

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013791.D
 Acq On : 18 May 2023 10:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

Quant Time: May 19 03:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	264861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	361220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150449	48.898	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.800%		
35) Dibromofluoromethane	7.722	113	132519	50.464	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.920%		
50) Toluene-d8	10.179	98	507682	50.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.483	95	163307	49.385	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	97758	51.407	ug/l	100
3) Chloromethane	2.119	50	133175	46.193	ug/l	100
4) Vinyl Chloride	2.259	62	136959	47.575	ug/l	97
5) Bromomethane	2.662	94	103879	40.692	ug/l	99
6) Chloroethane	2.802	64	88767	44.859	ug/l	97
7) Trichlorofluoromethane	3.137	101	221566	52.881	ug/l	98
8) Diethyl Ether	3.533	74	68154	48.612	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	125138	51.032	ug/l	99
10) Methyl Iodide	4.100	142	140166	52.027	ug/l	96
11) Tert butyl alcohol	4.984	59	64183	257.502	ug/l	99
12) 1,1-Dichloroethene	3.881	96	113908	51.248	ug/l	93
13) Acrolein	3.741	56	93489	209.957	ug/l	100
14) Allyl chloride	4.491	41	222170	50.742	ug/l	98
15) Acrylonitrile	5.173	53	184140	223.965	ug/l	99
16) Acetone	3.960	43	225045	242.431	ug/l	99
17) Carbon Disulfide	4.204	76	312449	48.921	ug/l	100
18) Methyl Acetate	4.484	43	143424	44.317	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	327979	48.637	ug/l	99
20) Methylene Chloride	4.722	84	148719	53.581	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	124200	49.625	ug/l	99
22) Diisopropyl ether	6.124	45	462133	49.620	ug/l	95
23) Vinyl Acetate	6.070	43	1306032	242.336	ug/l	100
24) 1,1-Dichloroethane	6.027	63	251637	49.425	ug/l	100
25) 2-Butanone	6.996	43	274306	227.315	ug/l	98
26) 2,2-Dichloropropane	6.990	77	225551	51.864	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	147487	50.012	ug/l	97
28) Bromochloromethane	7.338	49	75565	42.419	ug/l	99
29) Tetrahydrofuran	7.356	42	158675	219.760	ug/l	99
30) Chloroform	7.508	83	254537	49.613	ug/l	99
31) Cyclohexane	7.789	56	204787	46.422	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	226668	51.758	ug/l	99
36) 1,1-Dichloropropene	7.923	75	184665	50.895	ug/l	100
37) Ethyl Acetate	7.075	43	112070	44.903	ug/l	98
38) Carbon Tetrachloride	7.905	117	204317	53.379	ug/l	95
39) Methylcyclohexane	9.185	83	206711	50.125	ug/l	99
40) Benzene	8.161	78	531274	50.387	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	59528	47.996	ug/l	86
42) 1,2-Dichloroethane	8.240	62	173878	51.039	ug/l	99
43) Isopropyl Acetate	8.276	43	209662	46.283	ug/l	98
44) Trichloroethene	8.941	130	139251	50.521	ug/l	95
45) 1,2-Dichloropropane	9.221	63	142992	49.352	ug/l	98
46) Dibromomethane	9.307	93	77822	47.958	ug/l	99
47) Bromodichloromethane	9.502	83	196250	51.068	ug/l	95
48) Methyl methacrylate	9.295	41	96535	46.392	ug/l	98
49) 1,4-Dioxane	9.307	88	18195	913.603	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	574700	227.819	ug/l	99
52) Toluene	10.246	92	326234	51.037	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	196503	49.594	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	218676	49.465	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	106376	48.199	ug/l	97
56) Ethyl methacrylate	10.514	69	145518	49.407	ug/l	99
57) 1,3-Dichloropropane	10.794	76	183375	48.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	219869	206.048	ug/l	97
59) 2-Hexanone	10.831	43	415513	231.726	ug/l	100
60) Dibromochloromethane	10.989	129	133895	50.068	ug/l	99
61) 1,2-Dibromoethane	11.093	107	100166	48.130	ug/l	100
64) Tetrachloroethene	10.721	164	114220	49.846	ug/l	99
65) Chlorobenzene	11.520	112	346600	50.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	137186	51.640	ug/l	99
67) Ethyl Benzene	11.593	91	639155	52.608	ug/l	99
68) m/p-Xylenes	11.703	106	479331	105.336	ug/l	100
69) o-Xylene	12.032	106	225983	52.205	ug/l	100
70) Styrene	12.044	104	384903	52.353	ug/l	99
71) Bromoform	12.215	173	87944	50.109	ug/l #	97
73) Isopropylbenzene	12.331	105	614875	53.307	ug/l	100
74) N-amyl acetate	12.148	43	181561	46.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	129667	47.454	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	89183m	43.249	ug/l	
77) Bromobenzene	12.611	156	144392	51.893	ug/l	96
78) n-propylbenzene	12.672	91	748866	52.704	ug/l	99
79) 2-Chlorotoluene	12.757	91	418779	52.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	505128	53.705	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44317	47.848	ug/l	97
82) 4-Chlorotoluene	12.861	91	430811	51.573	ug/l	99
83) tert-Butylbenzene	13.080	119	448921	54.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	490727	53.234	ug/l	100
85) sec-Butylbenzene	13.257	105	659018	53.327	ug/l	100
86) p-Isopropyltoluene	13.373	119	534960	53.608	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	279405	51.580	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	275195	50.524	ug/l	100
89) n-Butylbenzene	13.702	91	518185	52.964	ug/l	99
90) Hexachloroethane	13.964	117	106991	50.736	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	250327	51.896	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19624	44.323	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	150038	52.416	ug/l	100
94) Hexachlorobutadiene	15.117	225	93858	52.783	ug/l	99
95) Naphthalene	15.239	128	280161	49.314	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	129399	50.244	ug/l	100

