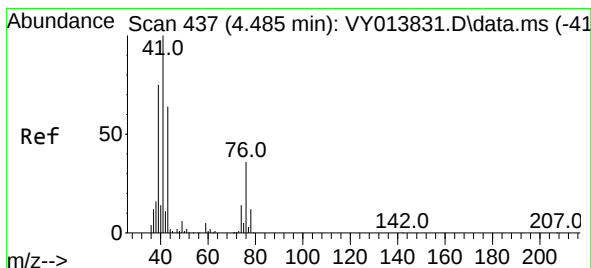
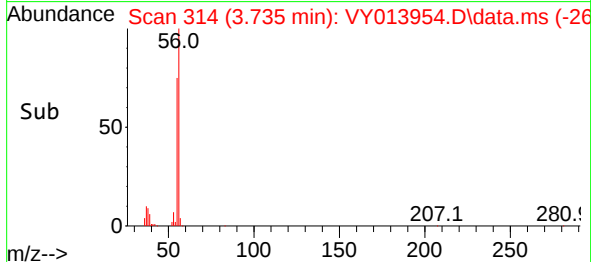
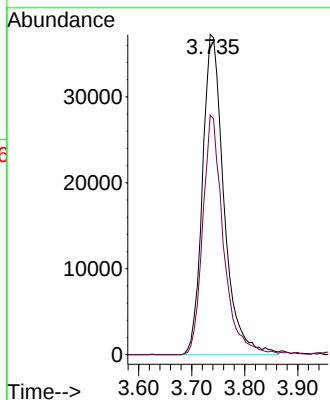
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 104744
Ion Ratio Lower Upper
56 100
55 72.0 56.2 84.2

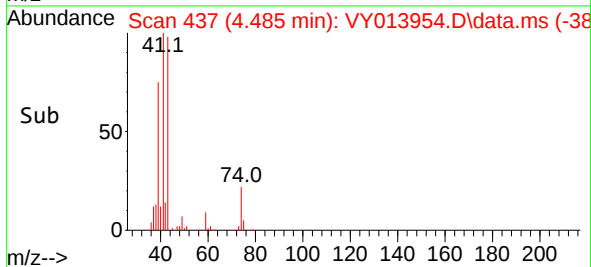
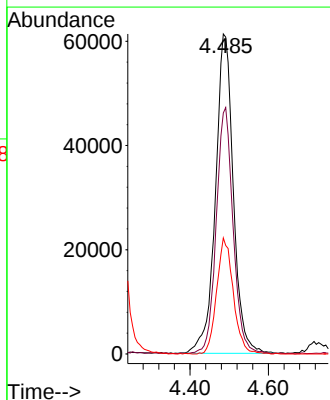
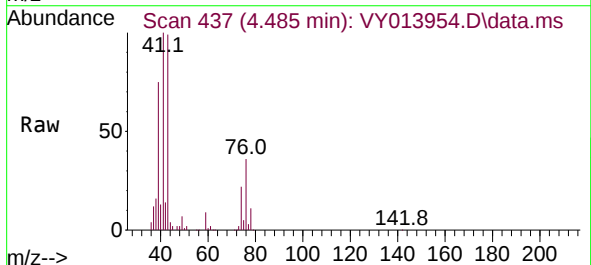
Manual Integrations
APPROVED

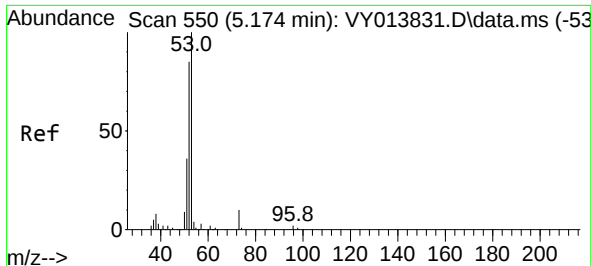
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 48.391 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

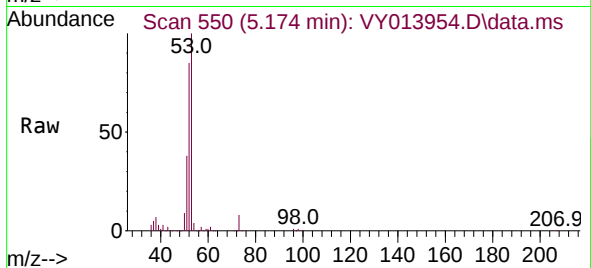
Tgt Ion: 41 Resp: 195155
Ion Ratio Lower Upper
41 100
39 72.0 58.3 87.5
76 33.7 28.0 42.0





#15
Acrylonitrile
Concen: 377.407 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

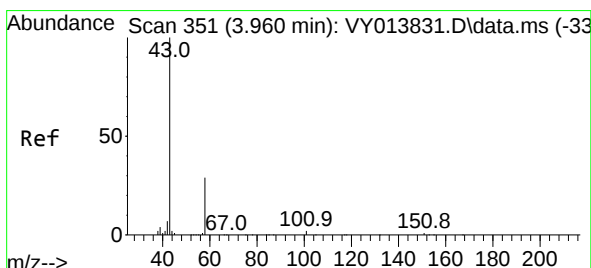
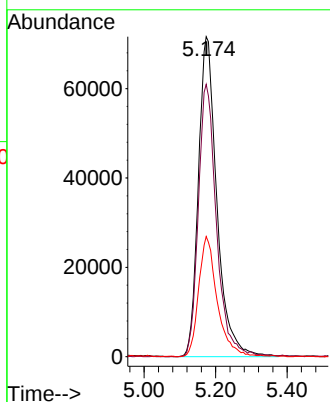
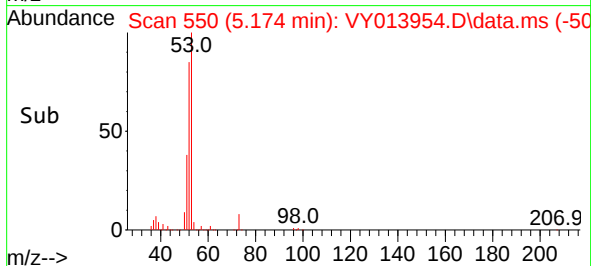
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



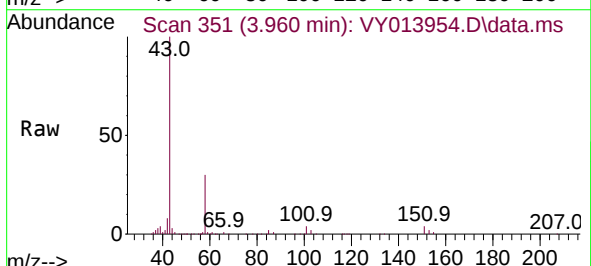
Tgt Ion: 53 Resp: 25744
Ion Ratio Lower Upper
53 100
52 83.6 67.2 100.8
51 37.8 30.2 45.2

Manual Integrations
APPROVED

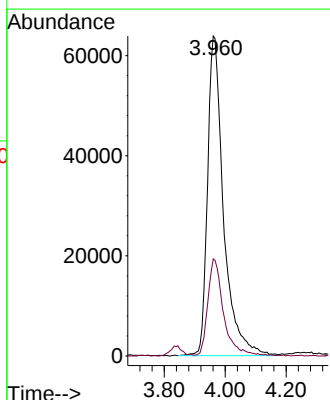
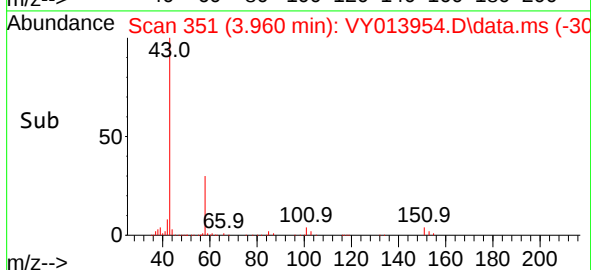
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

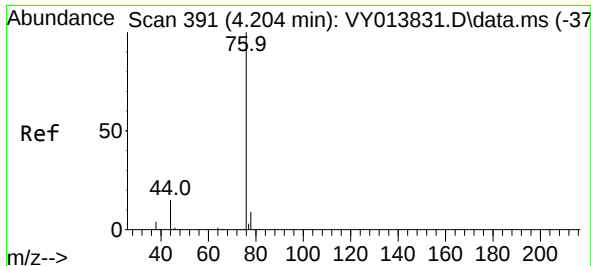


#16
Acetone
Concen: 300.918 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



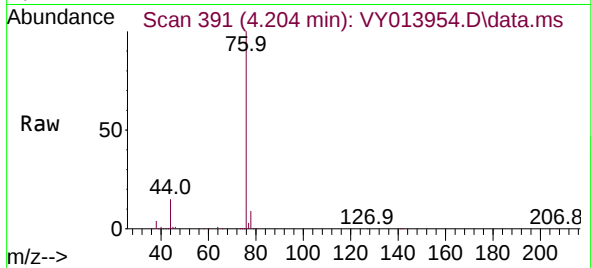
Tgt Ion: 43 Resp: 233344
Ion Ratio Lower Upper
43 100
58 30.2 23.3 34.9





#17
Carbon Disulfide
Concen: 43.716 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

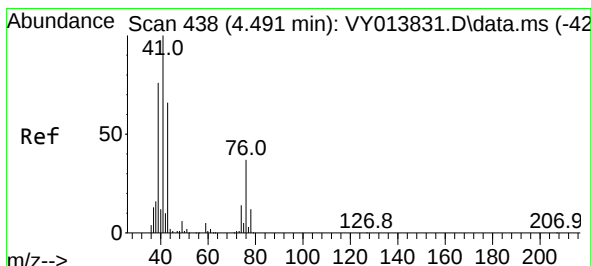
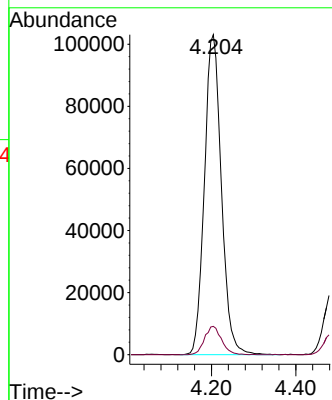
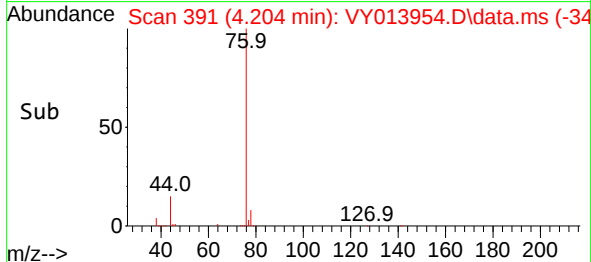
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



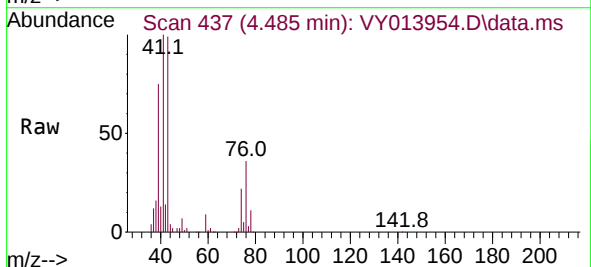
Tgt Ion: 76 Resp: 288258
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
APPROVED

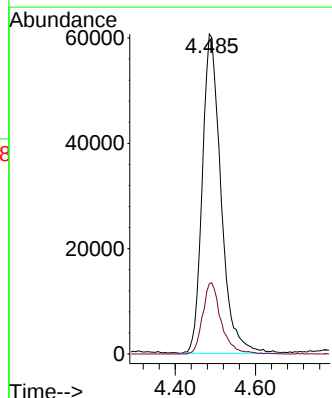
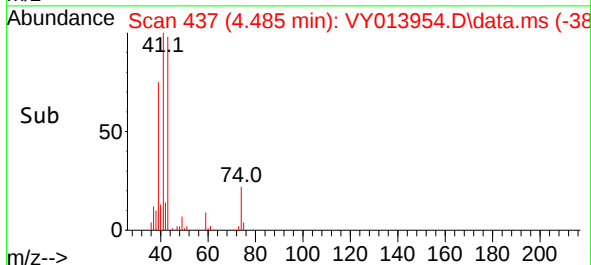
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

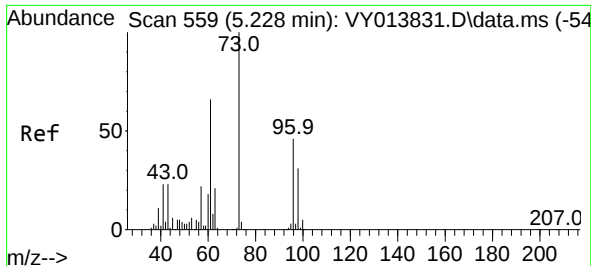


#18
Methyl Acetate
Concen: 73.012 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion: 43 Resp: 196419
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





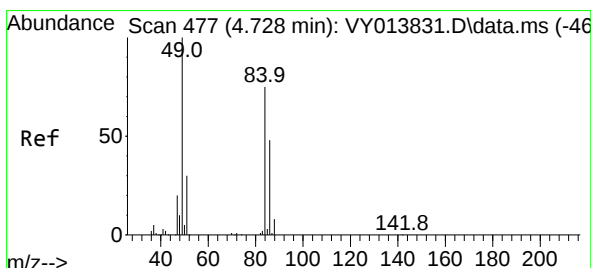
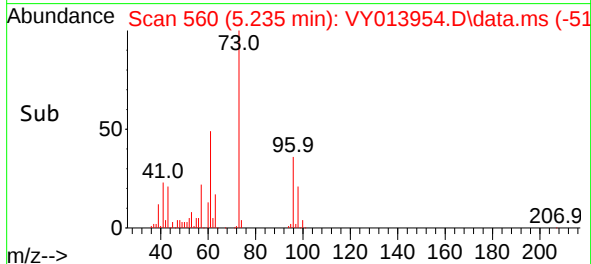
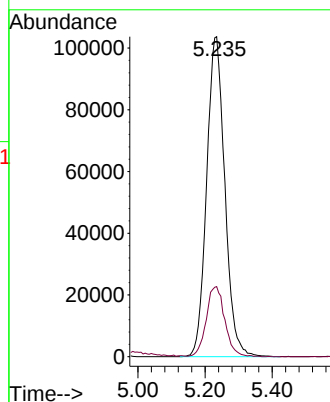
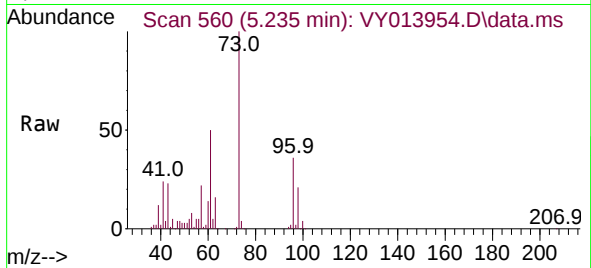
#19
Methyl tert-butyl Ether
Concen: 64.596 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 38941
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2

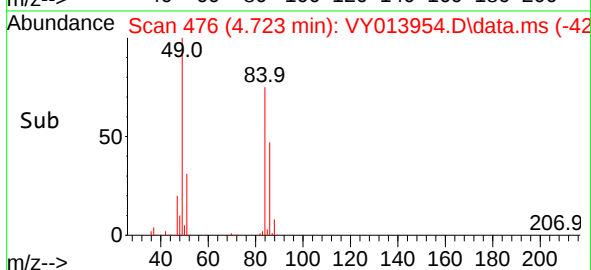
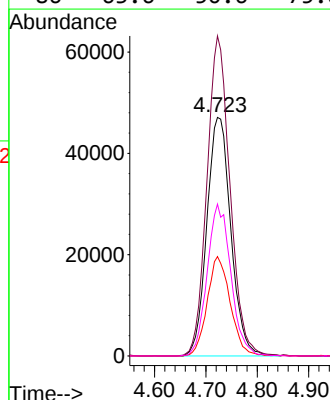
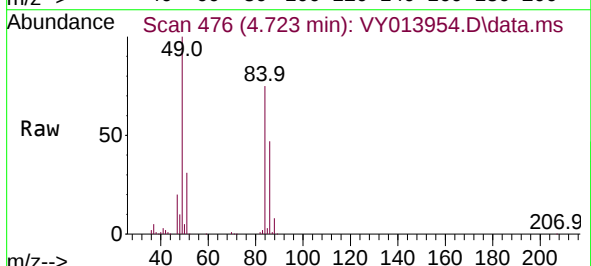
Manual Integrations
APPROVED

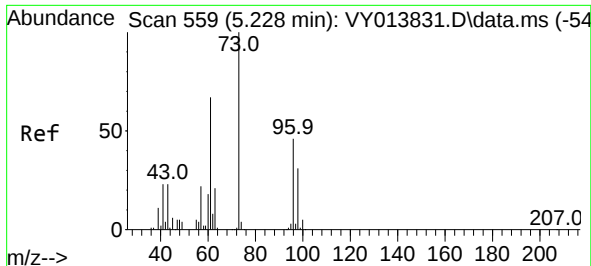
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 55.924 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

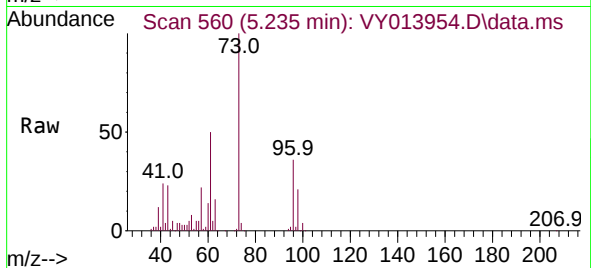
Tgt Ion: 84 Resp: 152935
Ion Ratio Lower Upper
84 100
49 133.9 106.2 159.2
51 41.6 31.4 47.0
86 63.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 49.114 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

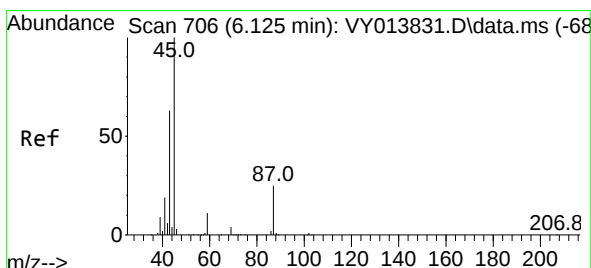
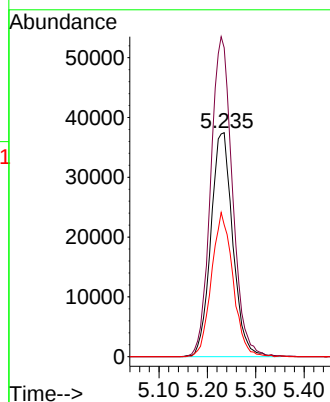
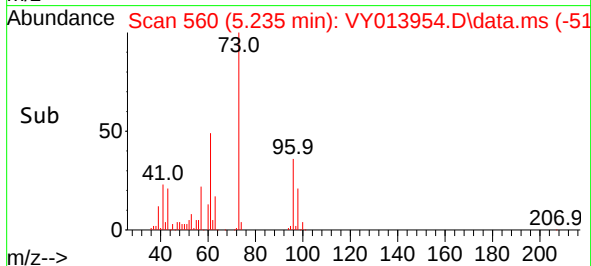
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 117938
Ion Ratio Lower Upper
96 100
61 137.8 115.5 173.3
98 58.8 53.7 80.5

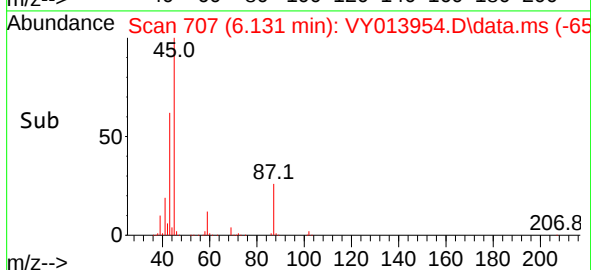
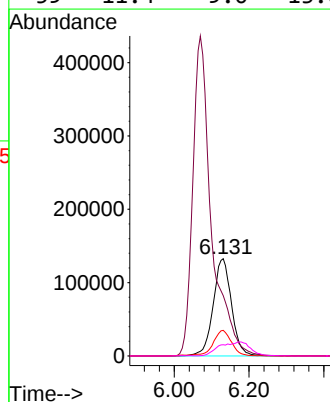
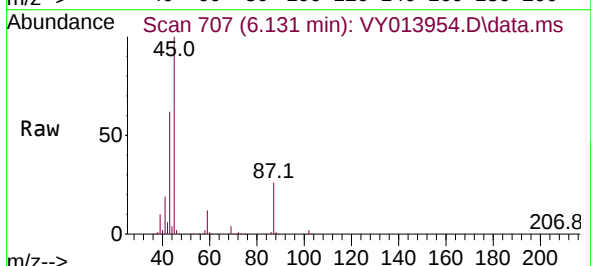
Manual Integrations
APPROVED

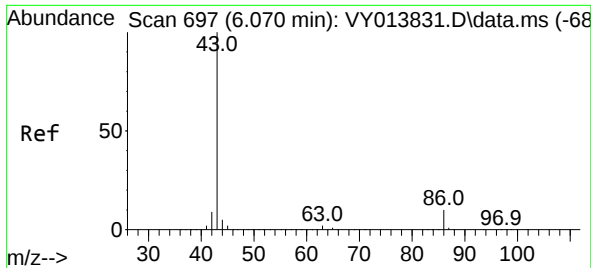
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#22
Diisopropyl ether
Concen: 58.011 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion: 45 Resp: 451712
Ion Ratio Lower Upper
45 100
43 61.7 50.6 75.8
87 26.3 20.7 31.1
59 11.4 9.0 13.6