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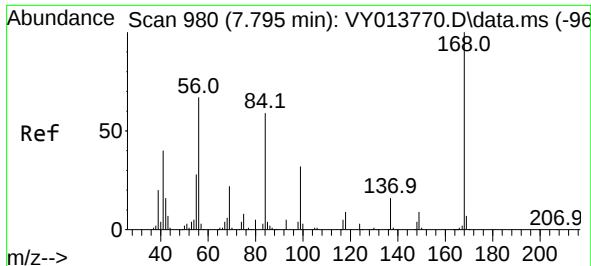
Manual Integrations
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Supervised By :Mahesh Dadoda 05/19/2023

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Response via : Initial Calibration

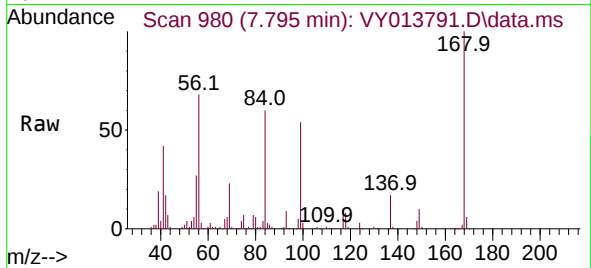
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
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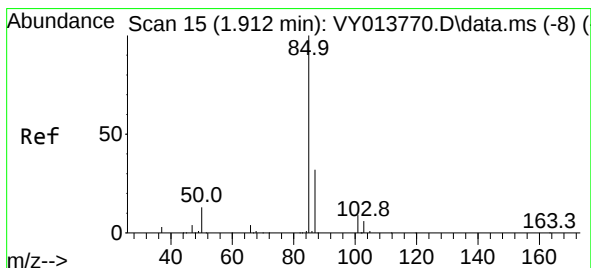
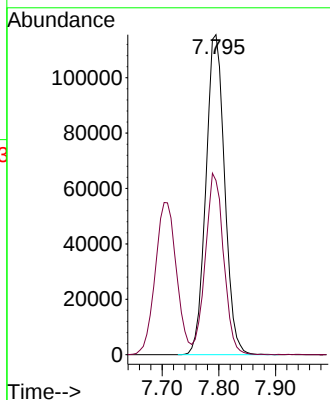
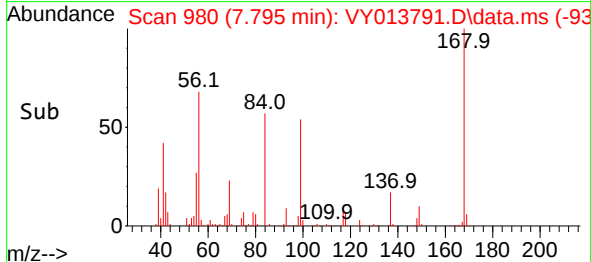
Instrument :
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Tgt Ion:168 Resp: 26486
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0

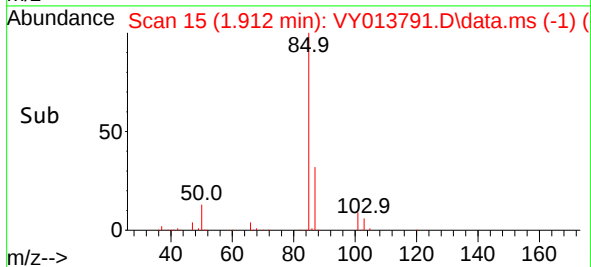
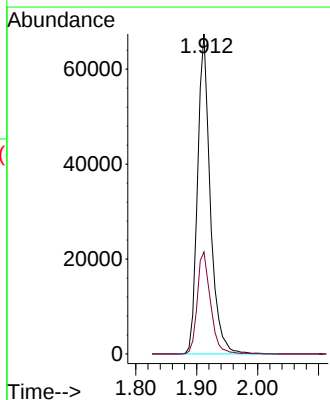
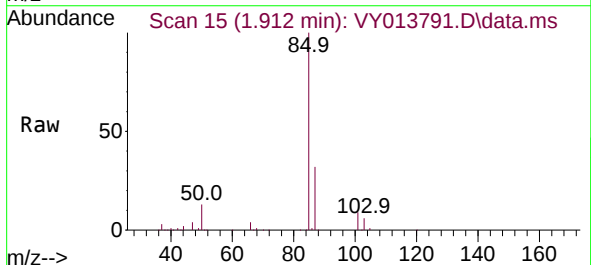
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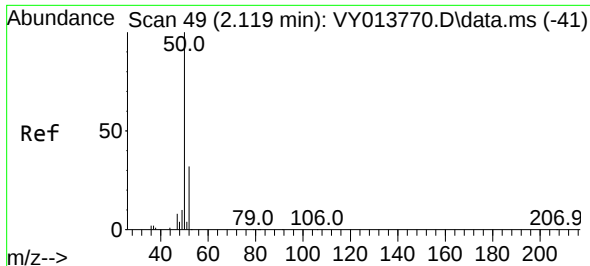
Reviewed By :Krupa Patel 05/19/2023
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#2
Dichlorodifluoromethane
Concen: 51.407 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

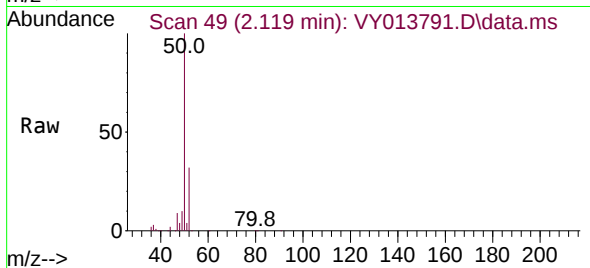
Tgt Ion: 85 Resp: 97758
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2





#3
Chloromethane
Concen: 46.193 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

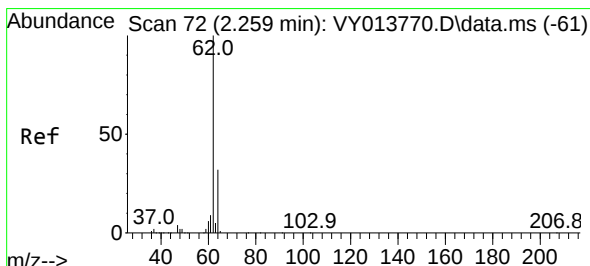
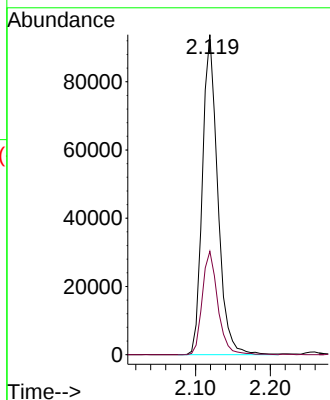
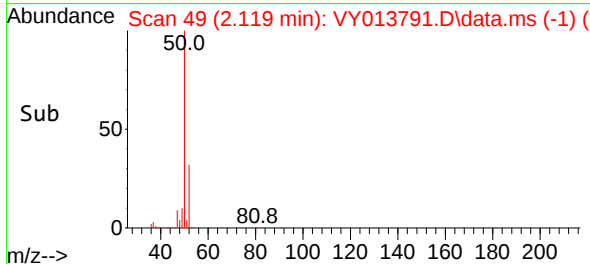
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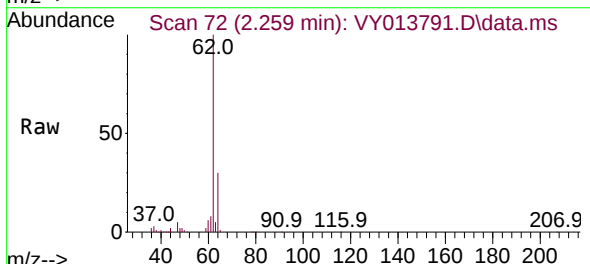
Tgt Ion: 50 Resp: 13317
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0

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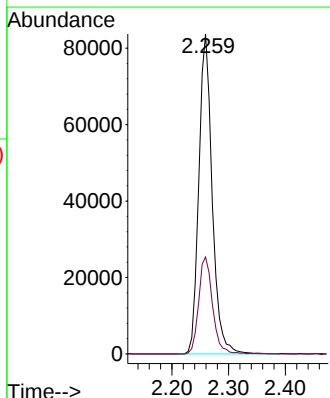
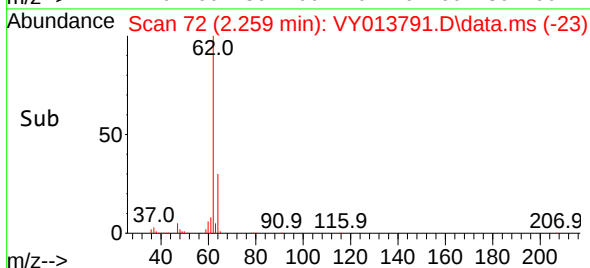
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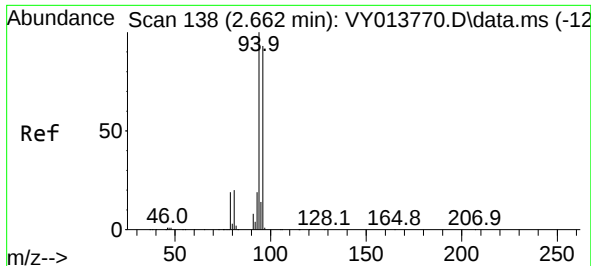


#4
Vinyl Chloride
Concen: 47.575 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



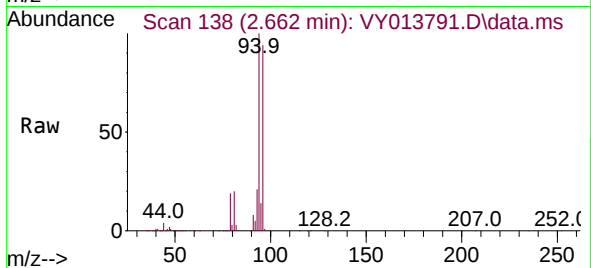
Tgt Ion: 62 Resp: 136959
Ion Ratio Lower Upper
62 100
64 30.3 25.8 38.6





#5
Bromomethane
Concen: 40.692 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

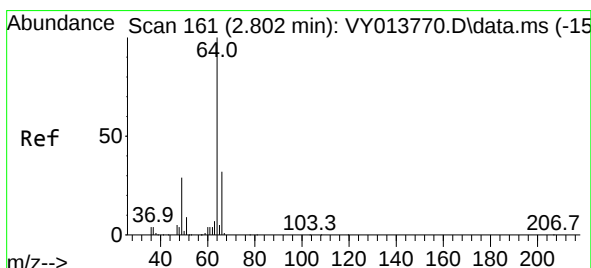
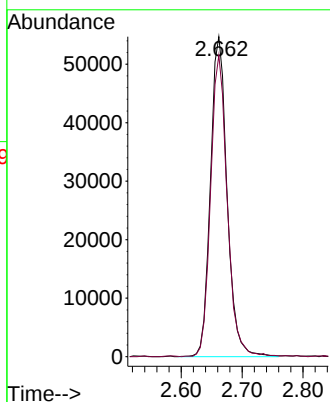
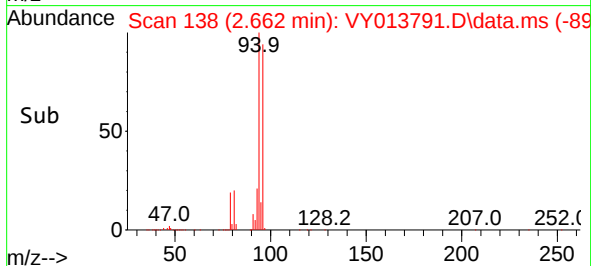
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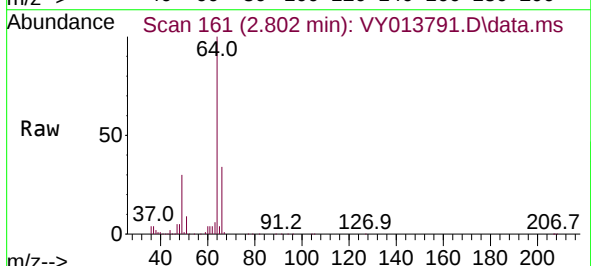
Tgt Ion: 94 Resp: 103879
Ion Ratio Lower Upper
94 100
96 94.1 74.2 111.4