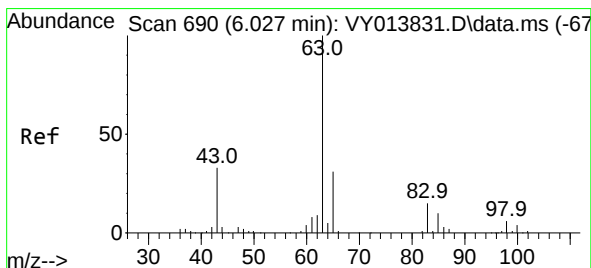
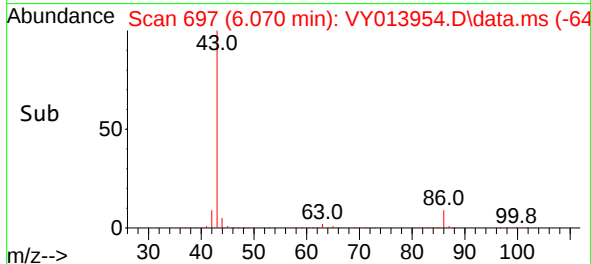
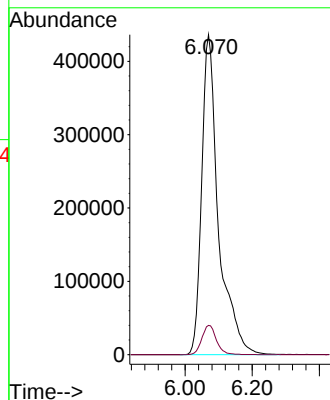
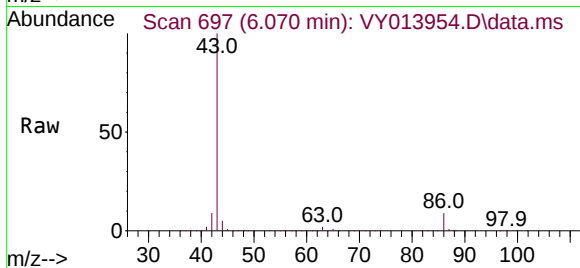
#23
 Vinyl Acetate
 Concen: 333.255 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY013954.D
 Acq: 31 May 2023 22:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1511390
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4

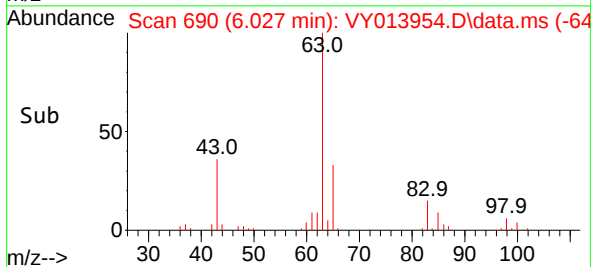
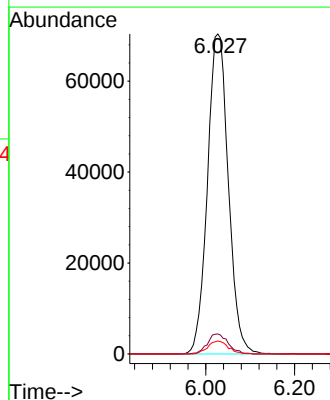
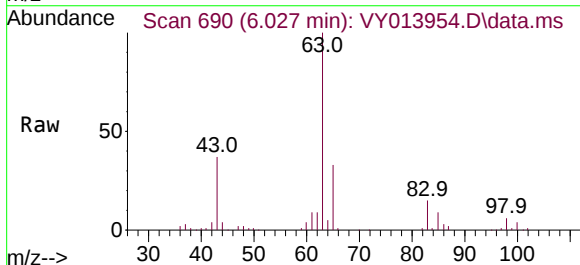
Manual Integrations
 APPROVED

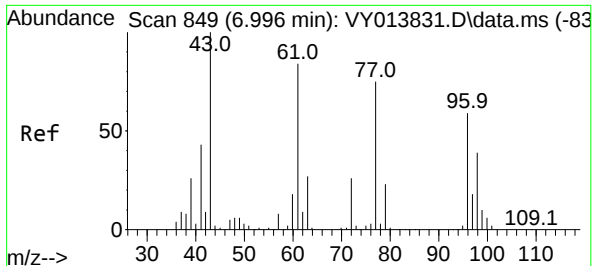
Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#24
 1,1-Dichloroethane
 Concen: 50.597 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY013954.D
 Acq: 31 May 2023 22:25

Tgt Ion: 63 Resp: 230005
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 371.569 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35158

Ion Ratio Lower Upper

43 100

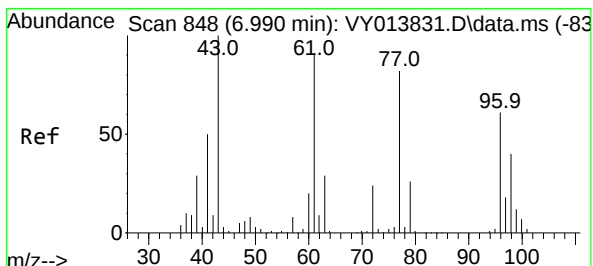
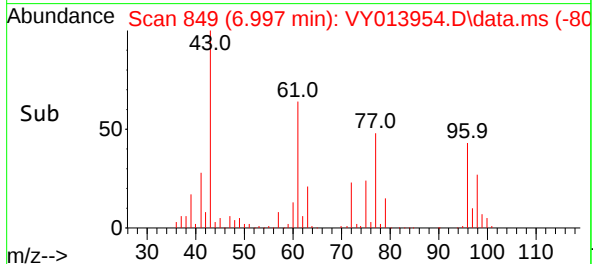
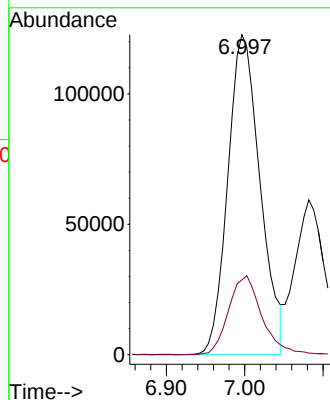
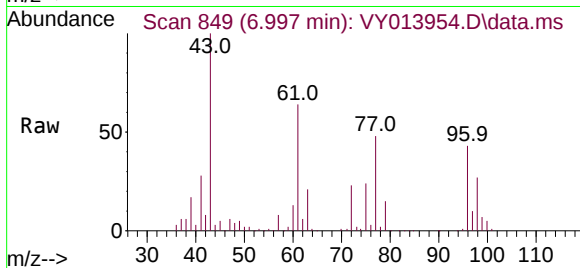
72 23.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#26

2,2-Dichloropropane

Concen: 44.755 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY013954.D

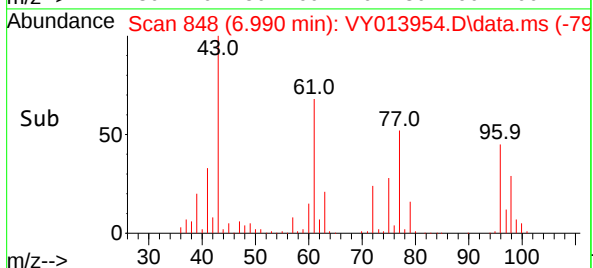
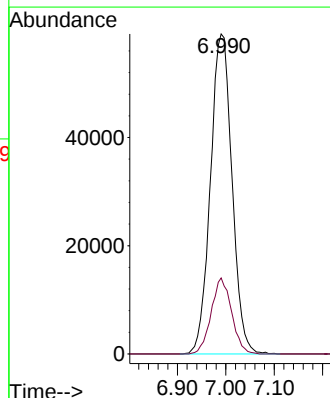
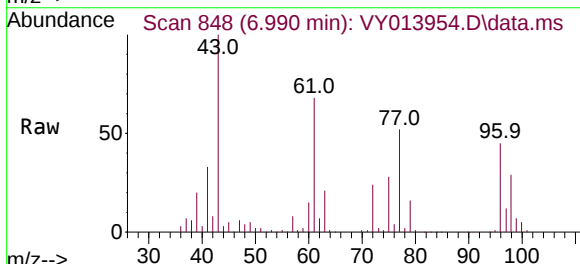
Acq: 31 May 2023 22:25

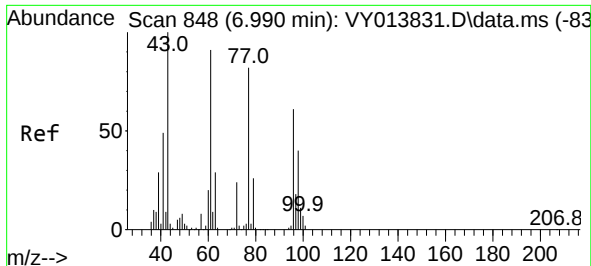
Tgt Ion: 77 Resp: 183258

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 54.048 ug/l

RT: 6.997 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY013954.D

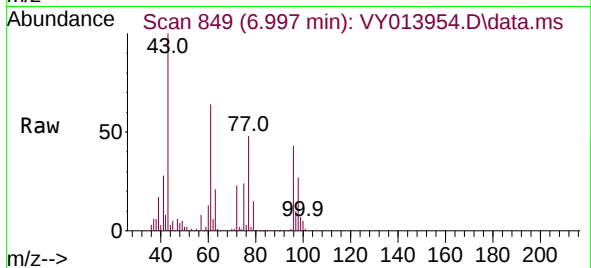
Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



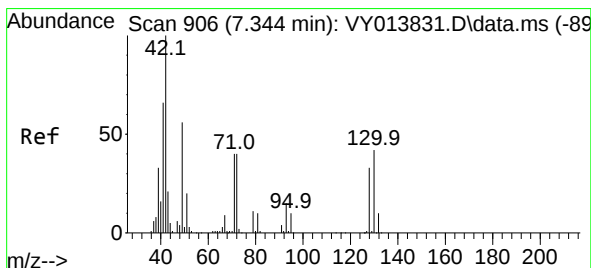
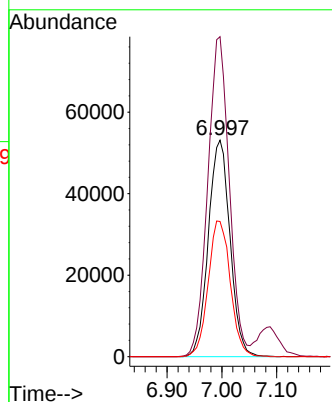
Tgt Ion:	96	Resp:	145799
Ion Ratio	100	Lower	Upper
96	100		
61	146.9	0.0	296.4
98	64.1	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 50.612 ug/l

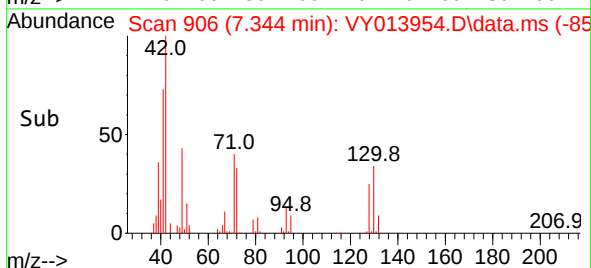
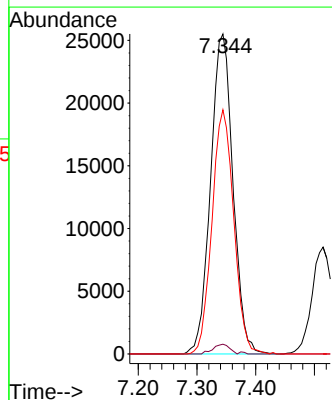
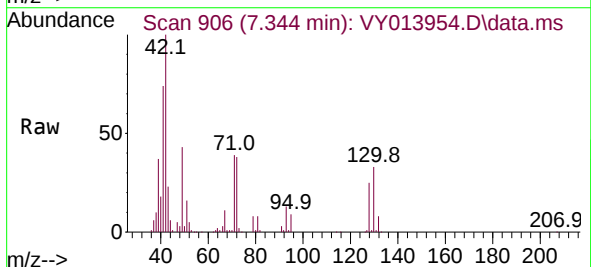
RT: 7.344 min Scan# 906

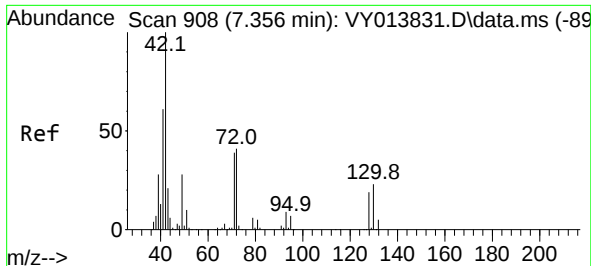
Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Tgt Ion:	49	Resp:	67530
Ion Ratio	100	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	74.1	60.2	90.2





#29

Tetrahydrofuran

Concen: 428.133 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 241868

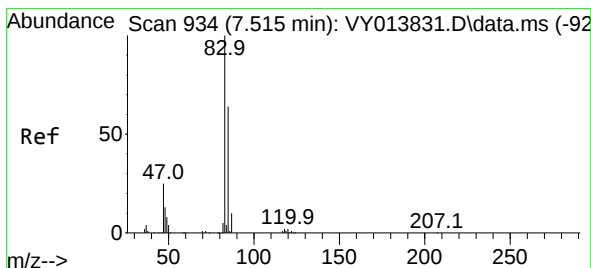
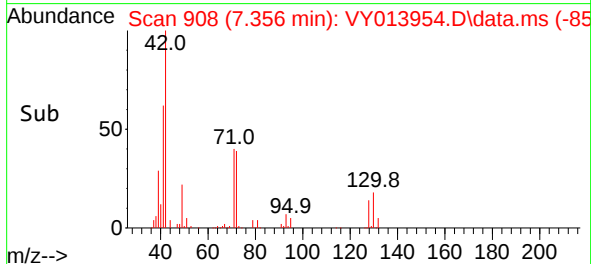
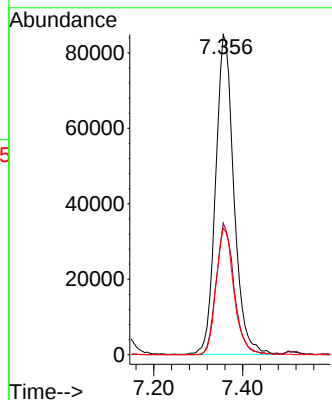
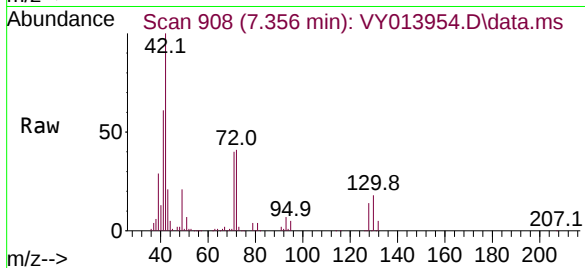
Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.7	47.5
71	38.6	30.6	45.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 54.163 ug/l

RT: 7.515 min Scan# 934

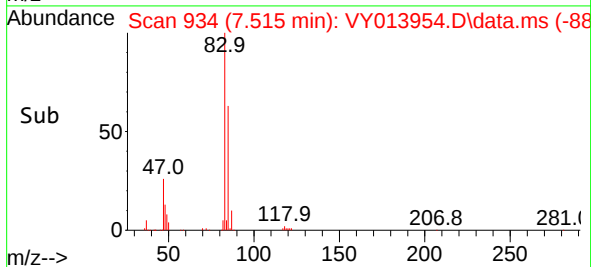
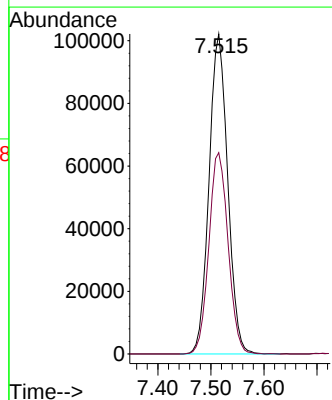
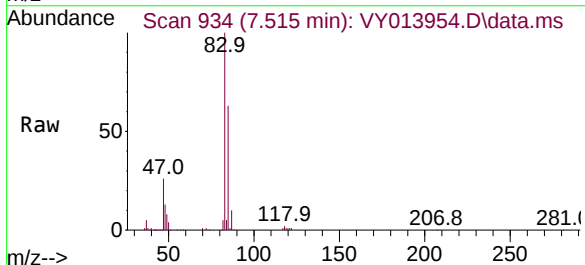
Delta R.T. 0.000 min

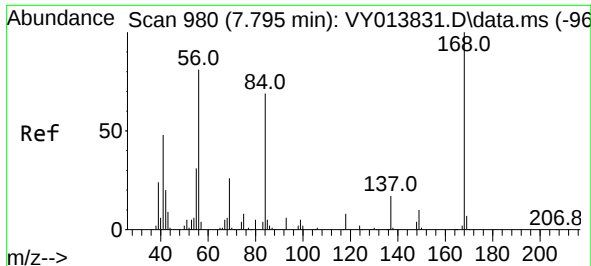
Lab File: VY013954.D

Acq: 31 May 2023 22:25

Tgt Ion: 83 Resp: 249621

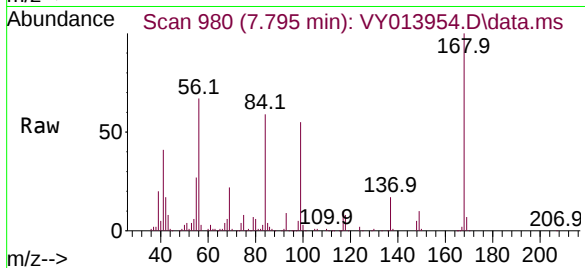
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6





#31
Cyclohexane
Concen: 42.106 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

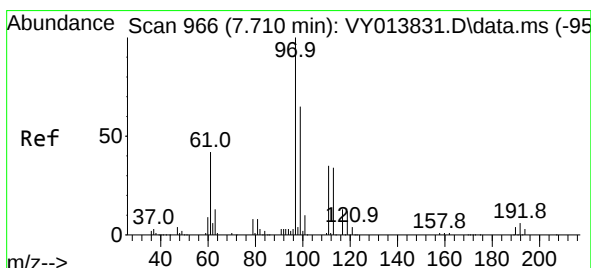
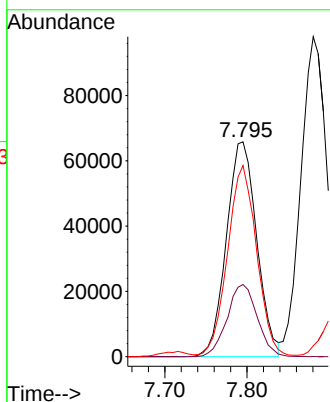
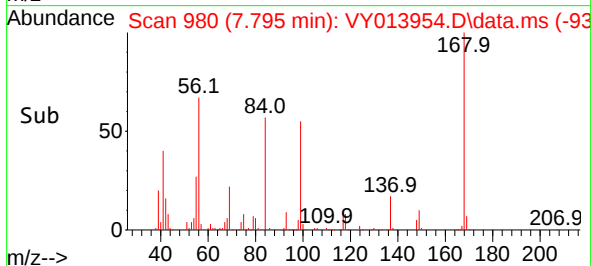
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16902
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.8
84 86.3 68.2 102.2

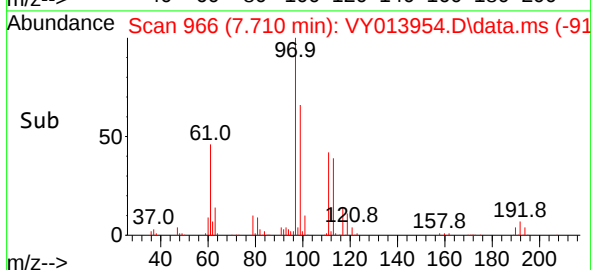
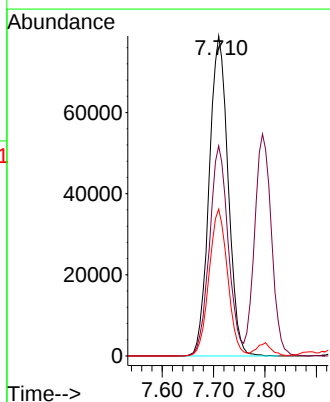
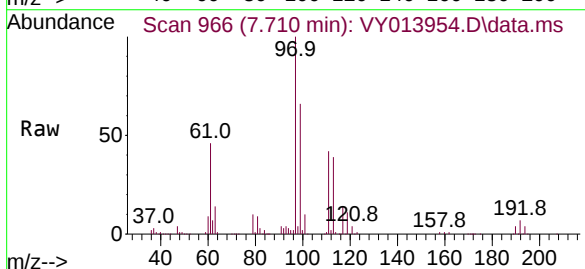
Manual Integrations
APPROVED

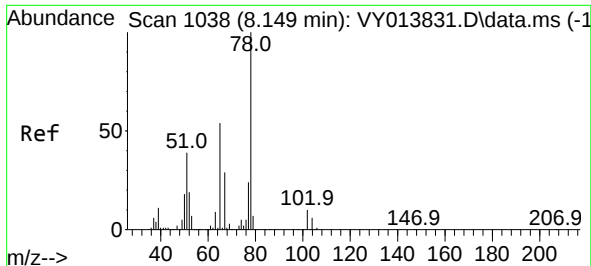
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 48.046 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion: 97 Resp: 202006
Ion Ratio Lower Upper
97 100
99 65.2 50.5 75.7
61 45.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 59.499 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15545

Ion Ratio Lower Upper

65 100

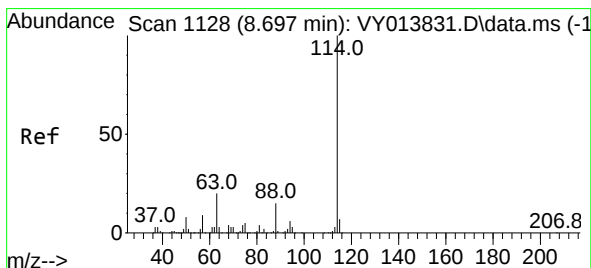
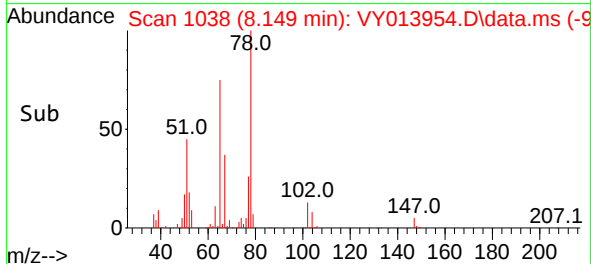
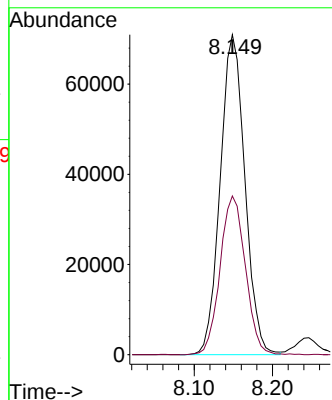
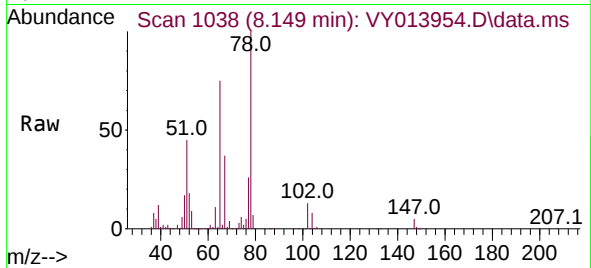
67 50.8 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