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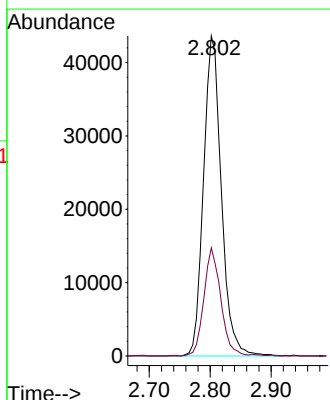
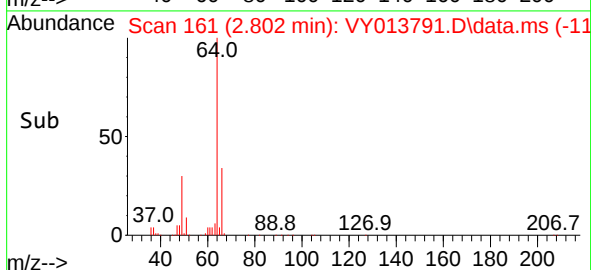
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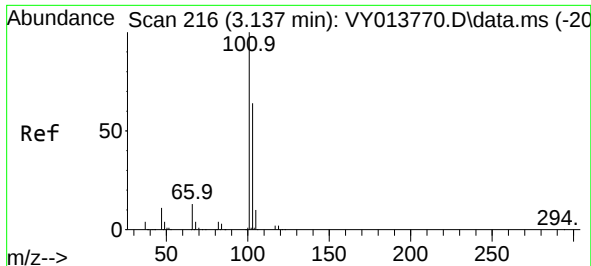


#6
Chloroethane
Concen: 44.859 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
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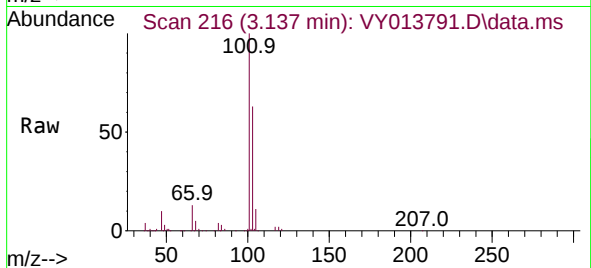
Tgt Ion: 64 Resp: 88767
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6





#7
Trichlorofluoromethane
Concen: 52.881 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY013791.D
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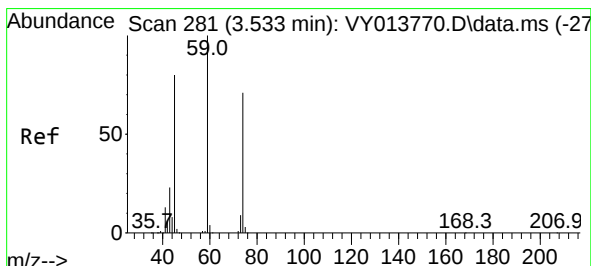
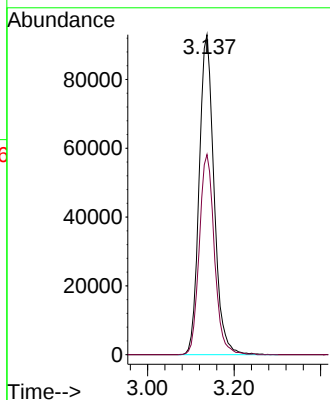
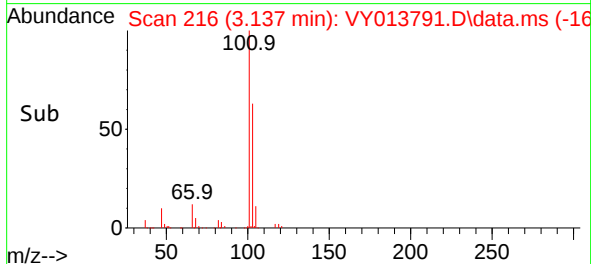
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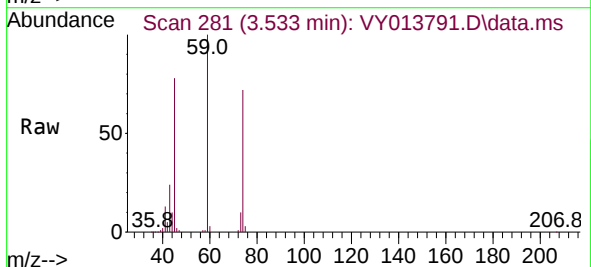
Tgt Ion:101 Resp: 221560
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.0