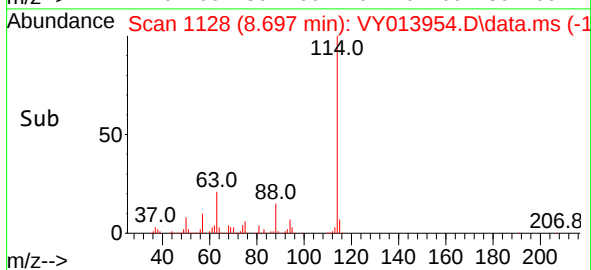
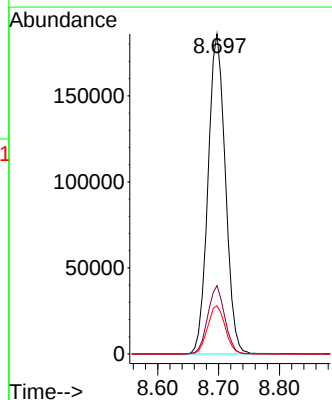
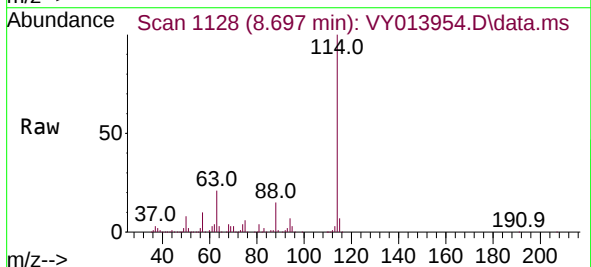
Tgt Ion:114 Resp: 367632

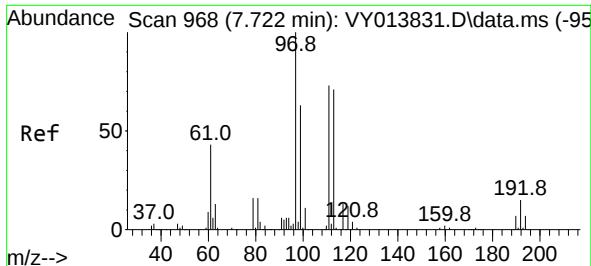
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

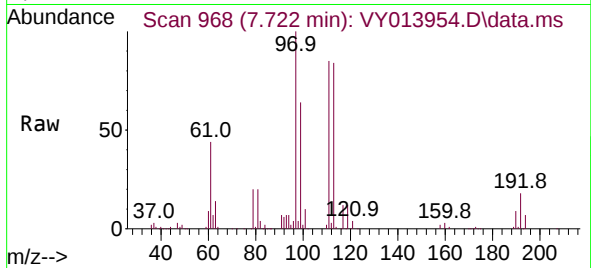
88 15.1 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.822 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

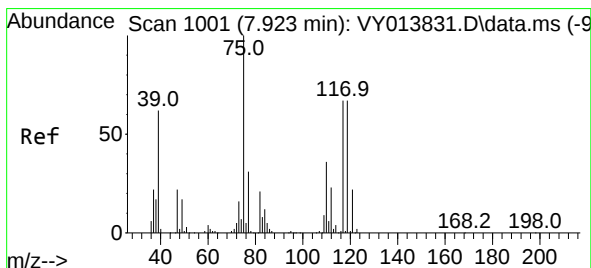
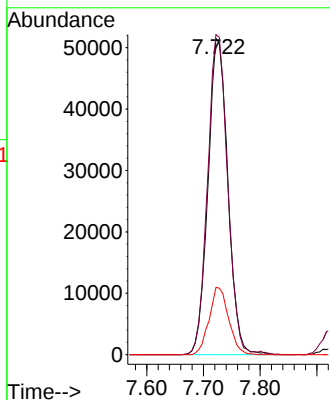
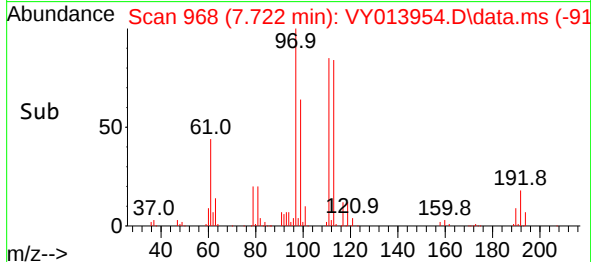
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 125410
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 20.9 16.6 25.0

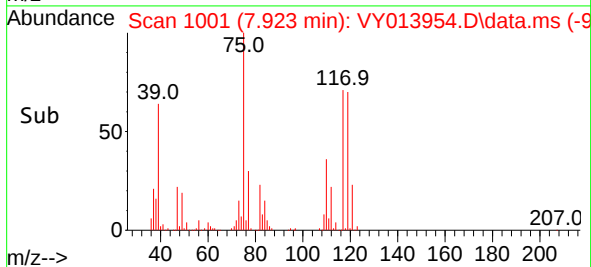
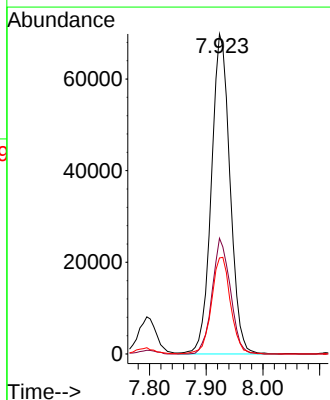
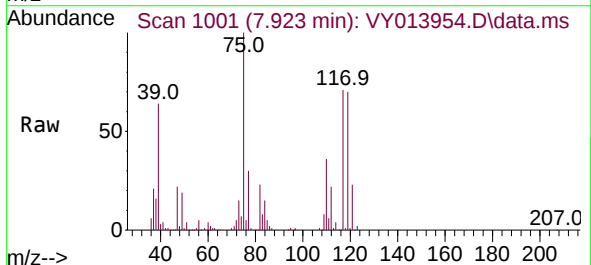
Manual Integrations
APPROVED

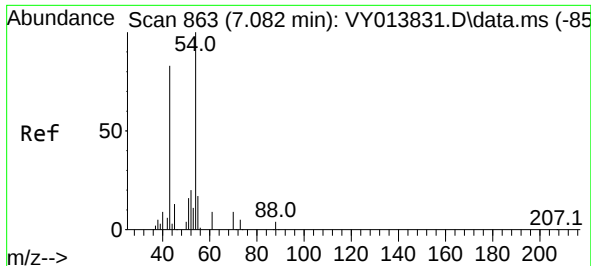
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#36
1,1-Dichloropropene
Concen: 44.190 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

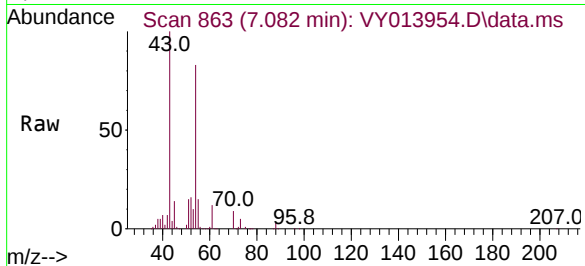
Tgt Ion: 75 Resp: 159801
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.6
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 75.290 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

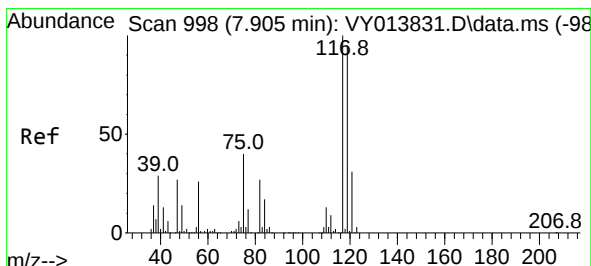
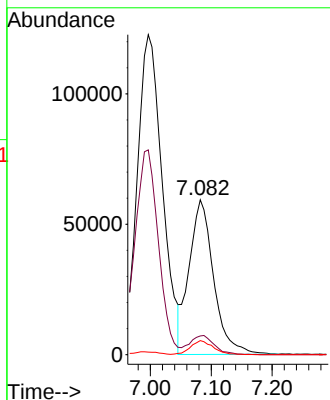
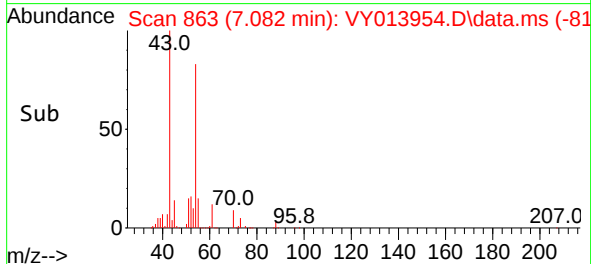
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 166070
Ion Ratio Lower Upper
43 100
61 12.3 10.5 15.7
70 8.5 6.9 10.3

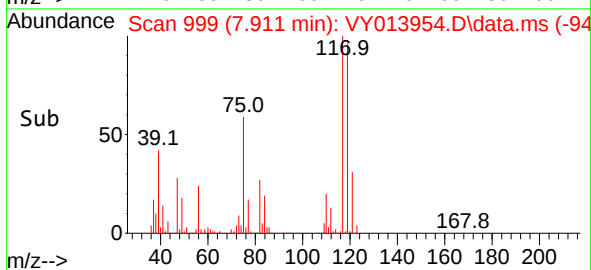
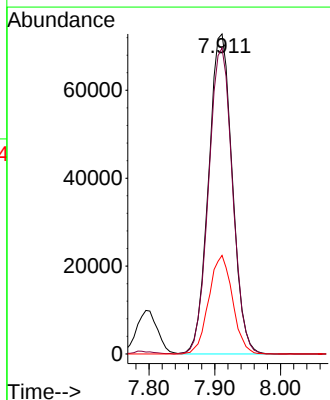
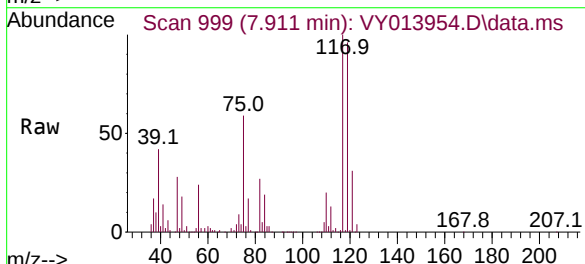
Manual Integrations
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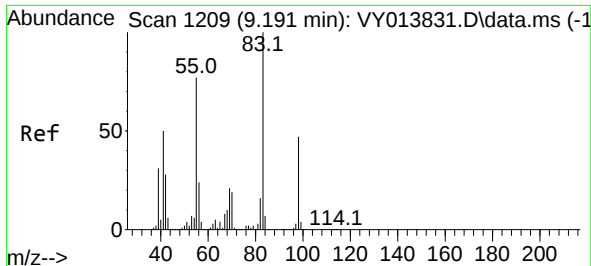
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#38
Carbon Tetrachloride
Concen: 44.505 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

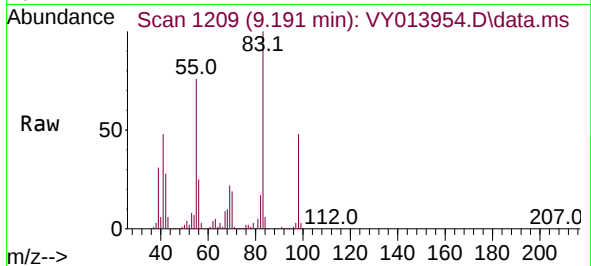
Tgt Ion:117 Resp: 183025
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4
121 30.8 24.8 37.2





#39
Methylcyclohexane
Concen: 42.700 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

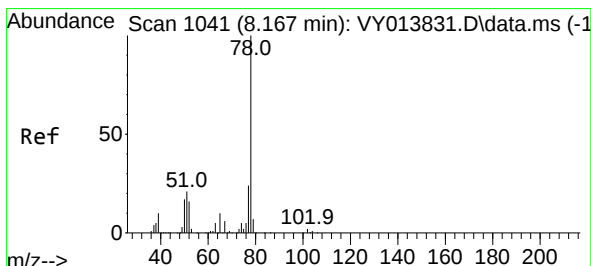
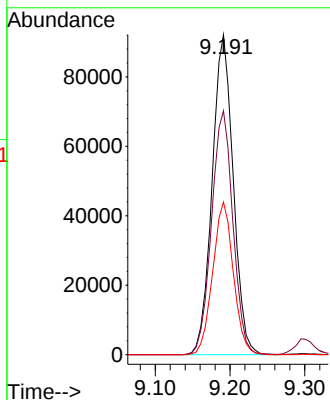
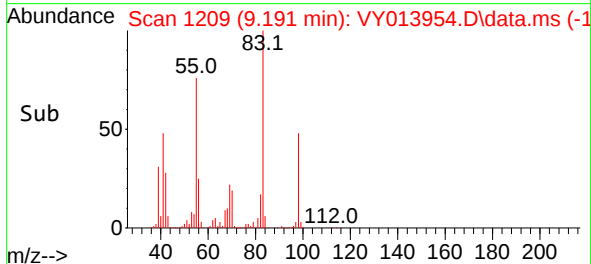
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 180832
Ion Ratio Lower Upper
83 100
55 76.2 61.6 92.4
98 47.7 38.0 57.0

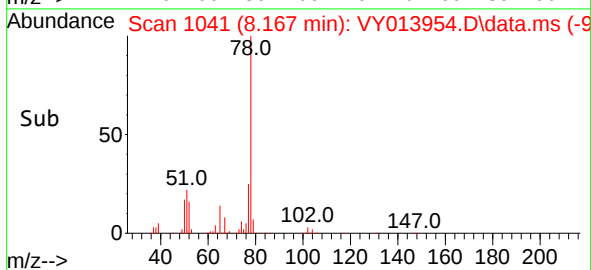
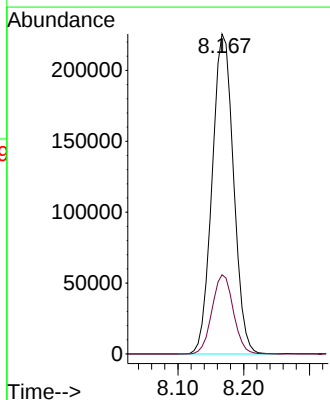
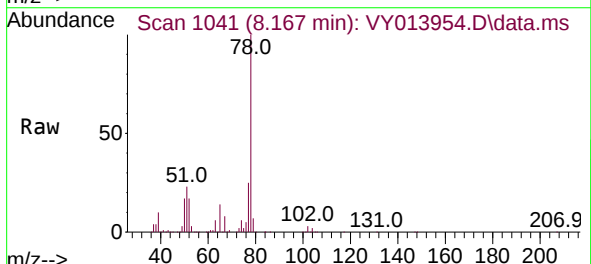
Manual Integrations
APPROVED

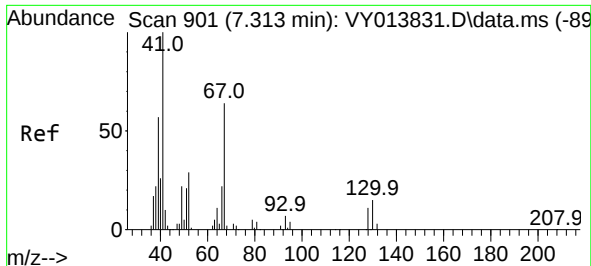
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#40
Benzene
Concen: 49.288 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

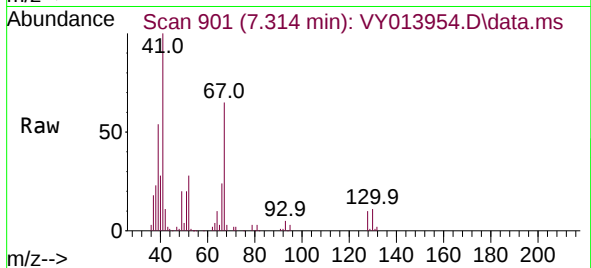
Tgt Ion: 78 Resp: 511928
Ion Ratio Lower Upper
78 100
77 24.7 19.5 29.3





#41
Methacrylonitrile
Concen: 58.881 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

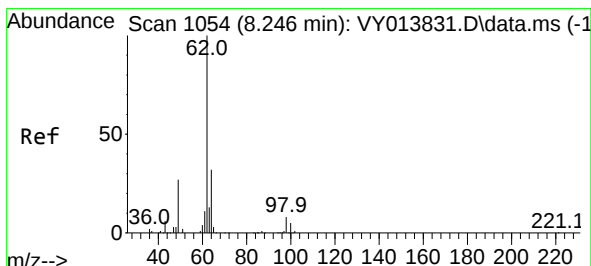
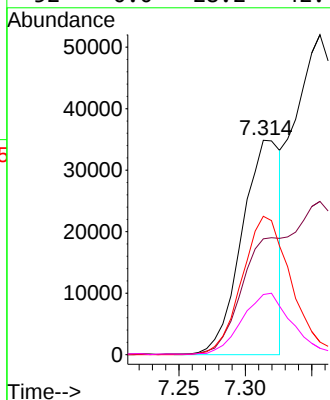
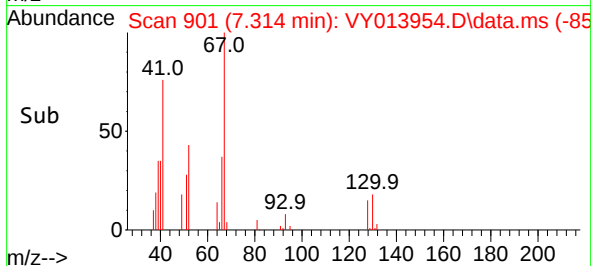
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



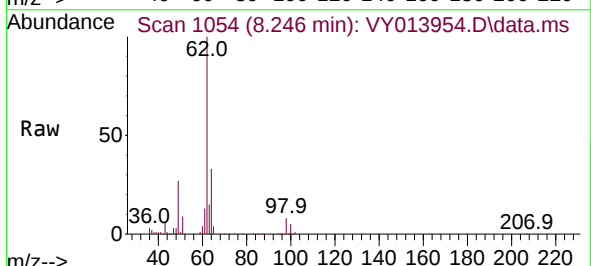
Tgt Ion: 41 Resp: 70860
Ion Ratio Lower Upper
41 100
39 162.5 44.1 66.1
67 0.0 63.7 95.5
52 0.0 28.2 42.4

Manual Integrations
APPROVED

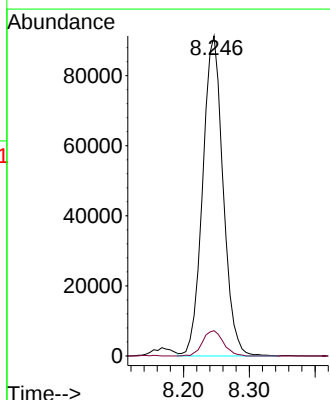
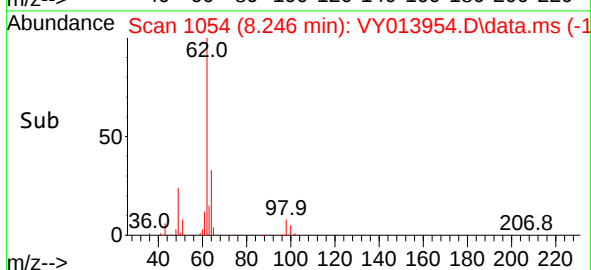
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

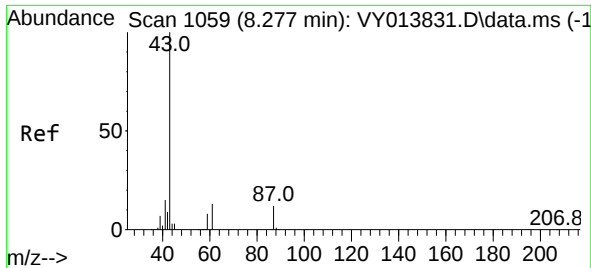


#42
1,2-Dichloroethane
Concen: 57.955 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



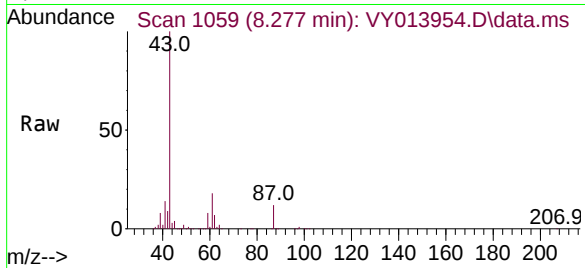
Tgt Ion: 62 Resp: 197087
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.8





#43
Isopropyl Acetate
Concen: 69.398 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

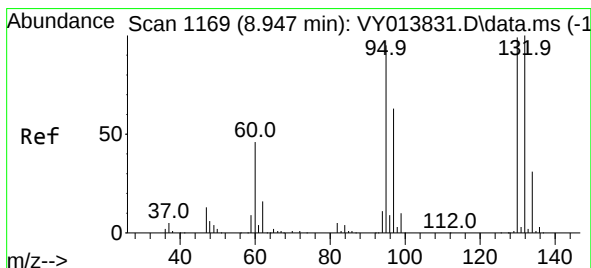
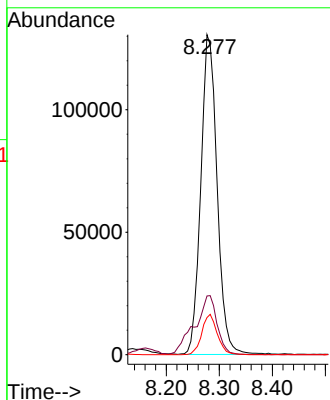
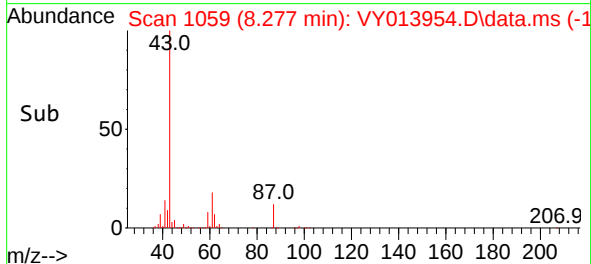
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27895
Ion Ratio Lower Upper
43 100
61 25.5 21.1 31.7
87 12.0 9.8 14.6

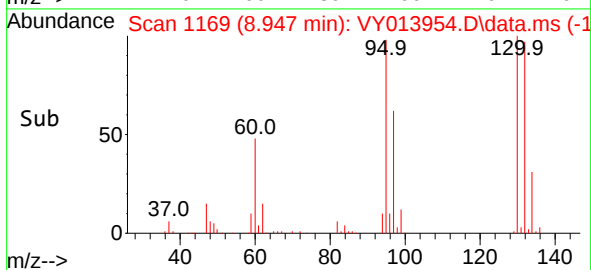
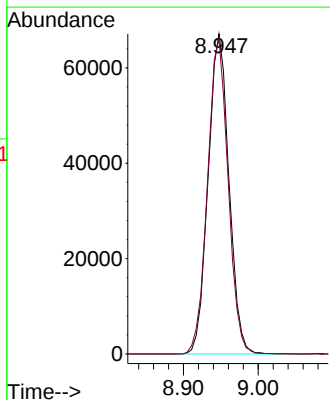
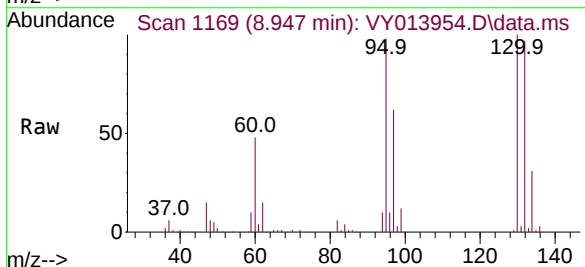
Manual Integrations
APPROVED

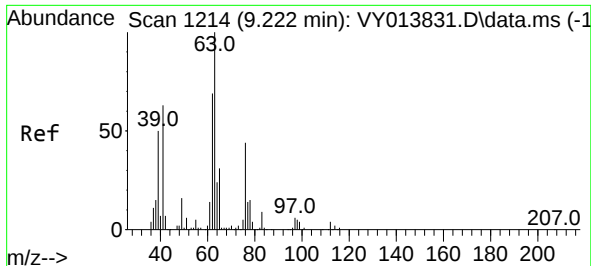
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#44
Trichloroethene
Concen: 46.269 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion:130 Resp: 129471
Ion Ratio Lower Upper
130 100
95 98.4 0.0 192.8





#45

1,2-Dichloropropane

Concen: 52.310 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13918

Ion Ratio Lower Upper

63 100

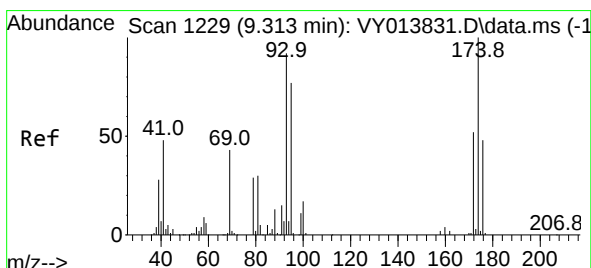
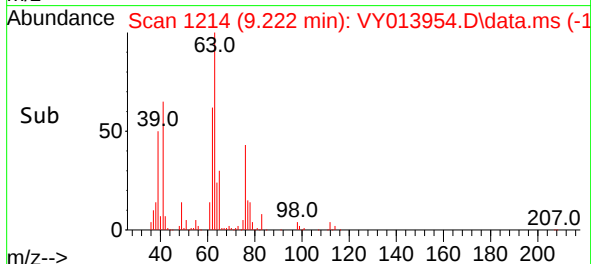
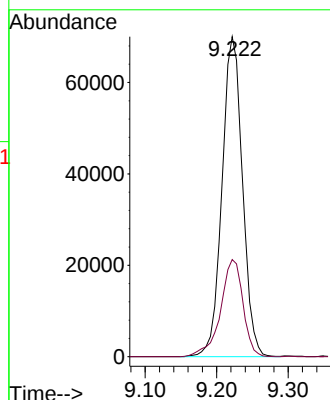
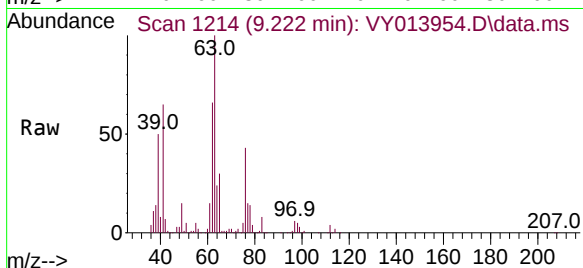
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 59.030 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

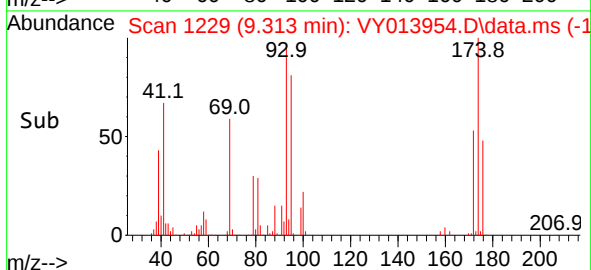
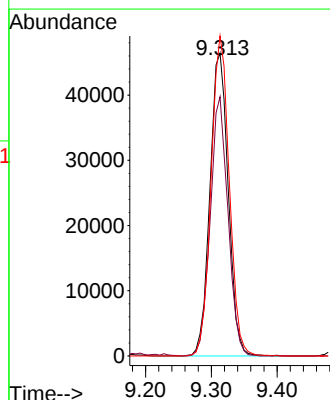
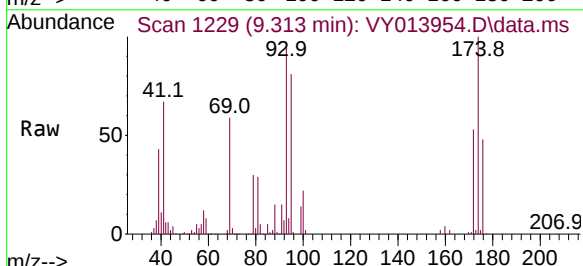
Tgt Ion: 93 Resp: 89951

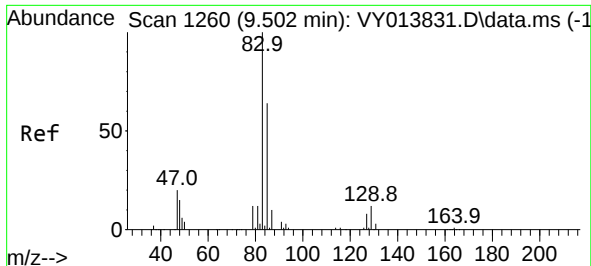
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

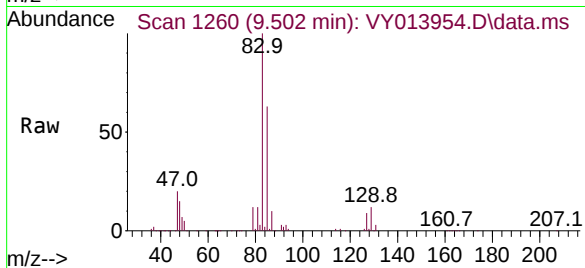
174 104.9 83.9 125.9





#47
Bromodichloromethane
Concen: 54.673 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

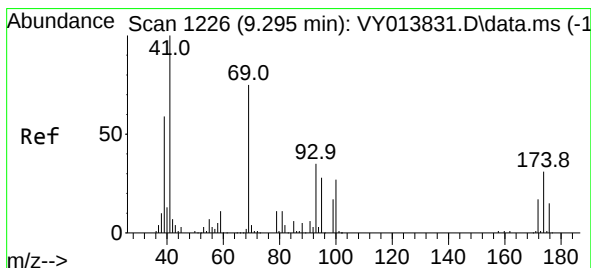
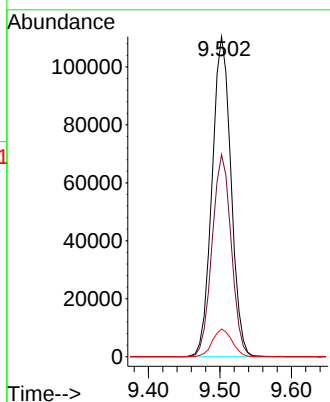
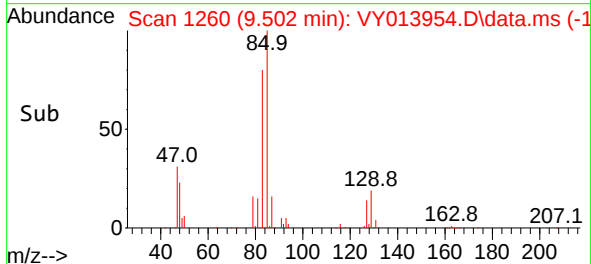
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



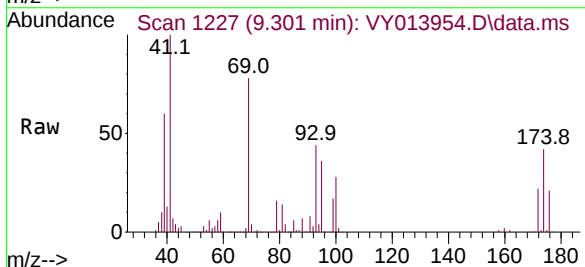
Tgt Ion: 83 Resp: 20303
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3
127 8.7 6.6 10.0

Manual Integrations
APPROVED

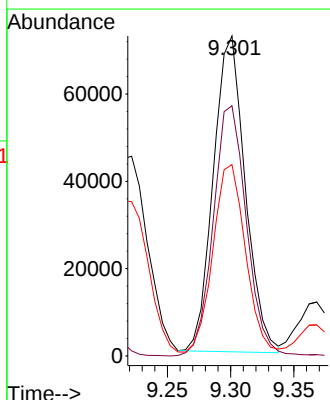
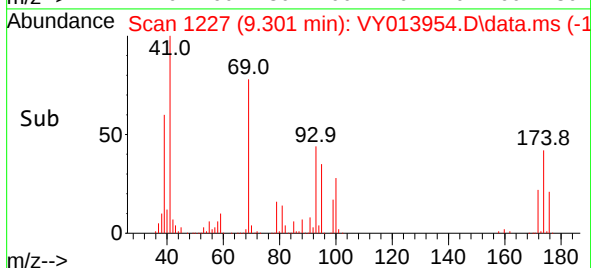
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

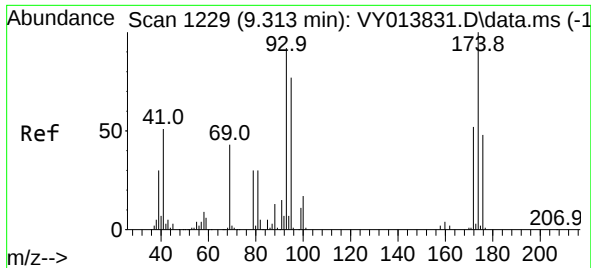


#48
Methyl methacrylate
Concen: 67.228 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



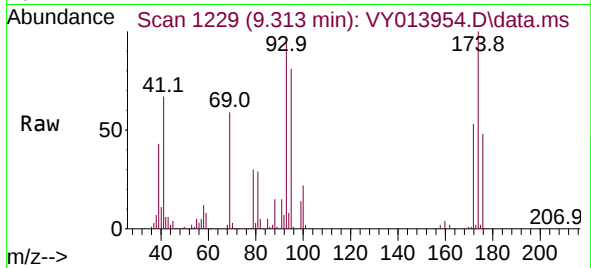
Tgt Ion: 41 Resp: 126895
Ion Ratio Lower Upper
41 100
69 82.7 62.0 93.0
39 62.7 45.7 68.5





#49
1,4-Dioxane
Concen: 1657.844 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

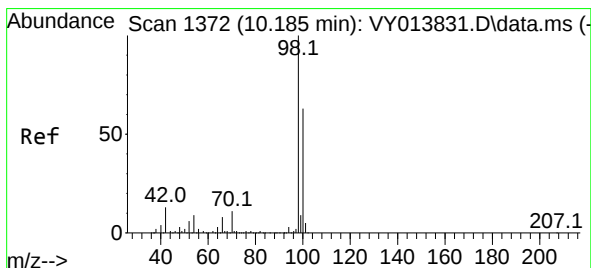
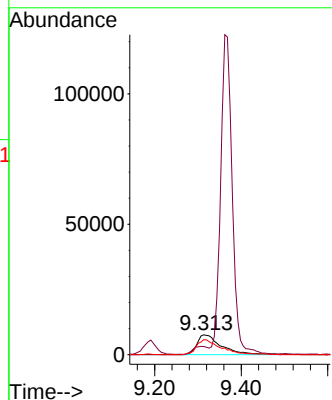
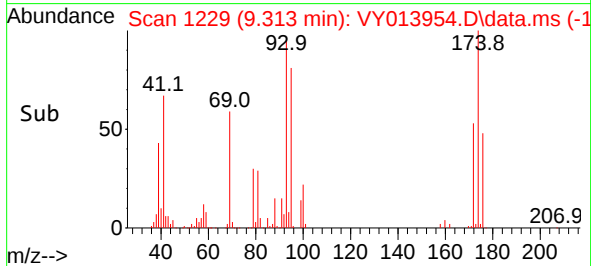
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



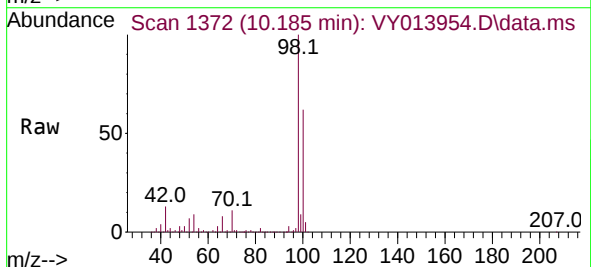
Tgt Ion: 88 Resp: 29690
Ion Ratio Lower Upper
88 100
43 25.8 0.0 0.0
58 74.9 59.0 88.6

Manual Integrations
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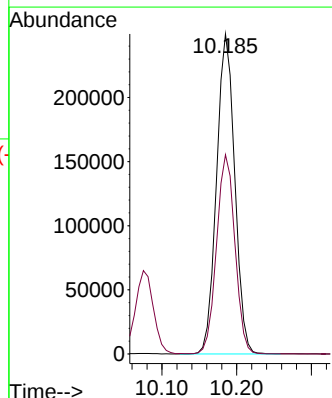
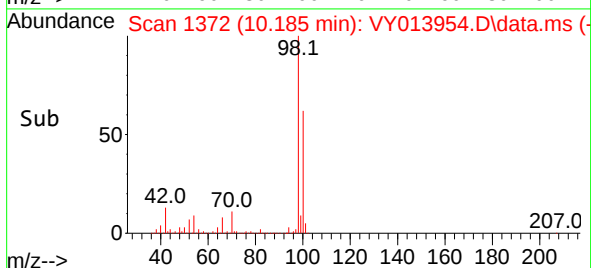
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

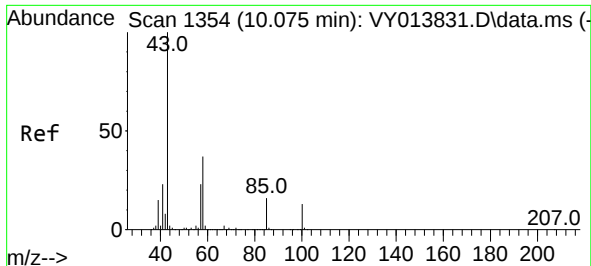


#50
Toluene-d8
Concen: 46.782 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



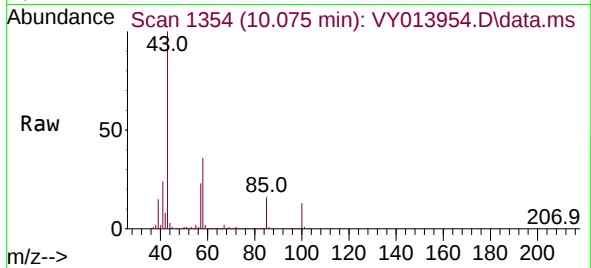
Tgt Ion: 98 Resp: 422142
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2





#51
4-Methyl-2-Pentanone
Concen: 385.020 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

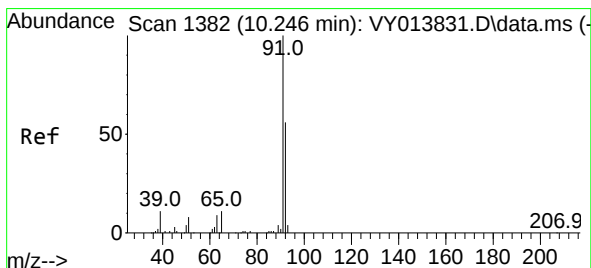
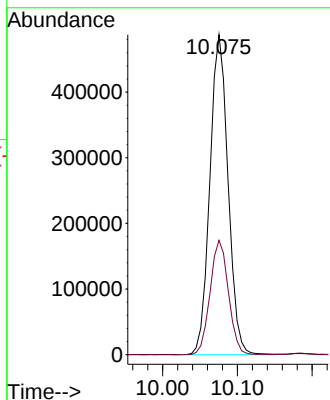
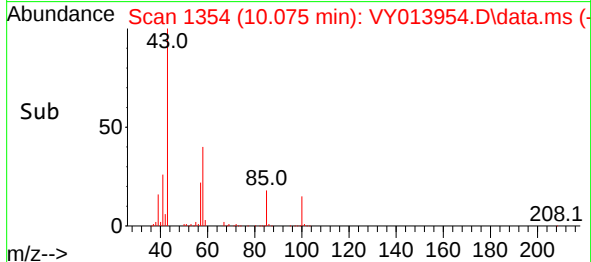
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



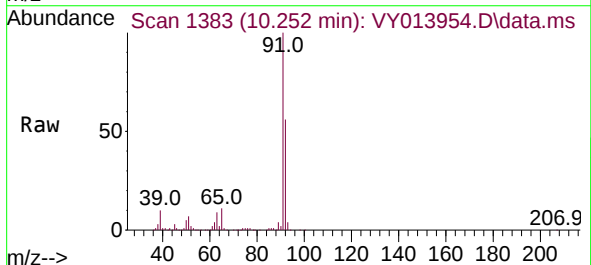
Tgt Ion: 43 Resp: 824760
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7

Manual Integrations
APPROVED

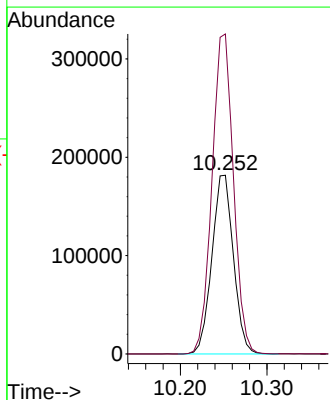
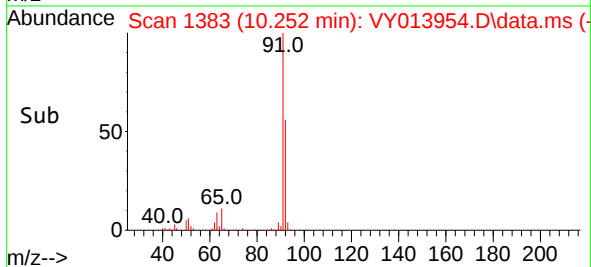
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

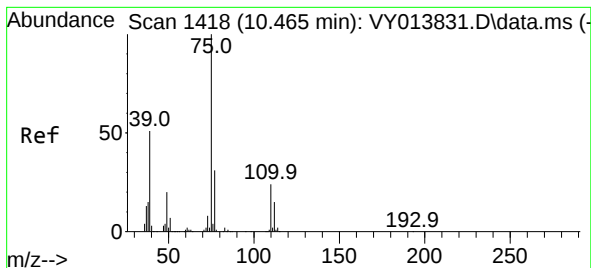


#52
Toluene
Concen: 49.546 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



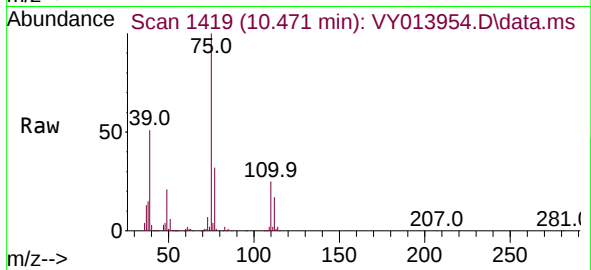
Tgt Ion: 92 Resp: 313768
Ion Ratio Lower Upper
92 100
91 178.4 142.2 213.4





#53
t-1,3-Dichloropropene
Concen: 56.764 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

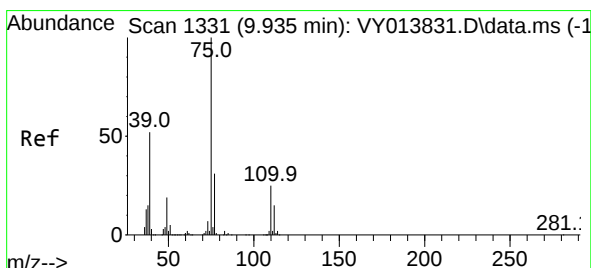
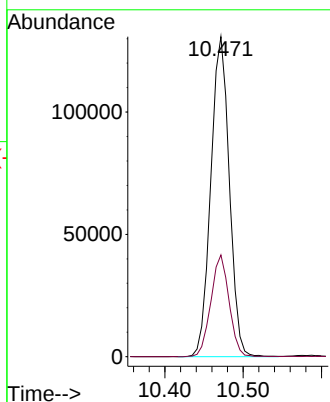
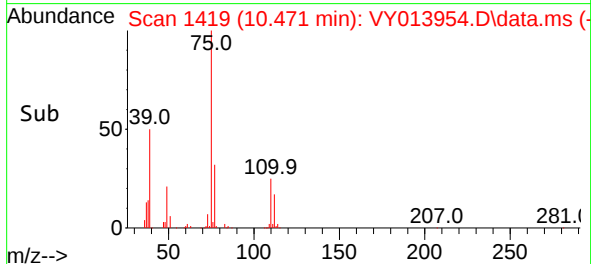
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



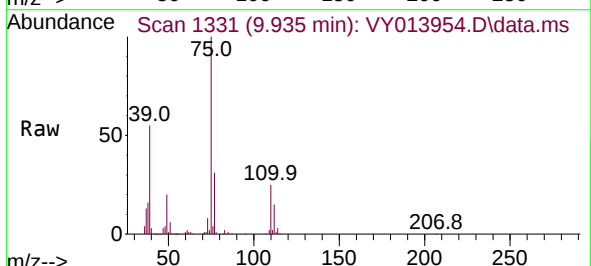
Tgt Ion: 75 Resp: 214579
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2

Manual Integrations
APPROVED

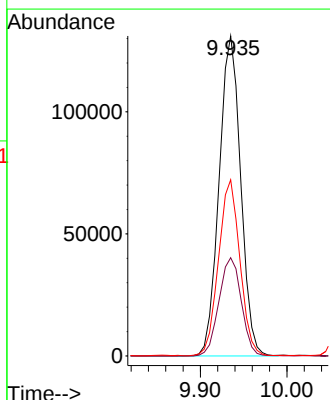
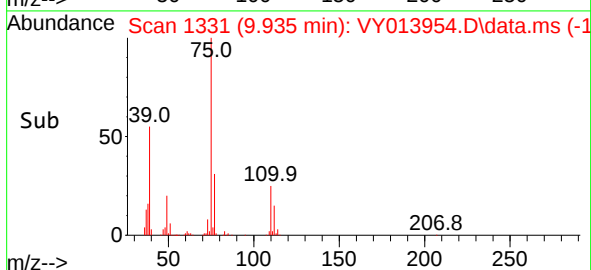
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