Manual Integrations
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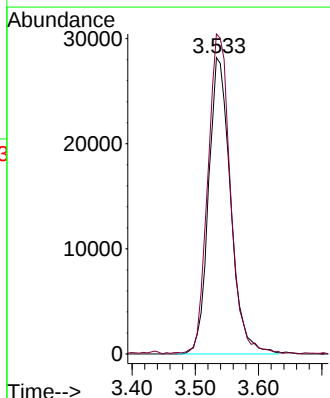
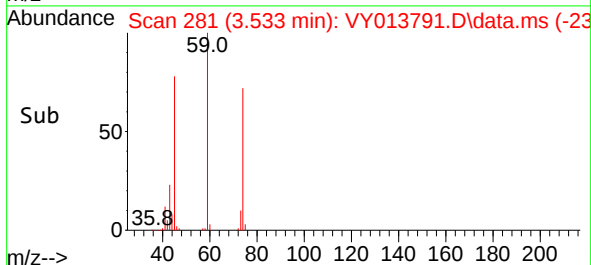
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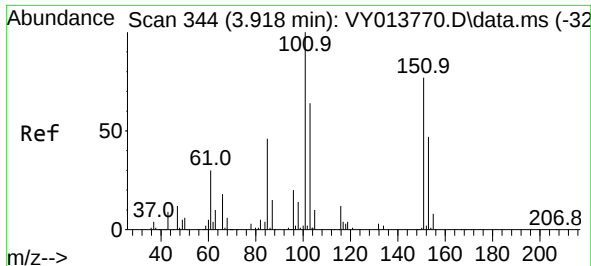


#8
Diethyl Ether
Concen: 48.612 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY013791.D
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Tgt Ion: 74 Resp: 68154
Ion Ratio Lower Upper
74 100
45 111.4 56.1 168.3





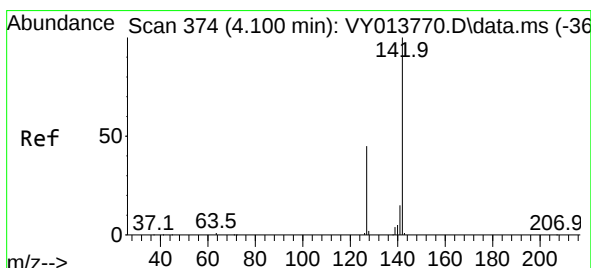
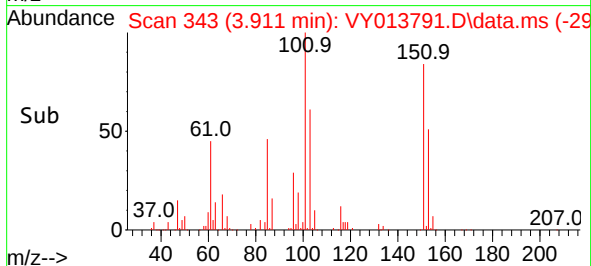
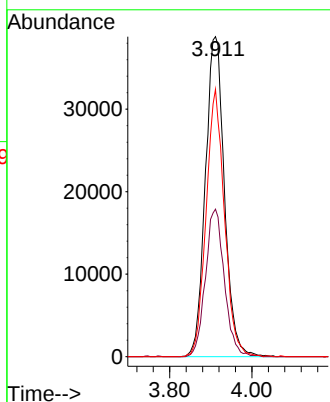
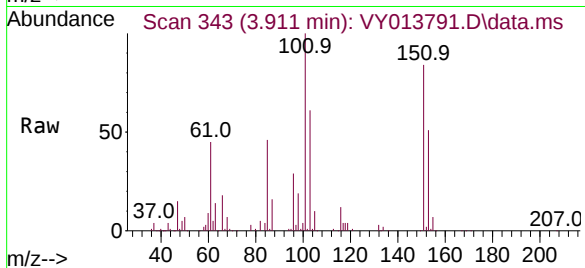
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.032 ug/l
RT: 3.911 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 125138
Ion Ratio Lower Upper
101 100
85 45.7 37.8 56.8
151 80.2 64.2 96.2

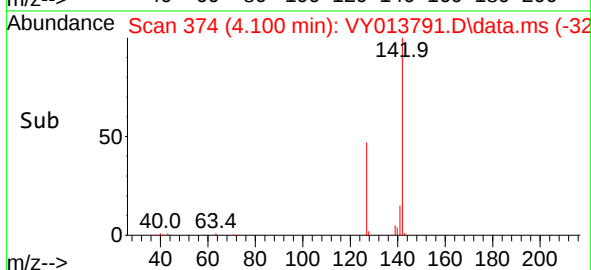
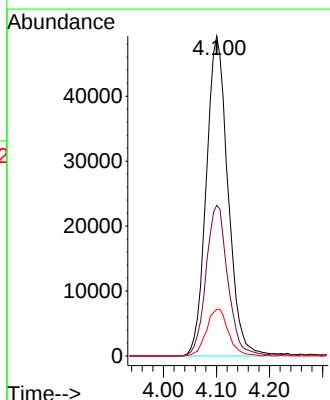
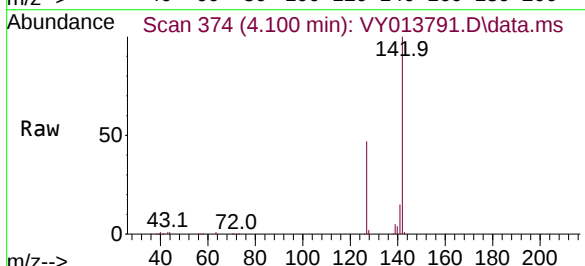
Manual Integrations
APPROVED

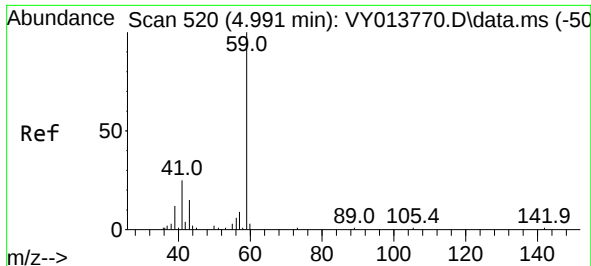
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 52.027 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion:142 Resp: 140166
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.2
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 257.502 ug/l