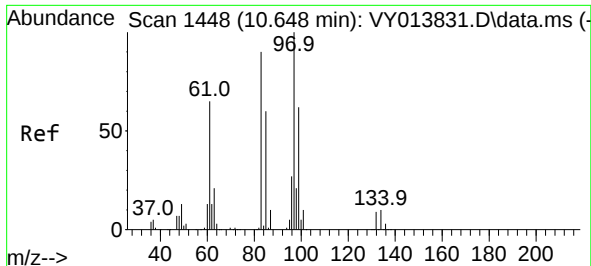


#54
cis-1,3-Dichloropropene
Concen: 53.529 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



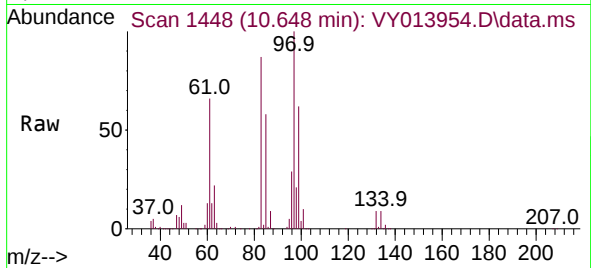
Tgt Ion: 75 Resp: 226684
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 54.9 41.8 62.8





#55
1,1,2-Trichloroethane
Concen: 60.498 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

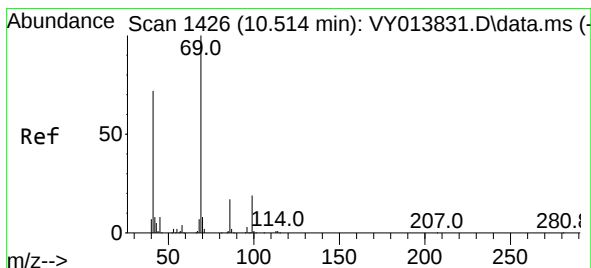
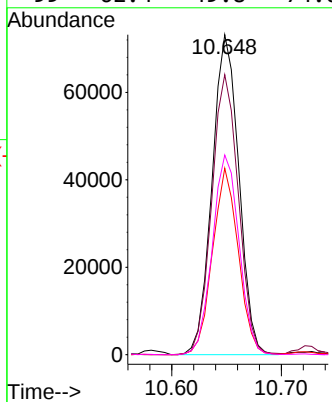
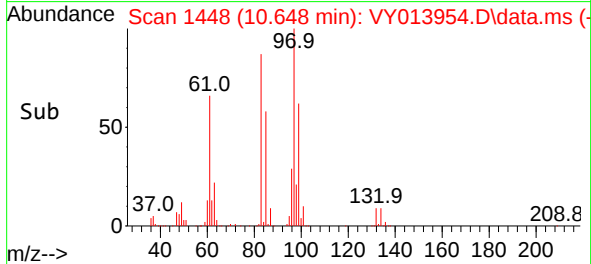
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	124020
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.9	107.9
85	58.3	47.6	71.4
99	62.4	49.8	74.6

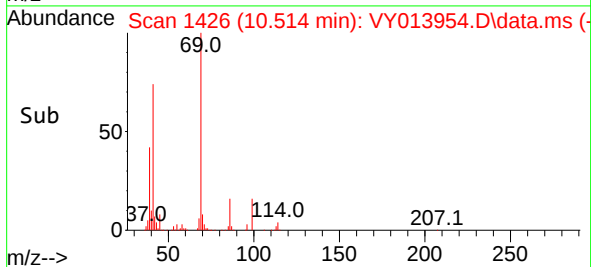
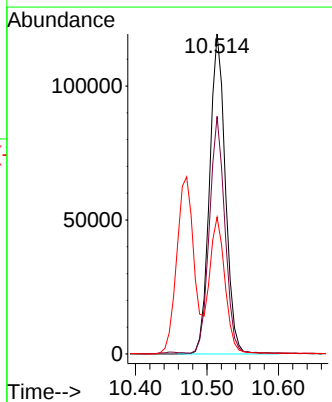
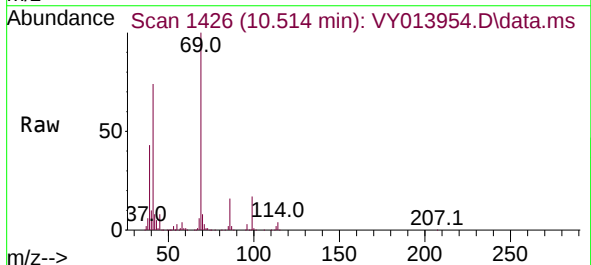
Manual Integrations
APPROVED

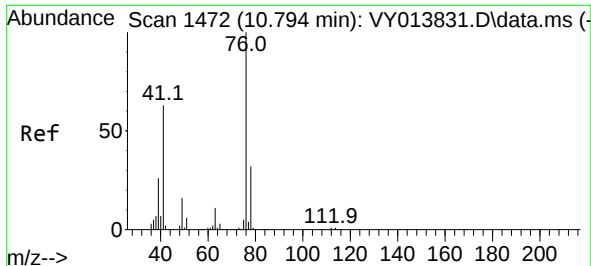
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#56
Ethyl methacrylate
Concen: 66.971 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion:	69	Resp:	183272
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.8	86.6
39	40.2	33.9	50.9





#57

1,3-Dichloropropane

Concen: 59.641 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 20823

Ion Ratio Lower Upper

76 100

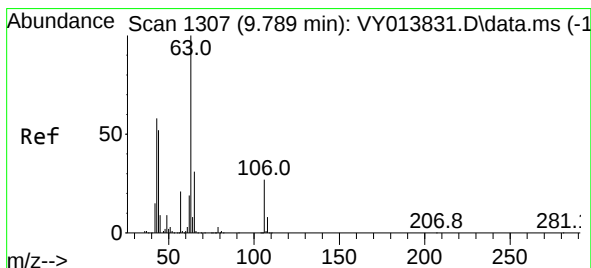
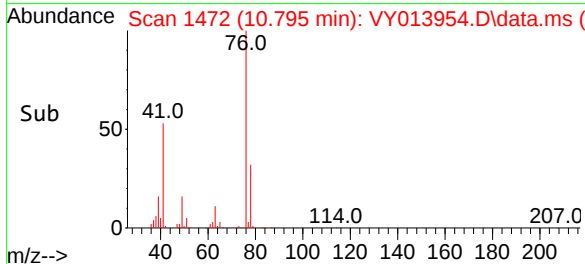
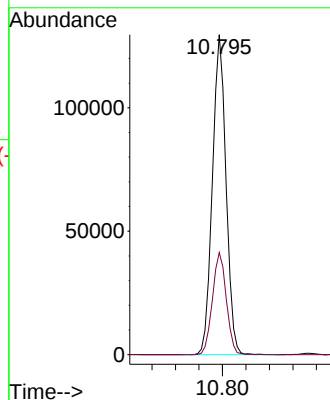
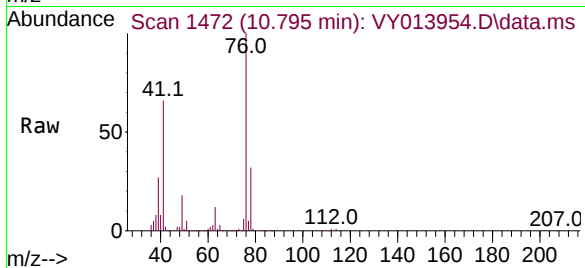
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 265.076 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY013954.D

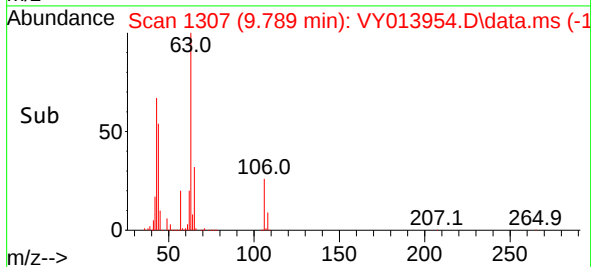
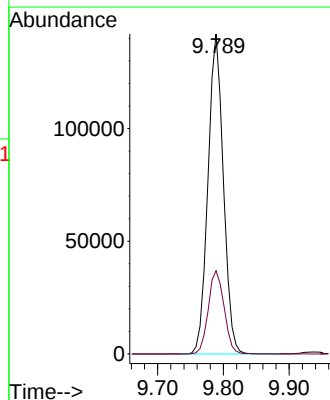
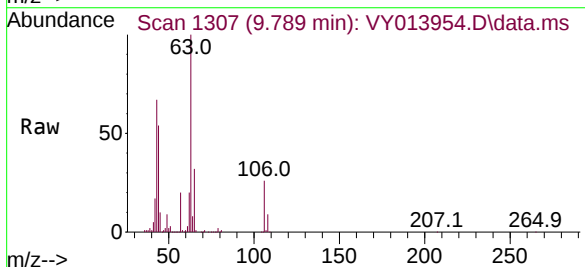
Acq: 31 May 2023 22:25

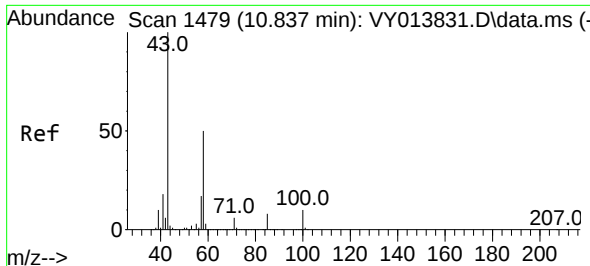
Tgt Ion: 63 Resp: 231461

Ion Ratio Lower Upper

63 100

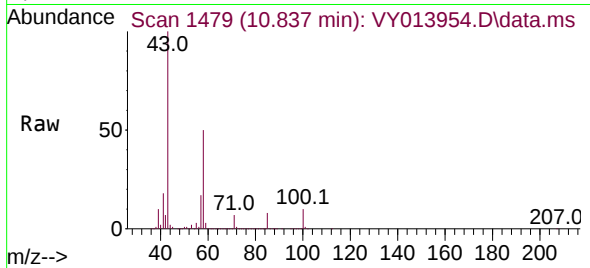
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 390.083 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

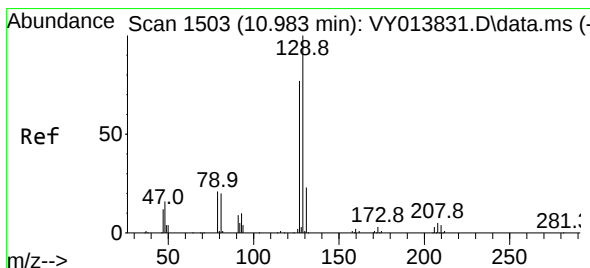
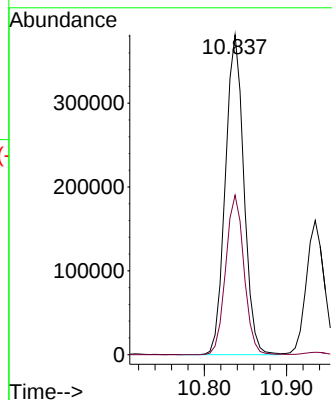
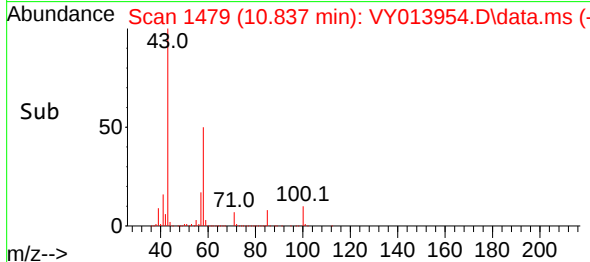
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 59438
Ion Ratio Lower Upper
43 100
58 49.4 24.8 74.3

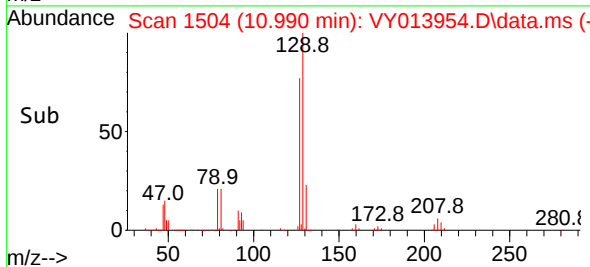
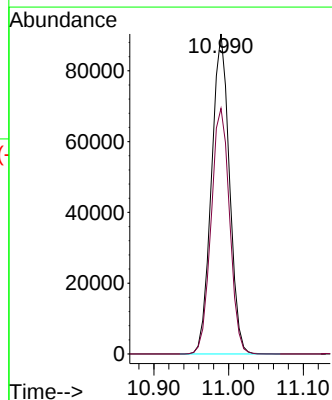
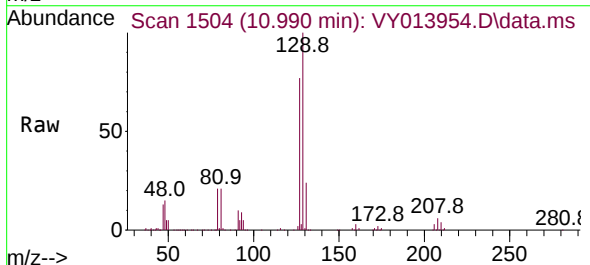
Manual Integrations
APPROVED

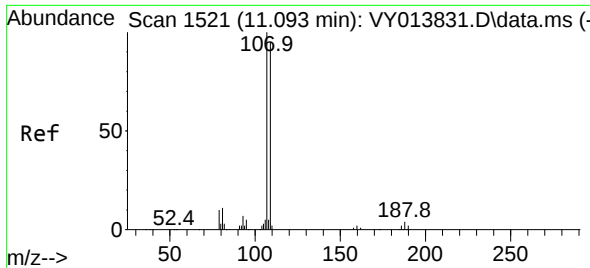
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#60
Dibromochloromethane
Concen: 58.165 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

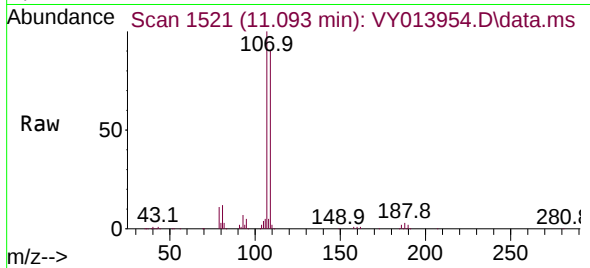
Tgt Ion:129 Resp: 150839
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 63.057 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

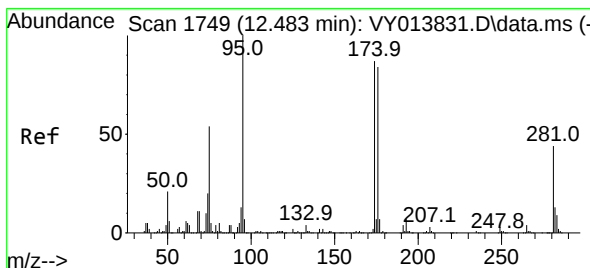
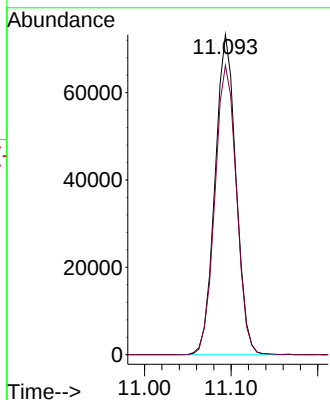
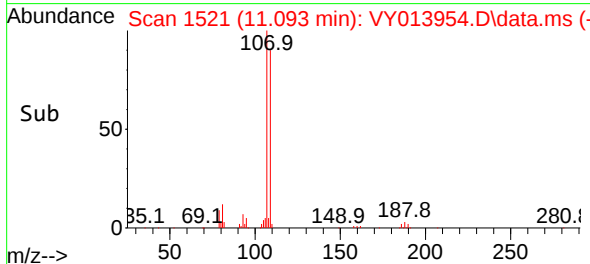
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



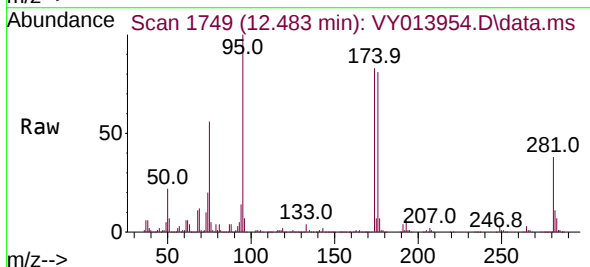
Tgt Ion:107 Resp: 122974
Ion Ratio Lower Upper
107 100
109 93.1 74.9 112.3

Manual Integrations
APPROVED

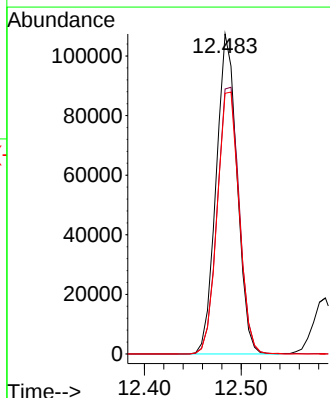
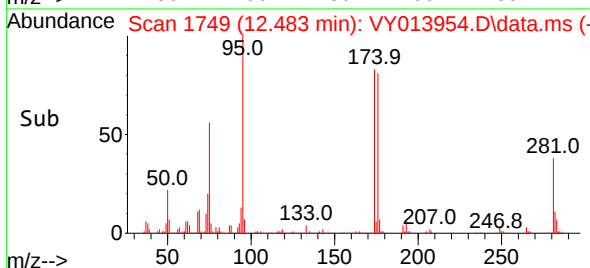
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

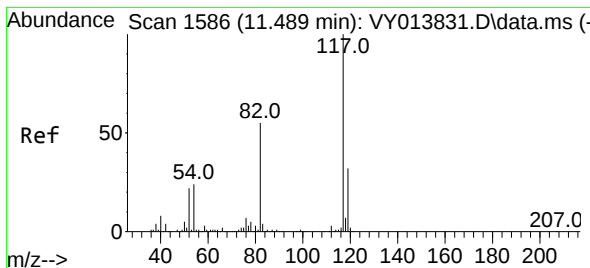


#62
4-Bromofluorobenzene
Concen: 53.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion: 95 Resp: 161058
Ion Ratio Lower Upper
95 100
174 87.7 0.0 176.0
176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013954.D

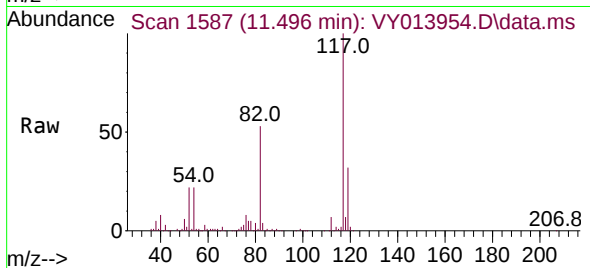
Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 350349

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.4

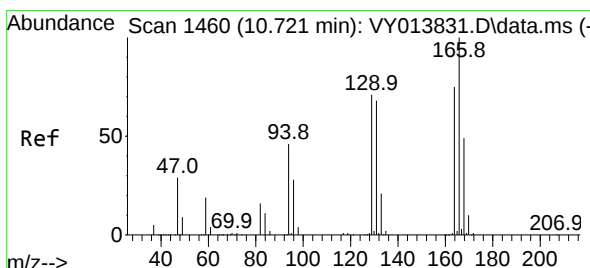
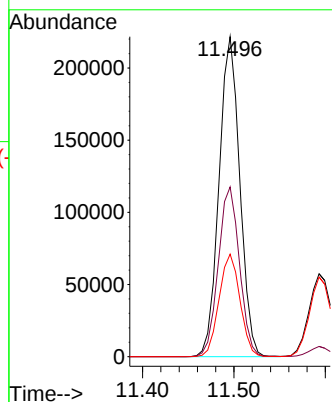
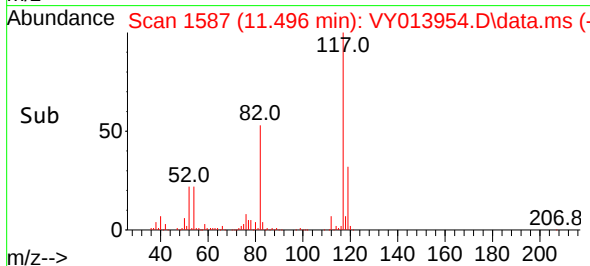
119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#64

Tetrachloroethene

Concen: 45.470 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Tgt Ion:164 Resp: 117869

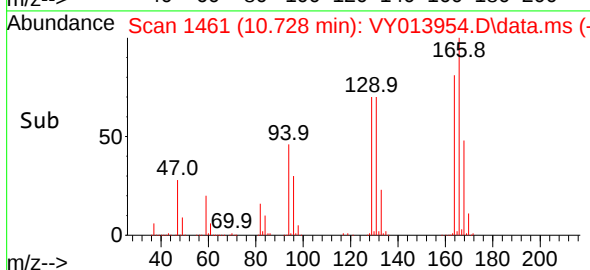
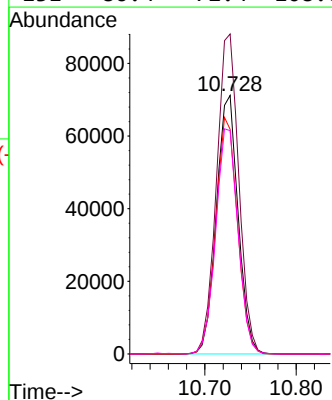
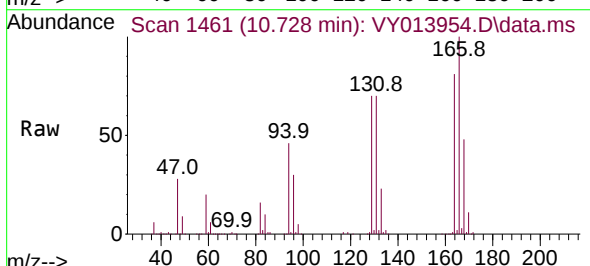
Ion Ratio Lower Upper

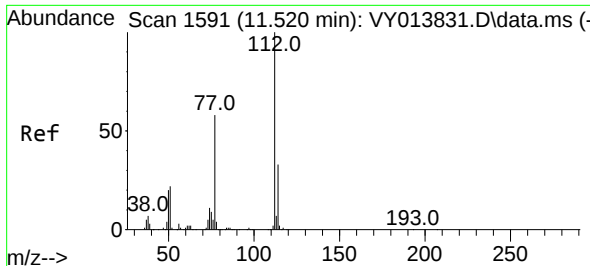
164 100

166 123.8 106.2 159.2

129 86.9 75.4 113.0

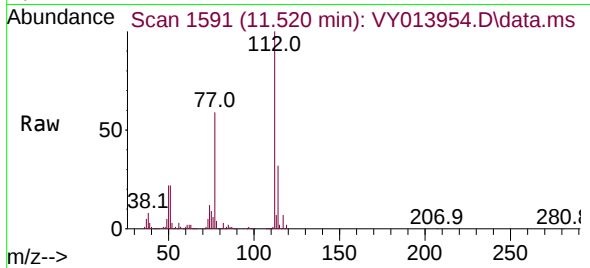
131 86.4 72.4 108.6





#65
Chlorobenzene
Concen: 48.076 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

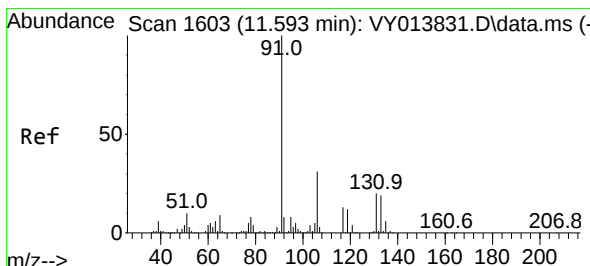
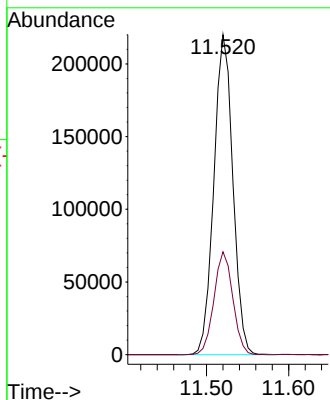
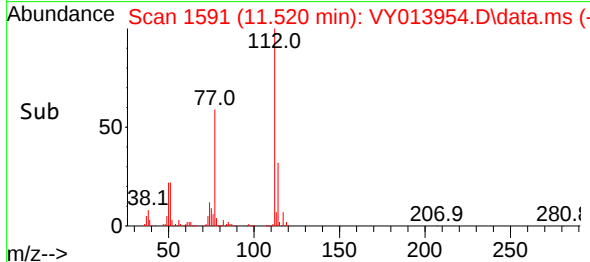
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



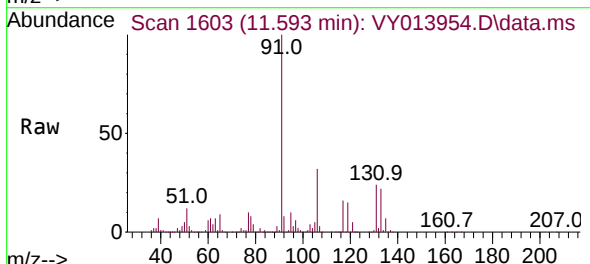
Tgt Ion:112 Resp: 353017
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

Manual Integrations
APPROVED

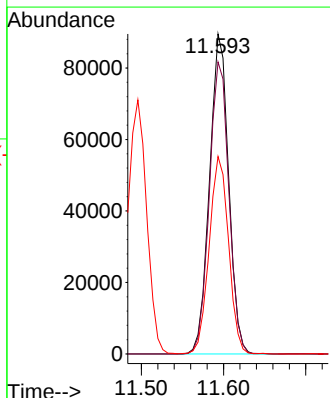
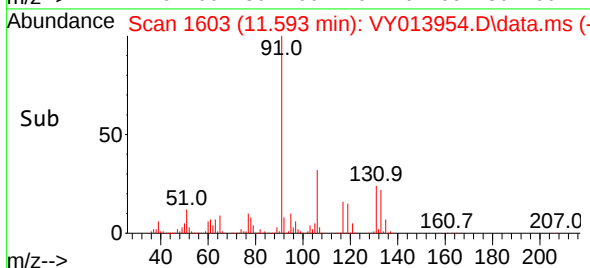
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

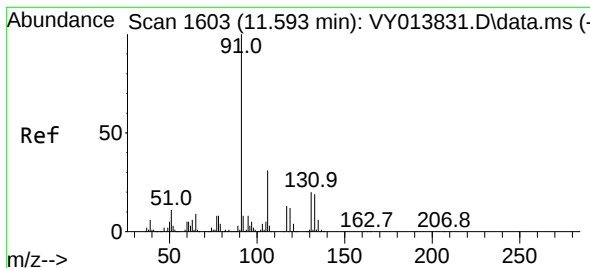


#66
1,1,1,2-Tetrachloroethane
Concen: 50.814 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion:131 Resp: 144007
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.7
119 62.8 32.1 96.5





#67

Ethyl Benzene

Concen: 45.694 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 60380

Ion Ratio Lower Upper

91 100

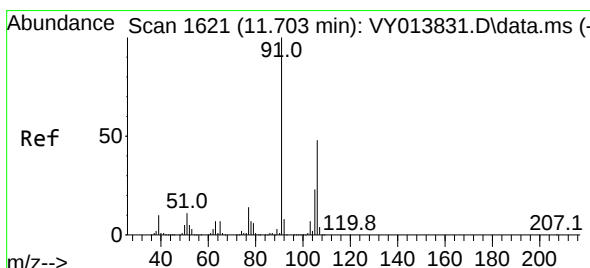
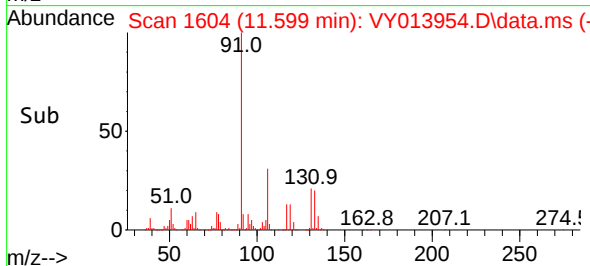
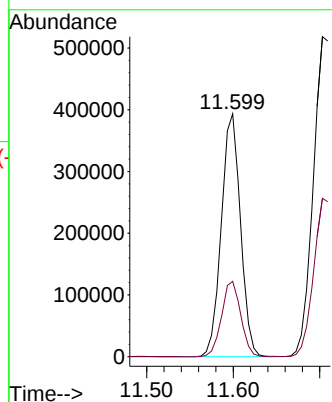
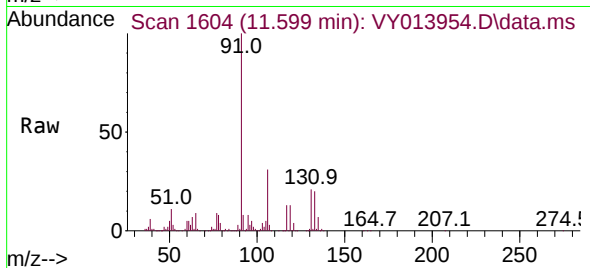
106 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#68

m/p-Xylenes

Concen: 93.740 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013954.D

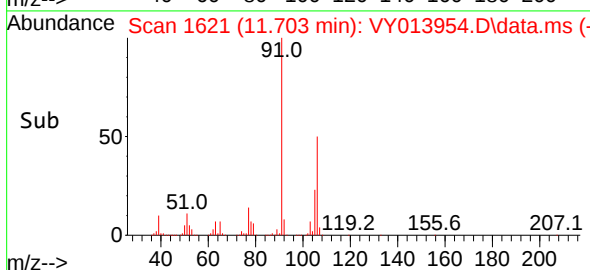
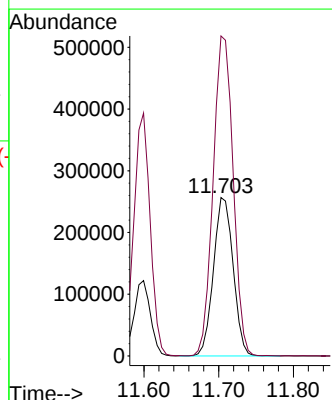
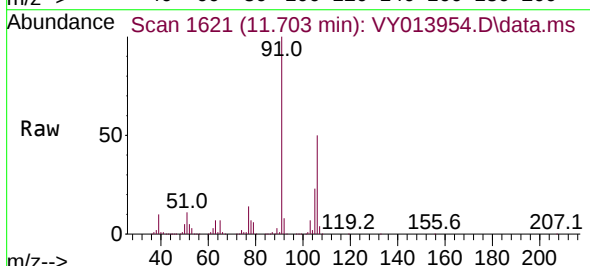
Acq: 31 May 2023 22:25

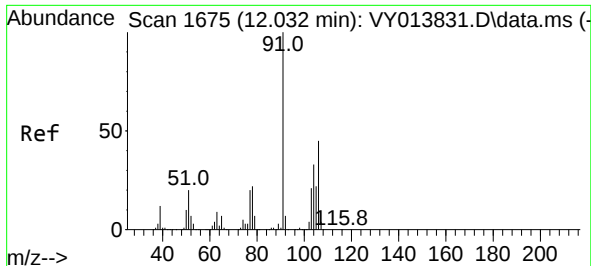
Tgt Ion:106 Resp: 468767

Ion Ratio Lower Upper

106 100

91 205.9 164.9 247.3





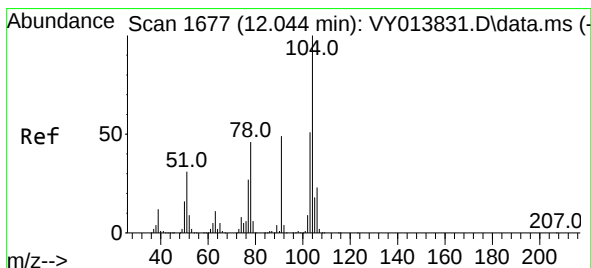
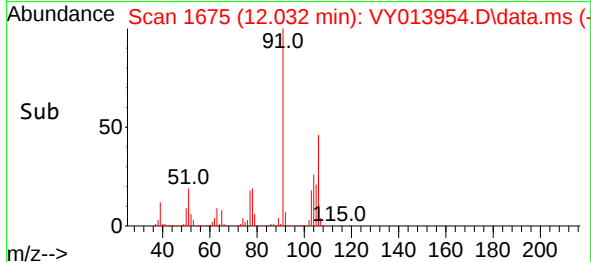
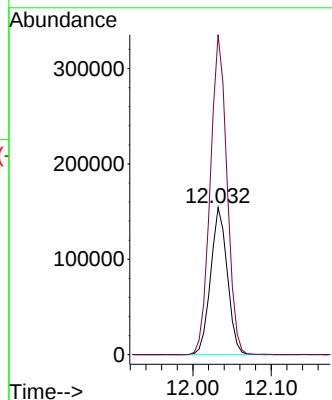
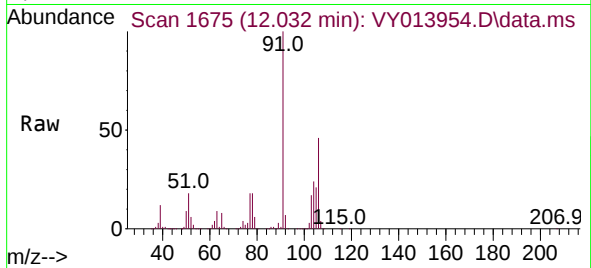
#69
o-Xylene
Concen: 48.431 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 228135
Ion Ratio Lower Upper
106 100
91 217.9 109.0 327.0

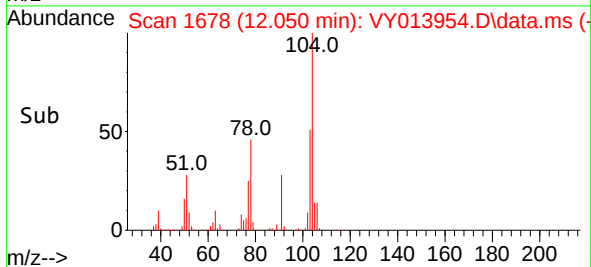
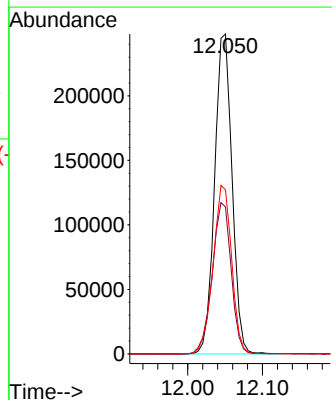
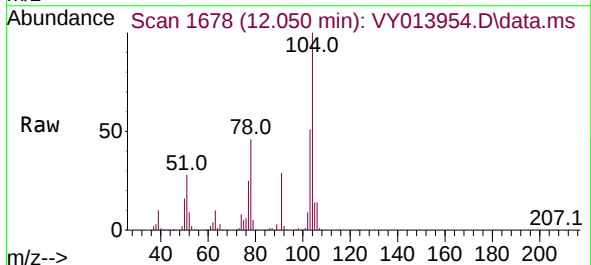
Manual Integrations
APPROVED

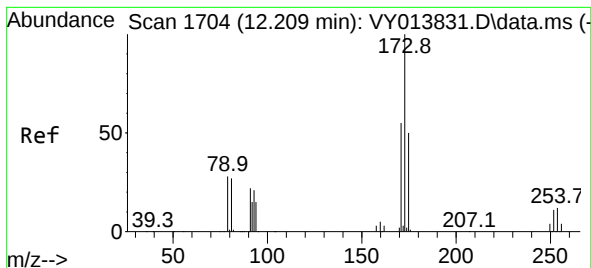
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 50.357 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion:104 Resp: 401810
Ion Ratio Lower Upper
104 100
78 51.5 40.8 61.2
103 56.1 44.2 66.4





#71

Bromoform

Concen: 59.376 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 10998

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.4

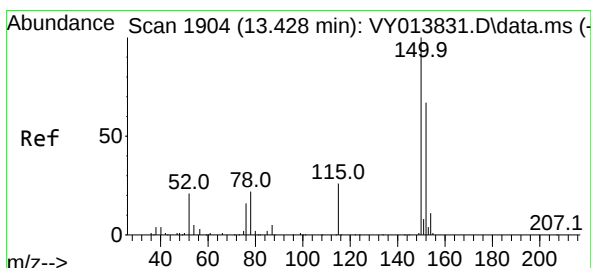
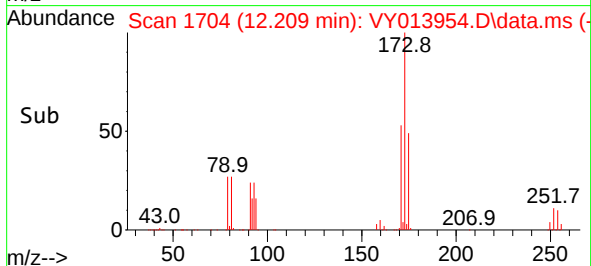
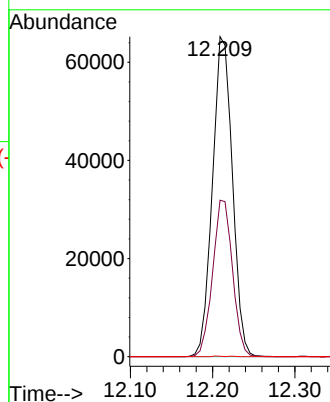
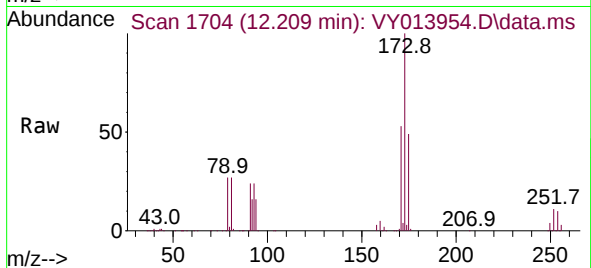
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

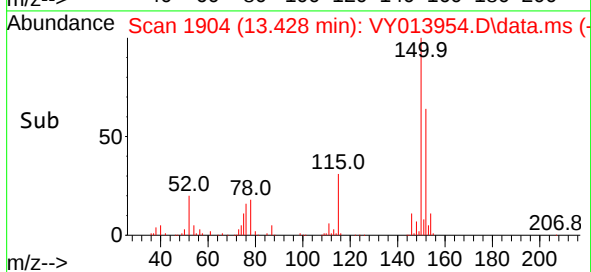
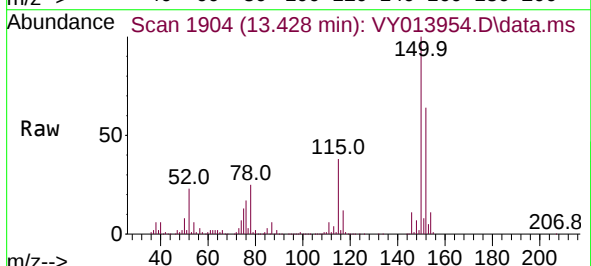
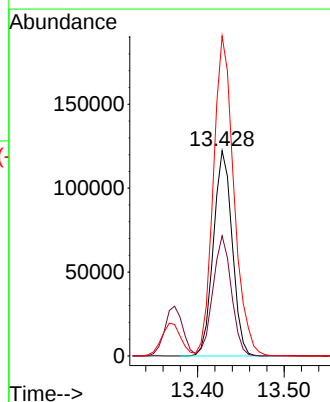
Tgt Ion:152 Resp: 184129

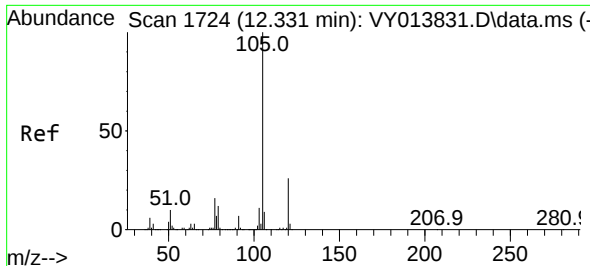
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

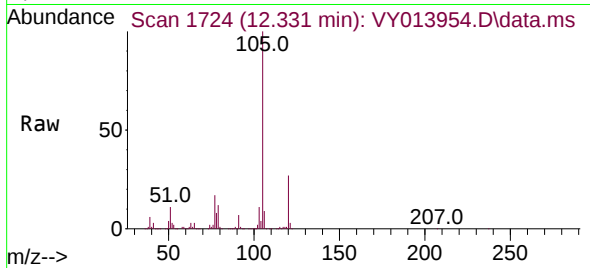
150 170.8 0.0 353.4





#73
Isopropylbenzene
Concen: 42.092 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

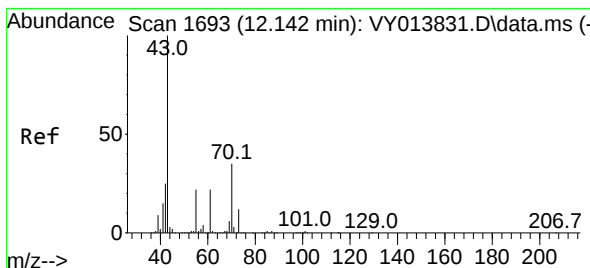
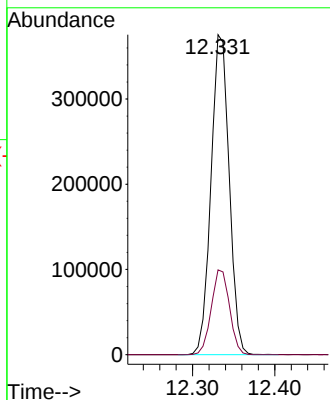
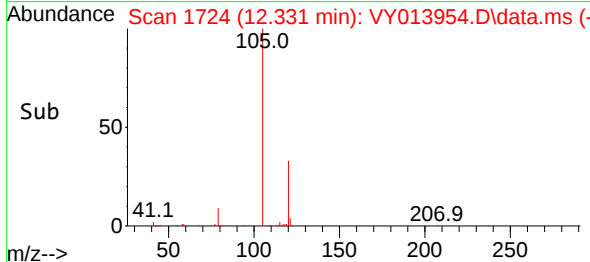
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



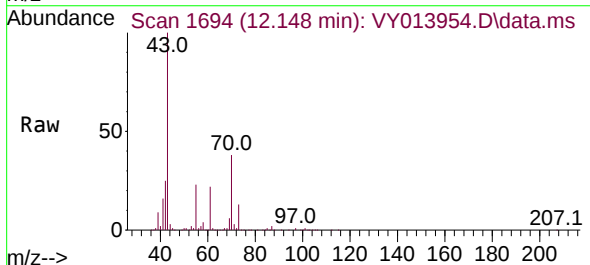
Tgt Ion:105 Resp: 57685
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Manual Integrations
APPROVED

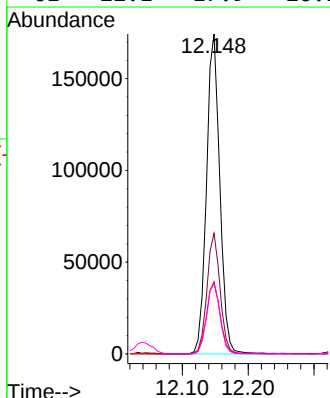
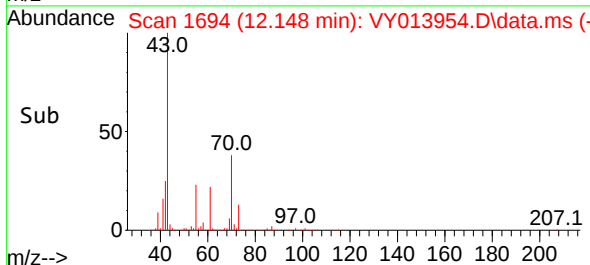
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

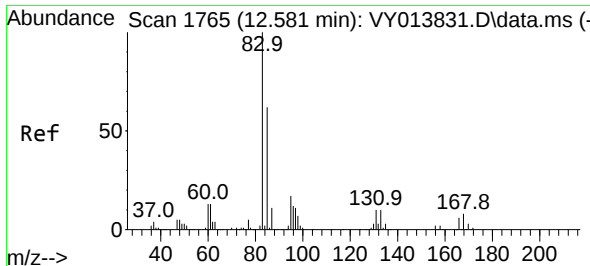


#74
N-ethyl acetate
Concen: 59.707 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion: 43 Resp: 246015
Ion Ratio Lower Upper
43 100
70 37.2 29.3 43.9
55 23.2 18.0 27.0
61 22.1 17.9 26.9