RT: 4.984 min Scan# 519

Delta R.T. -0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 6418

Ion Ratio Lower Upper

59 100

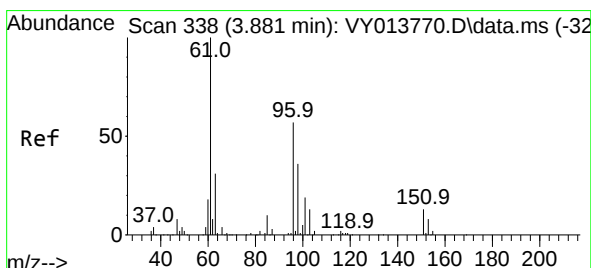
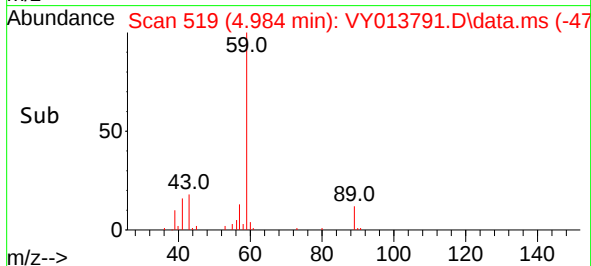
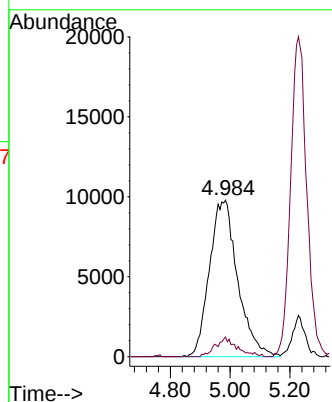
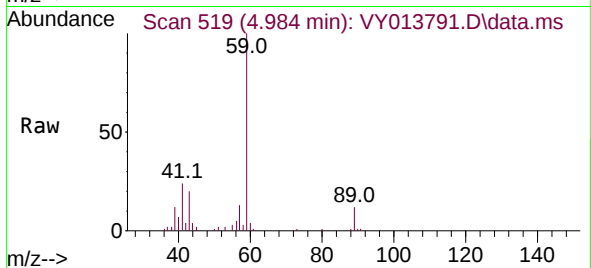
57 9.5 8.0 12.0

Manual Integrations

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Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#12

1,1-Dichloroethene

Concen: 51.248 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

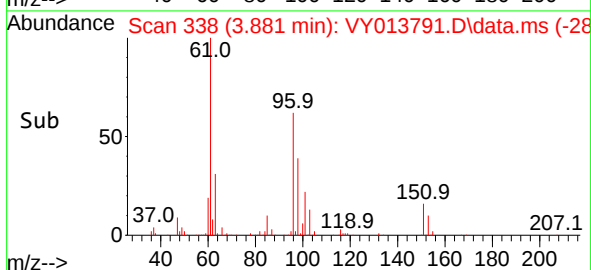
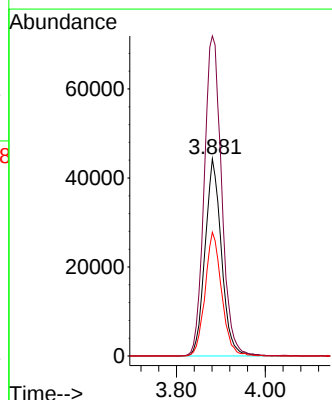
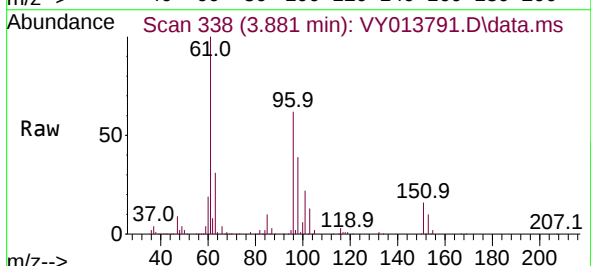
Tgt Ion: 96 Resp: 113908