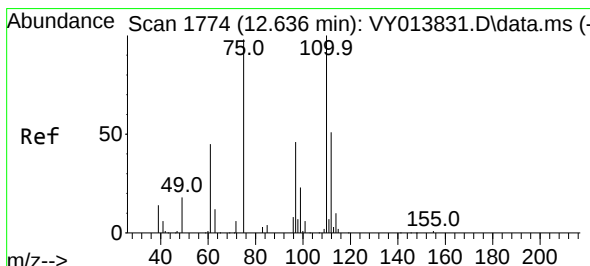
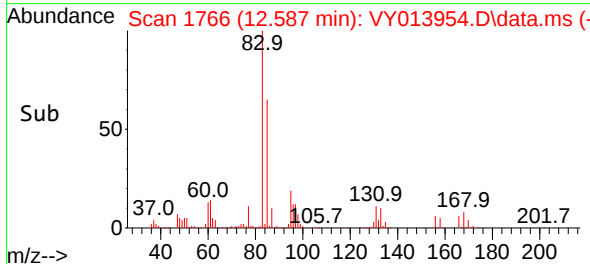
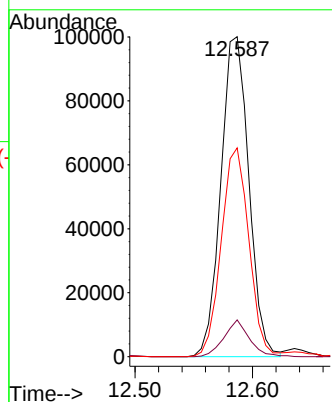
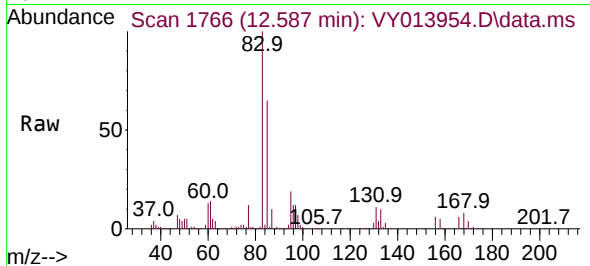
#75
1,1,2,2-Tetrachloroethane
Concen: 58.395 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16566
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 64.4 31.9 95.7

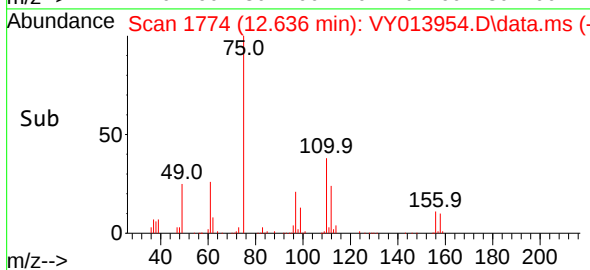
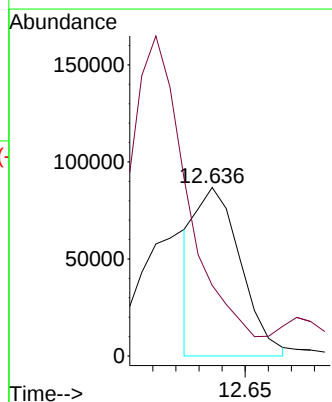
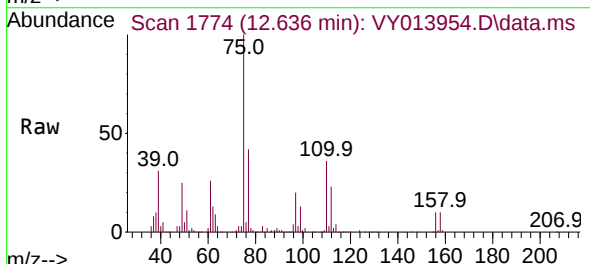
Manual Integrations
APPROVED

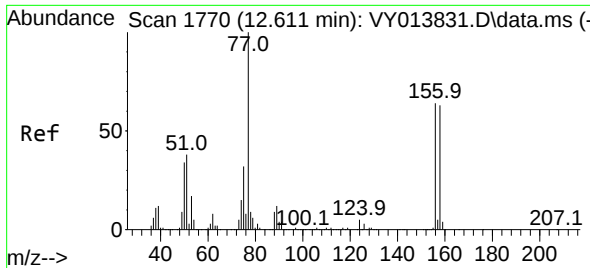
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 54.701 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

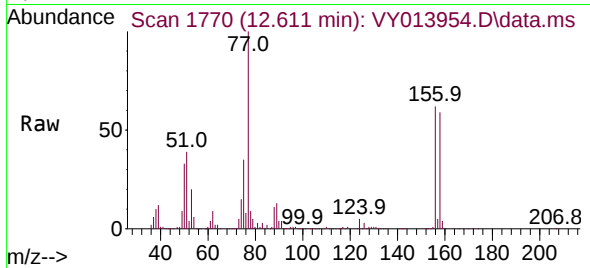
Tgt Ion: 75 Resp: 118763
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.921 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

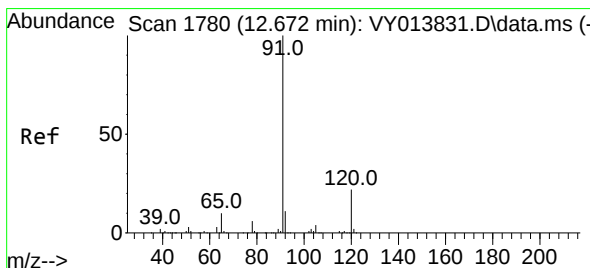
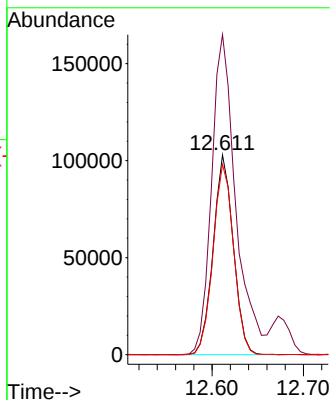
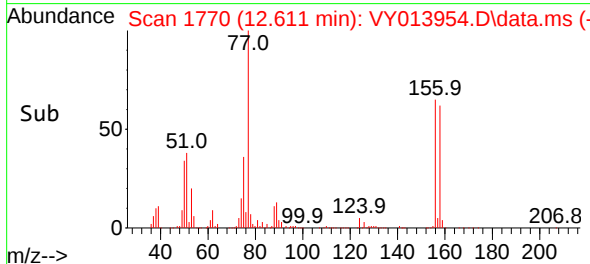
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



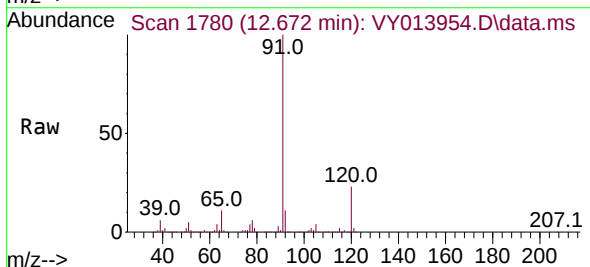
Tgt Ion: 156 Resp: 157779
Ion Ratio Lower Upper
156 100
77 190.2 91.6 274.8
158 97.4 48.9 146.6

Manual Integrations
APPROVED

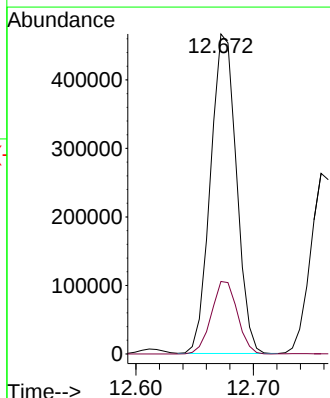
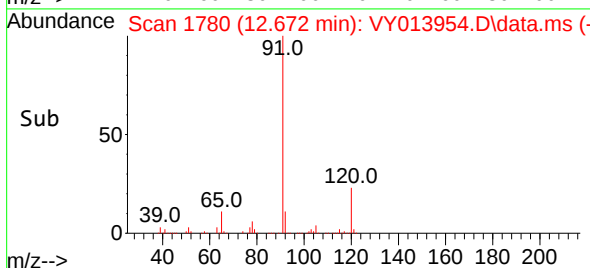
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

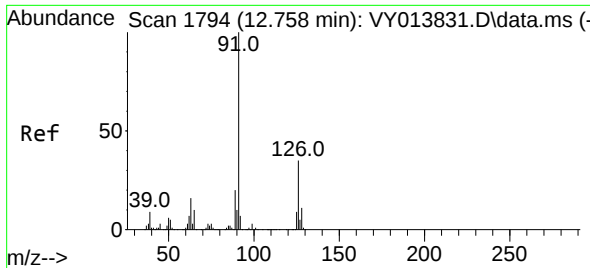


#78
n-propylbenzene
Concen: 42.273 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion: 91 Resp: 715705
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





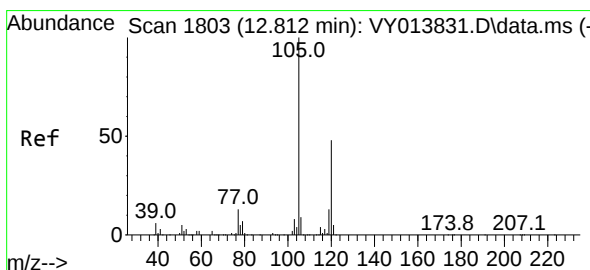
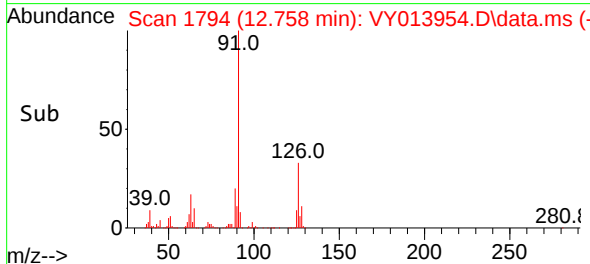
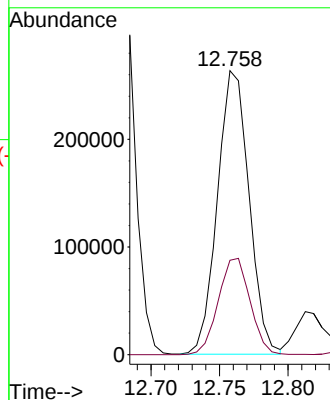
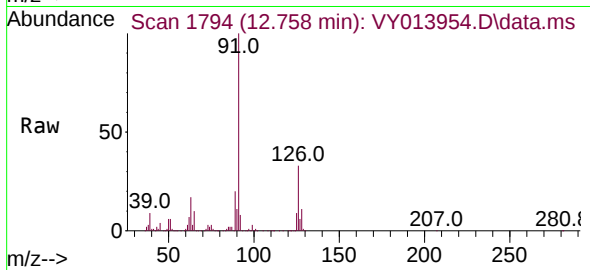
#79
2-Chlorotoluene
Concen: 44.744 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 423144
Ion Ratio Lower Upper
91 100
126 34.2 17.8 53.4

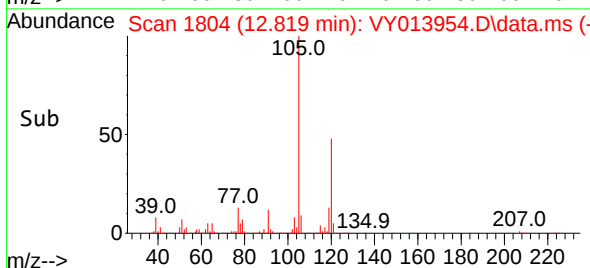
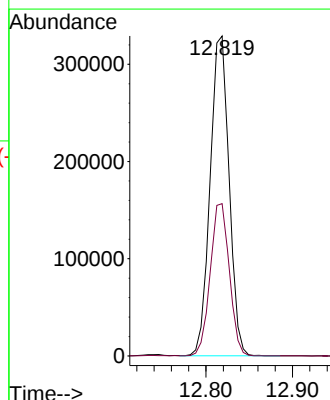
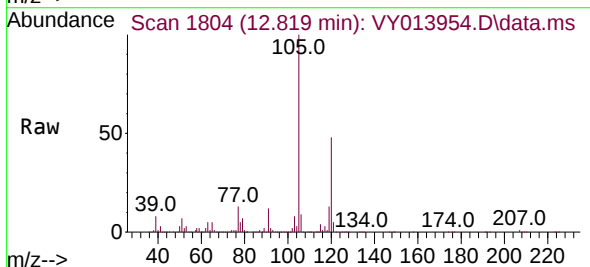
Manual Integrations
APPROVED

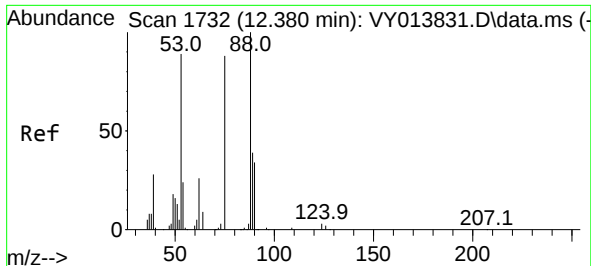
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.164 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

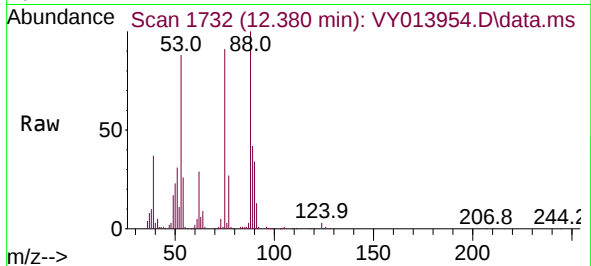
Tgt Ion:105 Resp: 499600
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 57.360 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

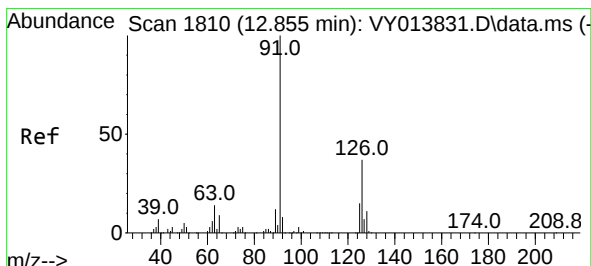
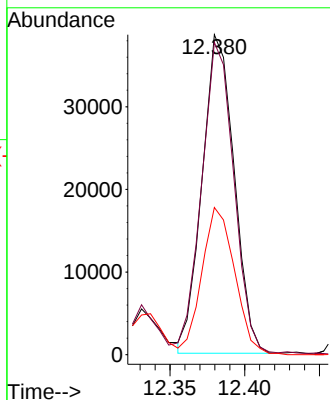
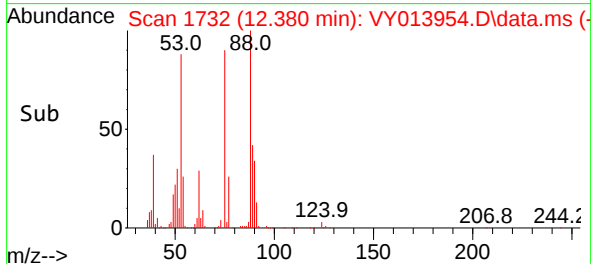
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 57372
Ion Ratio Lower Upper
75 100
53 100.3 79.7 119.5
89 47.5 36.4 54.6

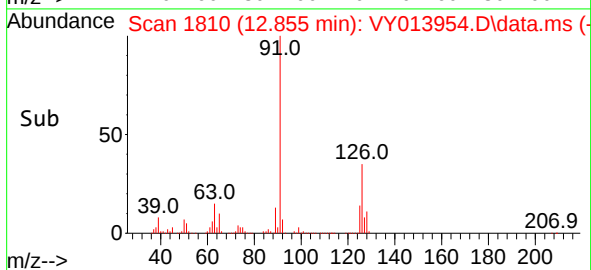
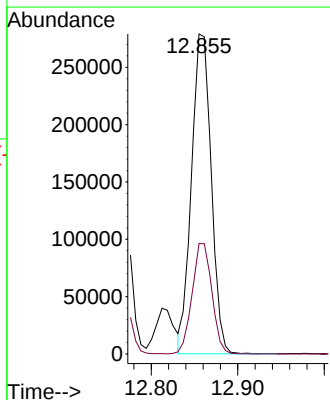
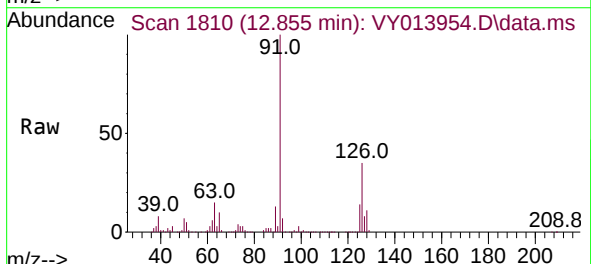
Manual Integrations
APPROVED

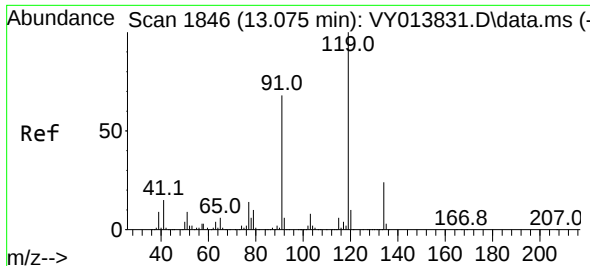
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 45.198 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

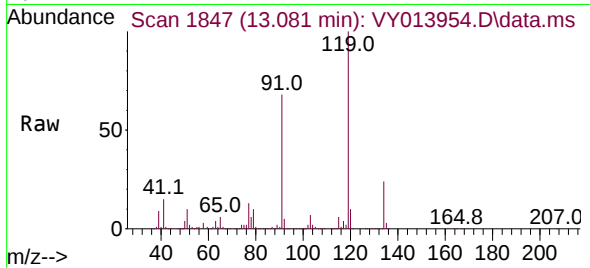
Tgt Ion: 91 Resp: 441795
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.7





#83
tert-Butylbenzene
Concen: 43.315 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

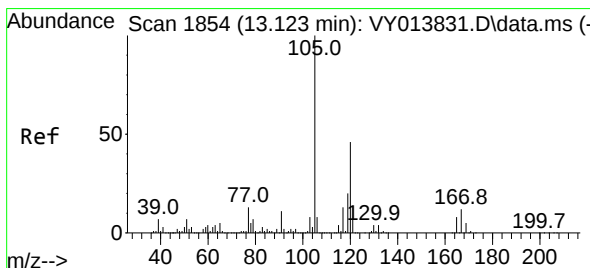
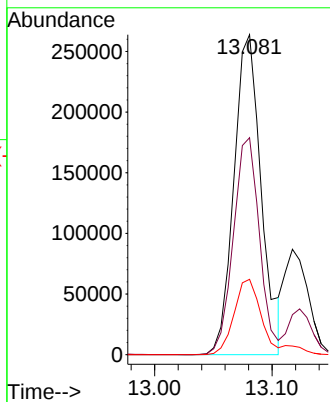
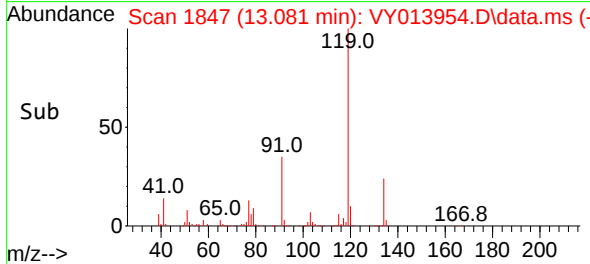
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 426772
Ion Ratio Lower Upper
119 100
91 65.1 33.7 101.0
134 25.1 13.1 39.1

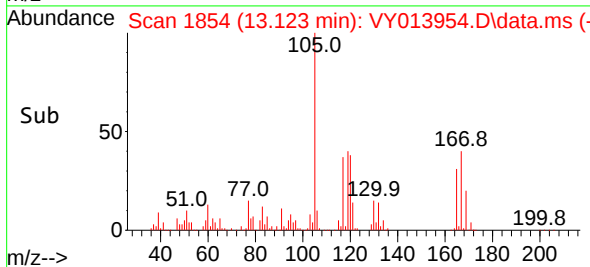
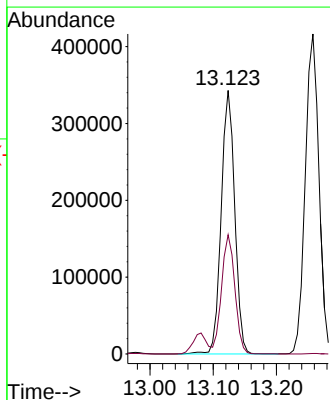
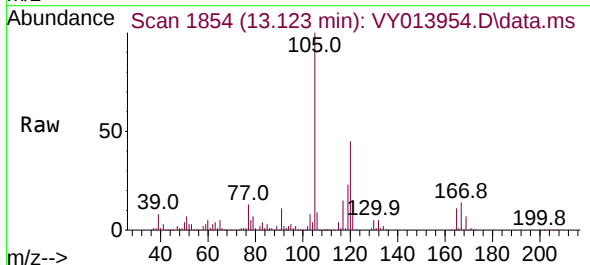
Manual Integrations
APPROVED

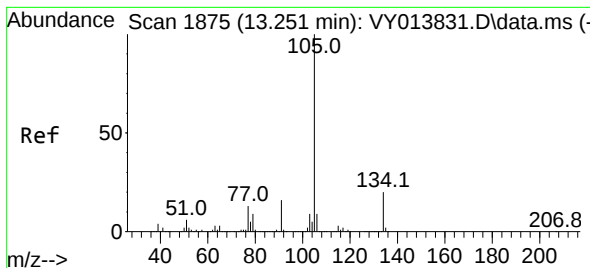
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 45.643 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

Tgt Ion:105 Resp: 506838
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 42.490 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 62187