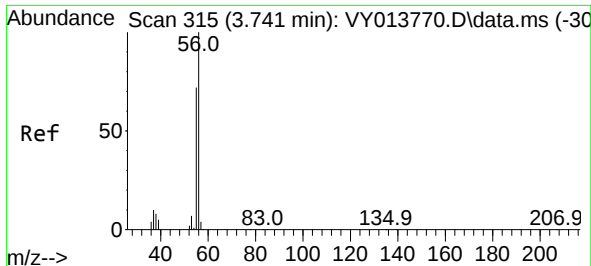
Ion Ratio Lower Upper

96 100

61 162.4 139.8 209.6

98 62.8 49.7 74.5





#13

Acrolein

Concen: 209.957 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 93489

Ion Ratio Lower Upper

56 100

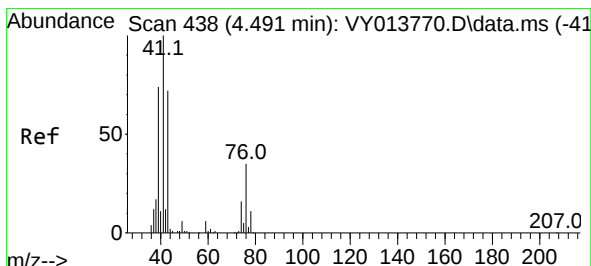
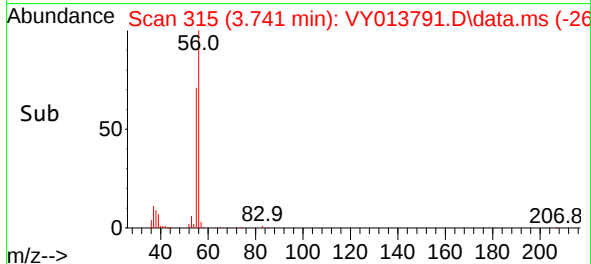
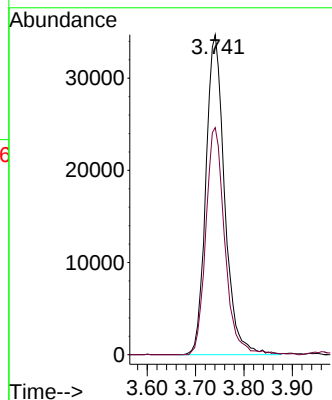
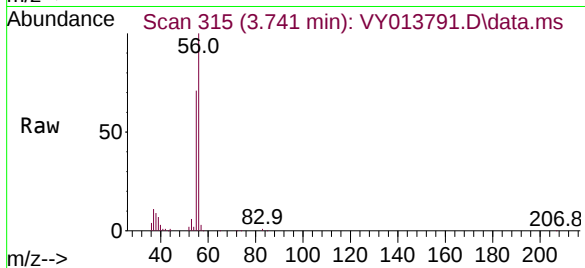
55 71.8 57.5 86.3

Manual Integrations

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Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#14

Allyl chloride

Concen: 50.742 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

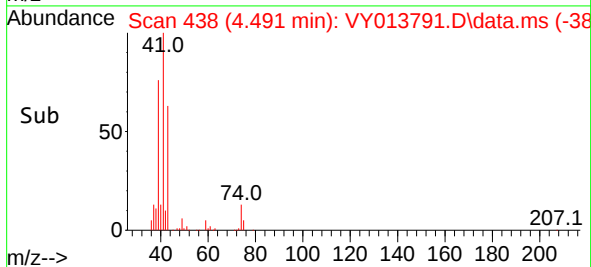
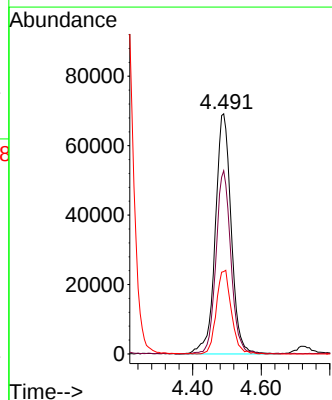
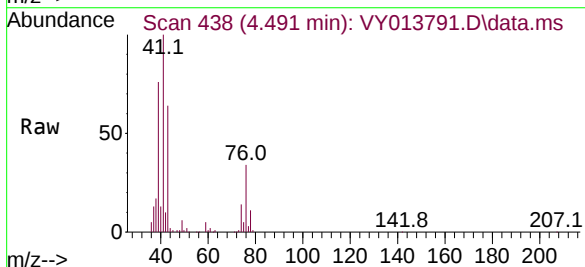
Tgt Ion: 41 Resp: 222170

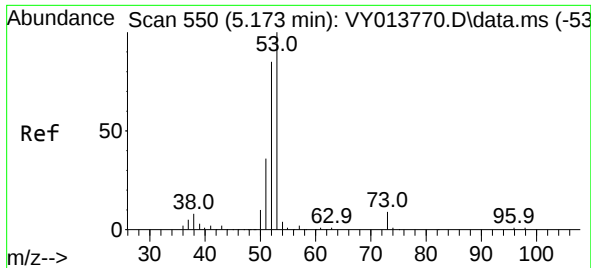
Ion Ratio Lower Upper

41 100

39 71.7 55.8 83.6

76 32.9 26.2 39.2





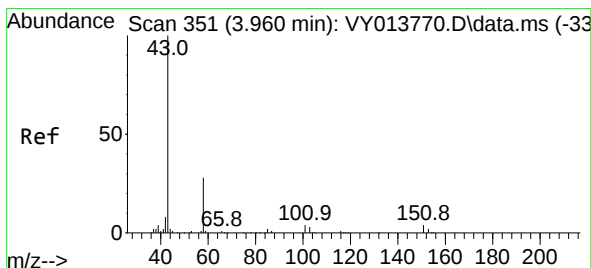
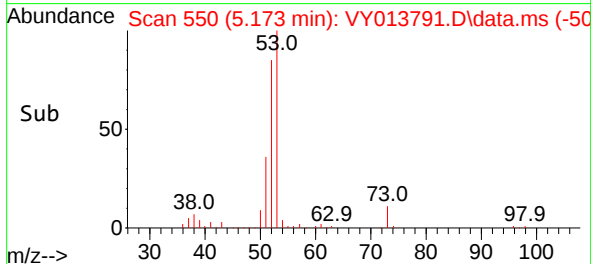
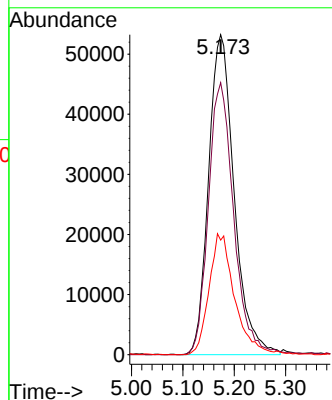
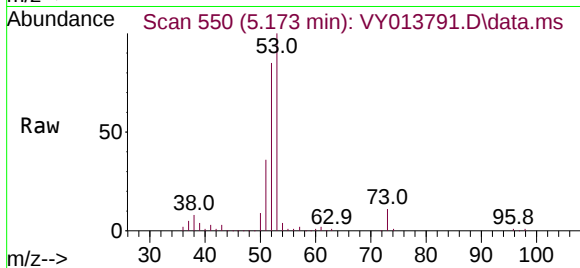
#15
Acrylonitrile
Concen: 223.965 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 184140
Ion Ratio Lower Upper
53 100
52 84.5 66.5 99.7
51 38.0 30.1 45.1