Ion Ratio Lower Upper

105 100

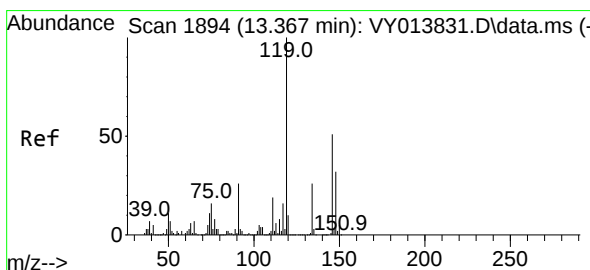
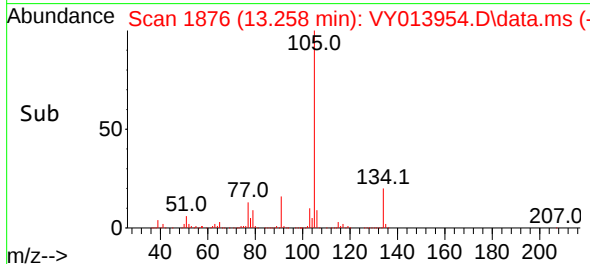
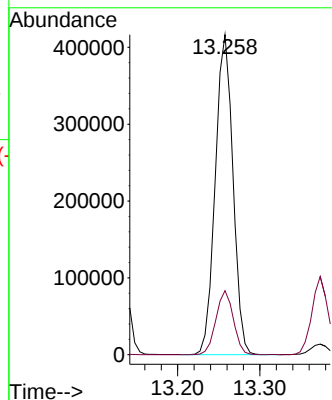
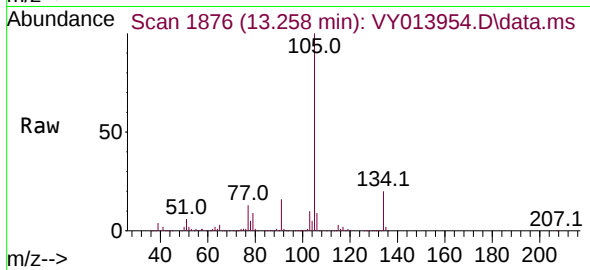
134 19.7 10.3 30.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#86

p-Isopropyltoluene

Concen: 43.060 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

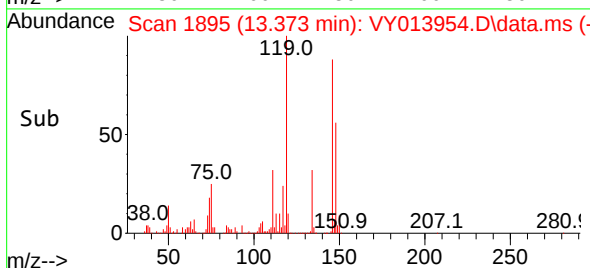
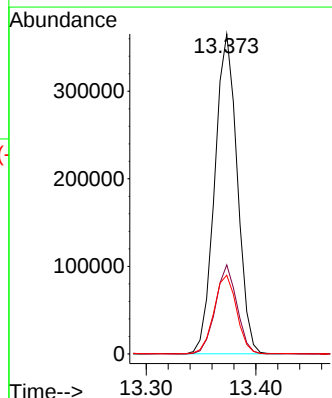
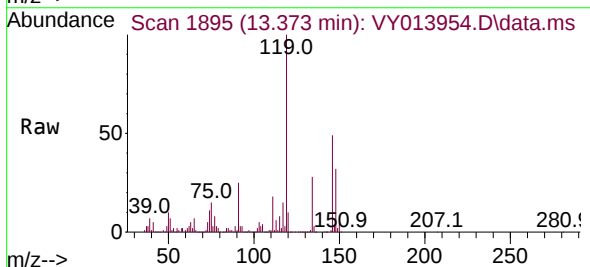
Tgt Ion:119 Resp: 520883

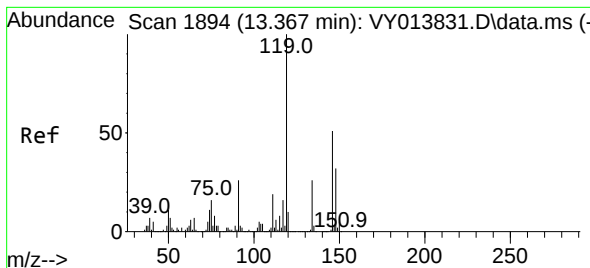
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.083 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 299299

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

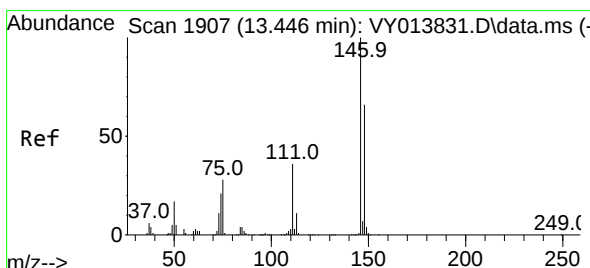
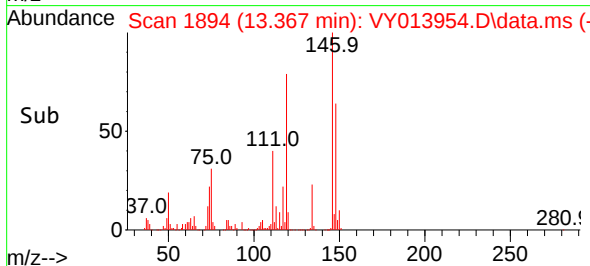
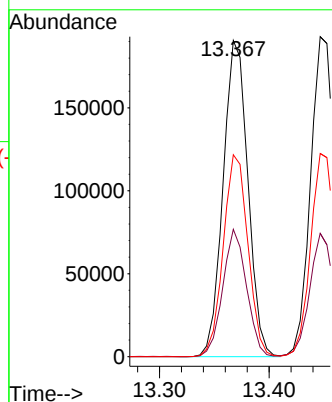
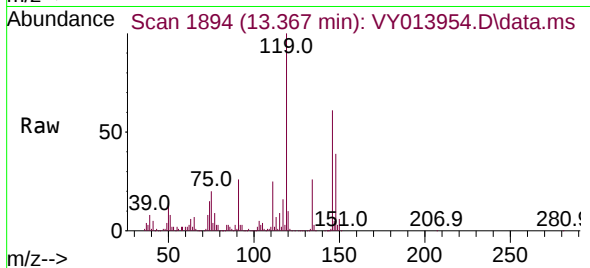
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#88

1,4-Dichlorobenzene

Concen: 46.549 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

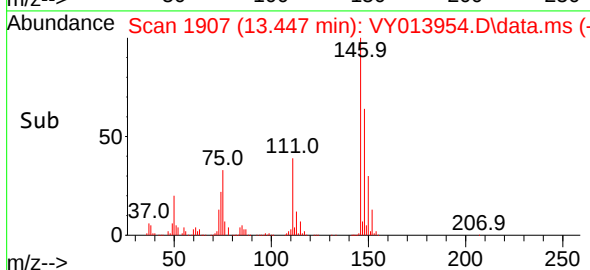
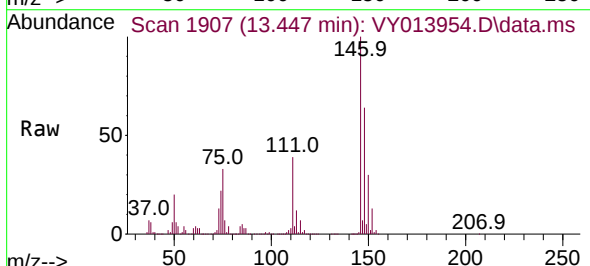
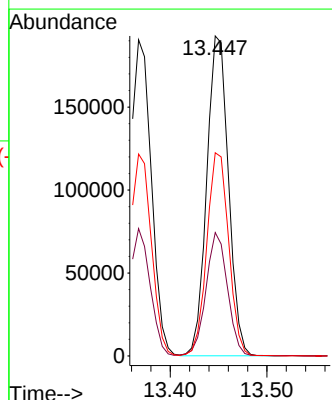
Tgt Ion:146 Resp: 300988

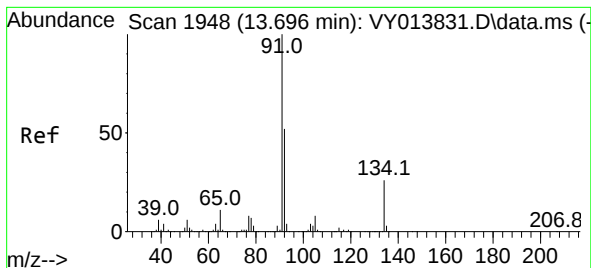
Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 42.248 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

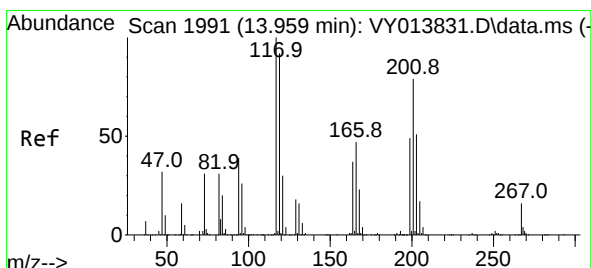
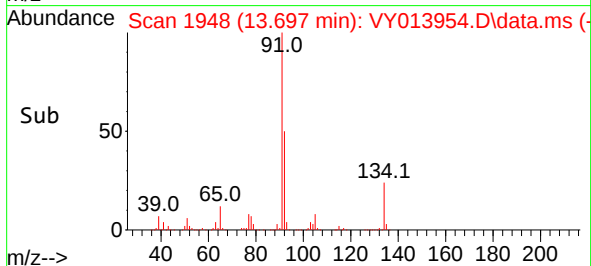
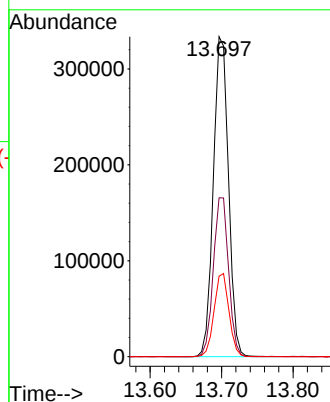
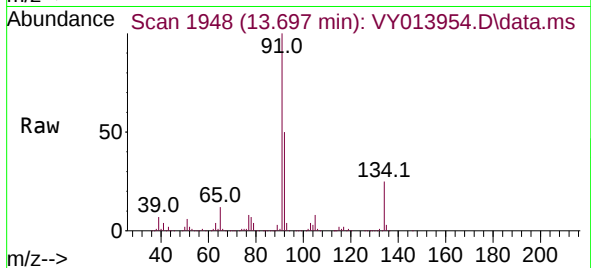
Tgt Ion: 91	Resp: 49009
Ion Ratio	Lower Upper
91	100
92	50.2 25.6 76.6
134	25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 42.156 ug/l

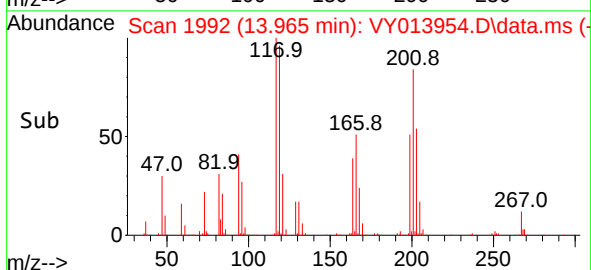
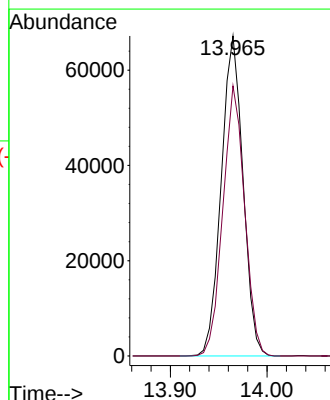
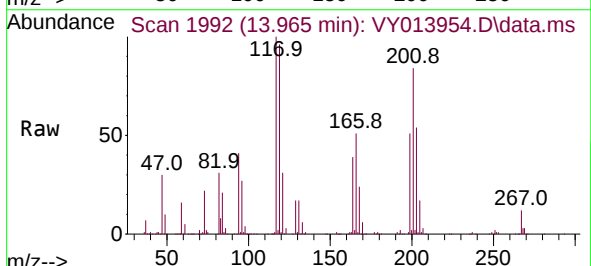
RT: 13.965 min Scan# 1992

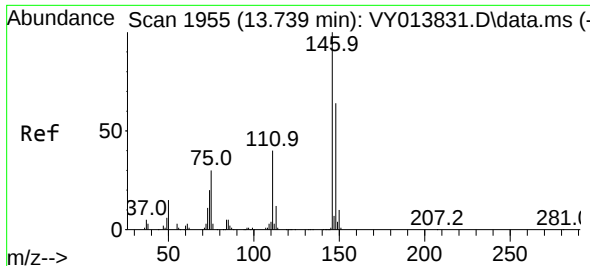
Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

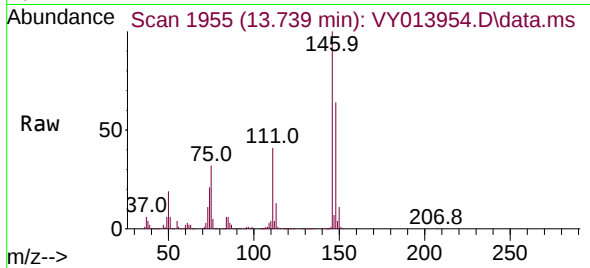
Tgt Ion:117	Resp: 104702
Ion Ratio	Lower Upper
117	100
201	84.2 42.3 126.8





#91
1,2-Dichlorobenzene
Concen: 48.082 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25

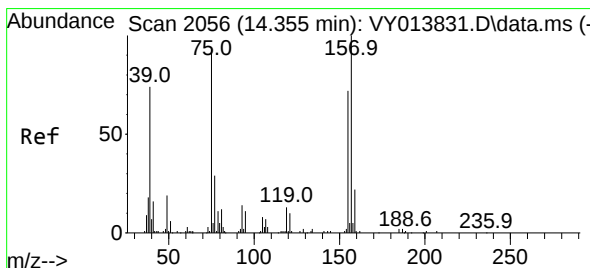
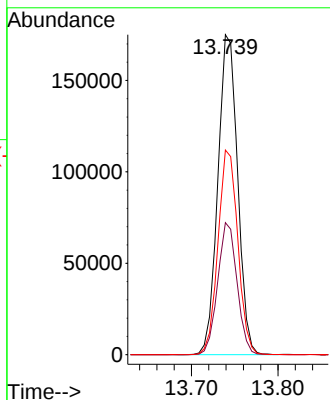
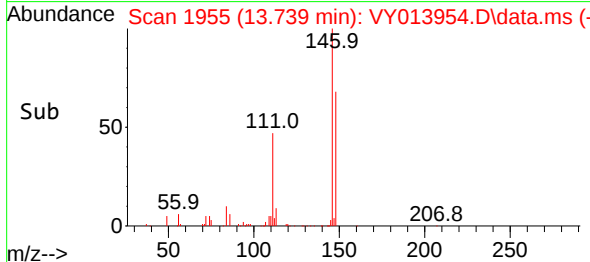
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



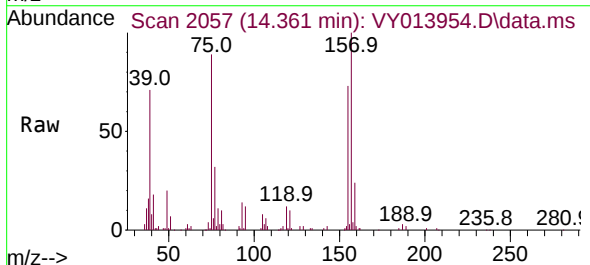
Tgt Ion:146 Resp: 27753
Ion Ratio Lower Upper
146 100
111 40.5 19.6 58.8
148 64.0 32.1 96.5

Manual Integrations
APPROVED

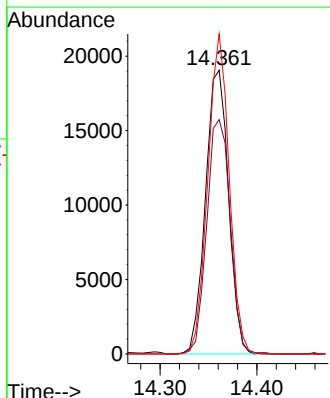
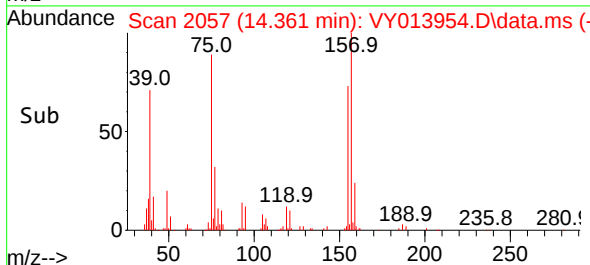
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

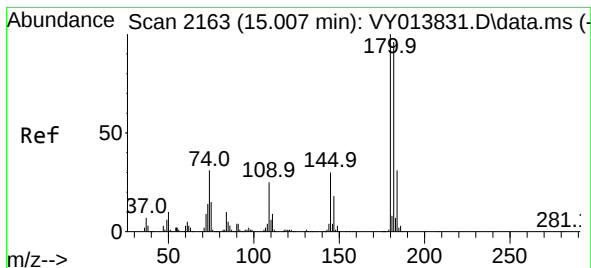


#92
1,2-Dibromo-3-Chloropropane
Concen: 63.643 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013954.D
Acq: 31 May 2023 22:25



Tgt Ion: 75 Resp: 31633
Ion Ratio Lower Upper
75 100
155 83.5 39.9 119.6
157 104.6 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 47.775 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013954.D

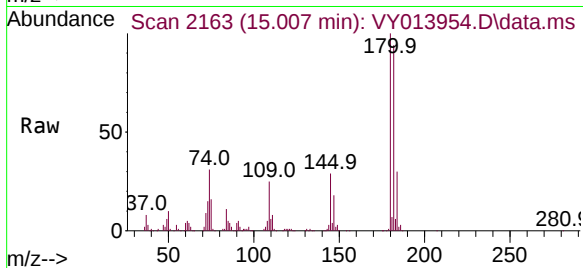
Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



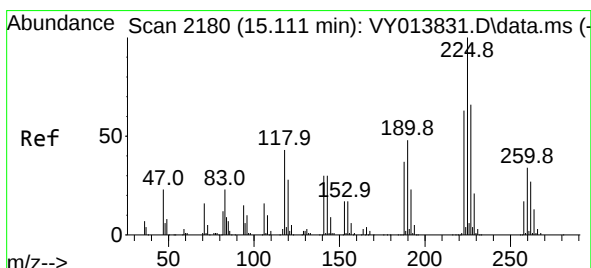
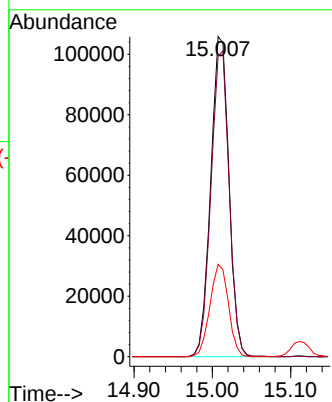
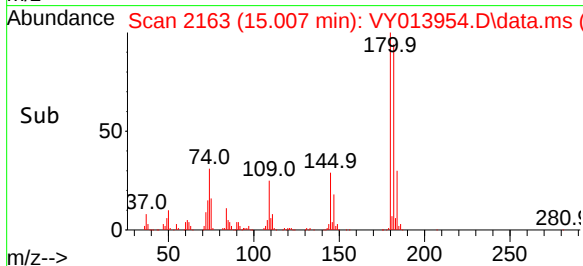
Tgt Ion:	180	Resp:	170952
Ion Ratio	100	Lower	Upper
180	100		
182	95.4	48.1	144.3
145	29.2	14.8	44.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#94

Hexachlorobutadiene

Concen: 40.423 ug/l

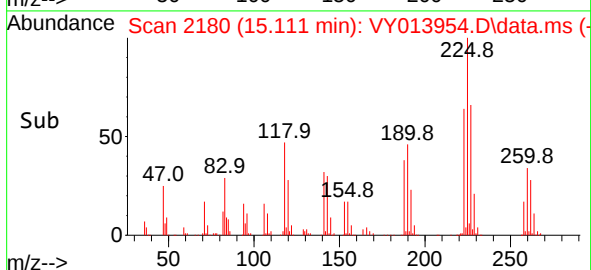
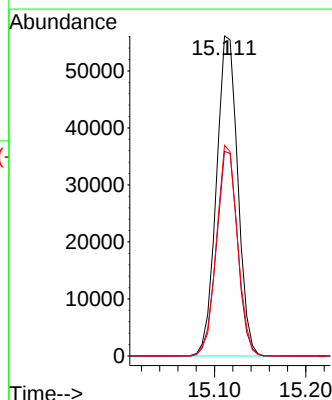
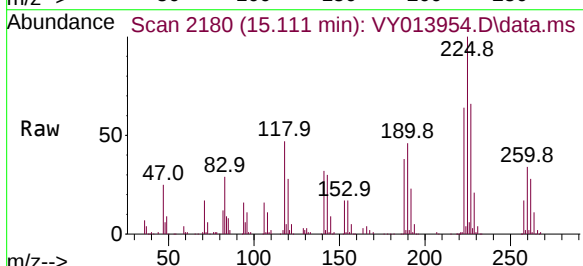
RT: 15.111 min Scan# 2180

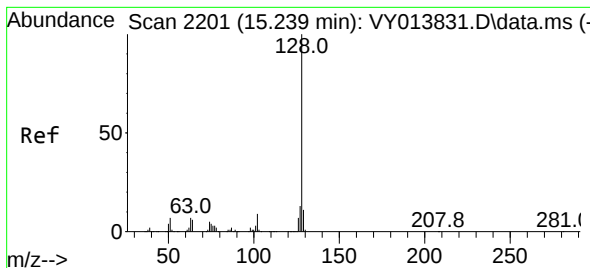
Delta R.T. 0.000 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Tgt Ion:	225	Resp:	91200
Ion Ratio	100	Lower	Upper
225	100		
223	63.3	31.3	93.9
227	64.6	32.9	98.6





#95

Naphthalene

Concen: 51.935 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013954.D

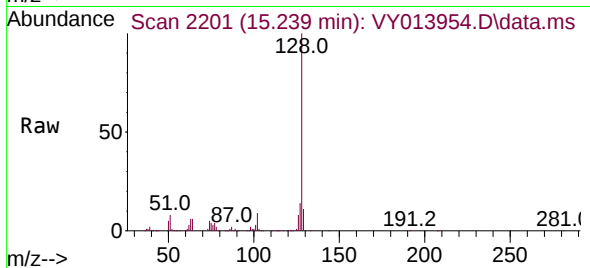
Acq: 31 May 2023 22:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 409649

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

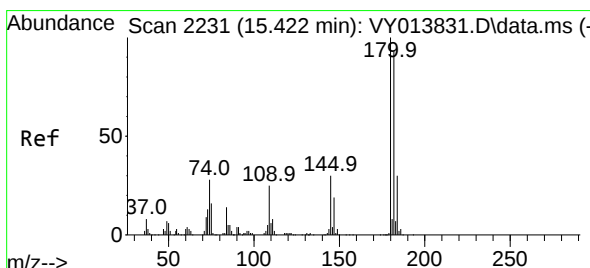
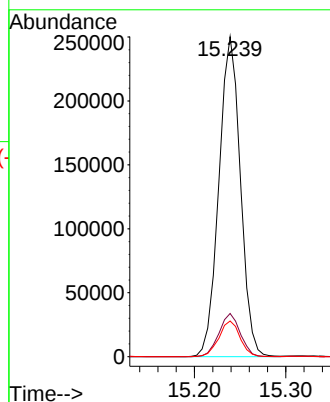
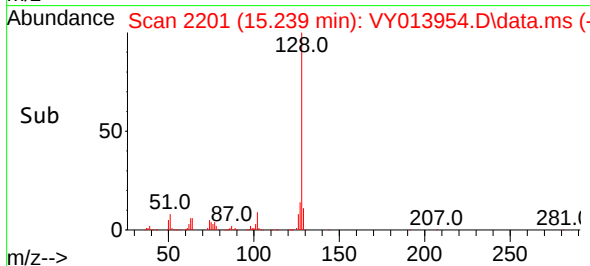
129 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.982 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013954.D

Acq: 31 May 2023 22:25

Tgt Ion:180 Resp: 159048

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 30.9 15.5 46.5