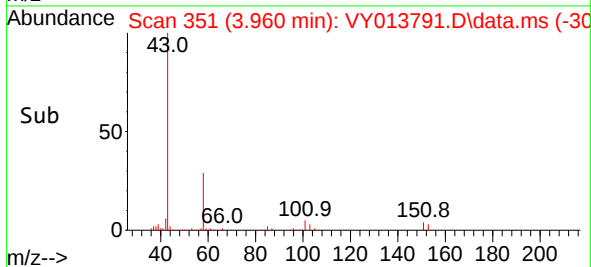
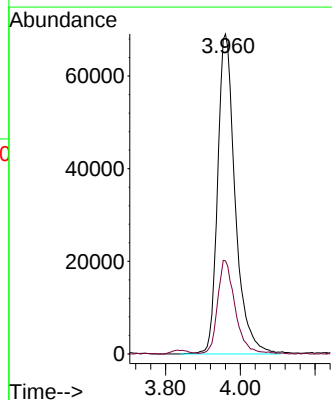
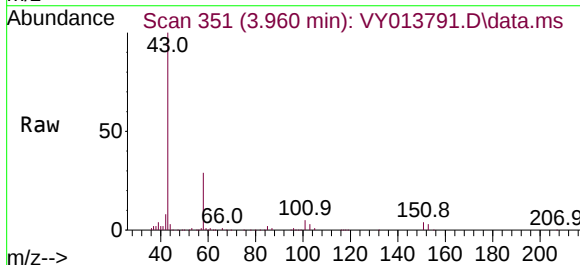
Manual Integrations
APPROVED

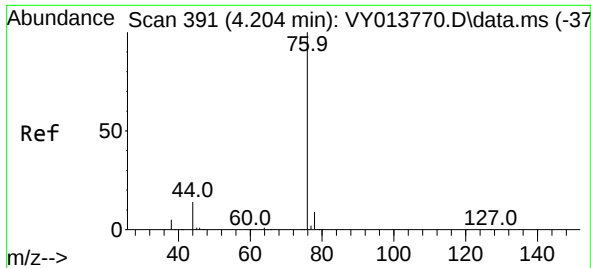
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#16
Acetone
Concen: 242.431 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

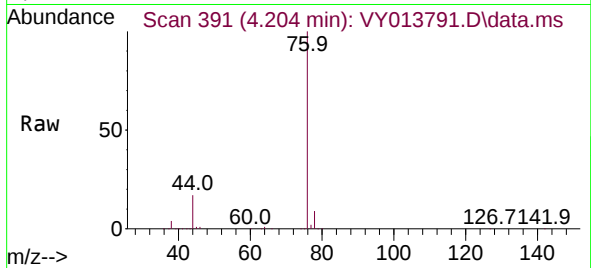
Tgt Ion: 43 Resp: 225045
Ion Ratio Lower Upper
43 100
58 28.9 23.7 35.5





#17
Carbon Disulfide
Concen: 48.921 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

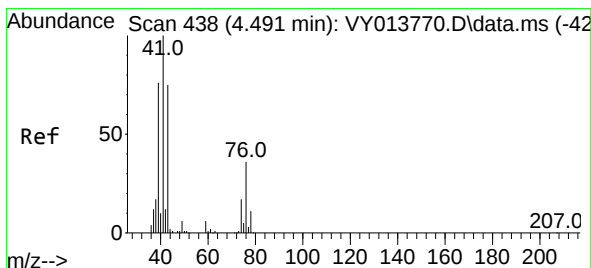
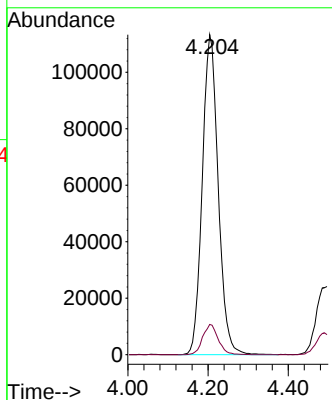
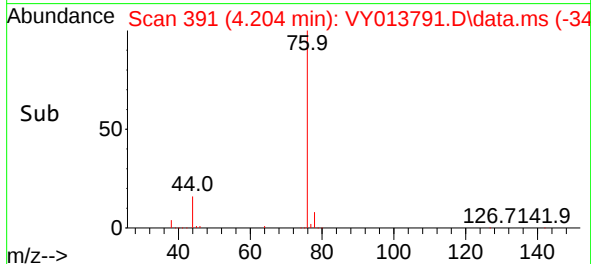
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



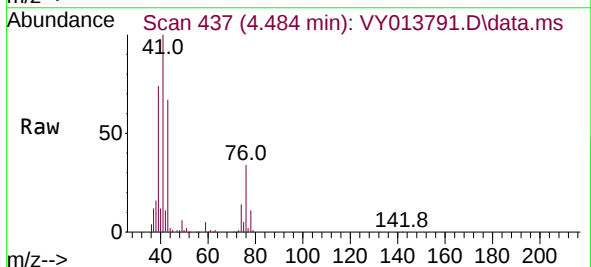
Tgt Ion: 76 Resp: 312449
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

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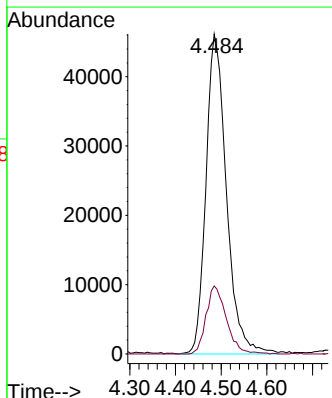
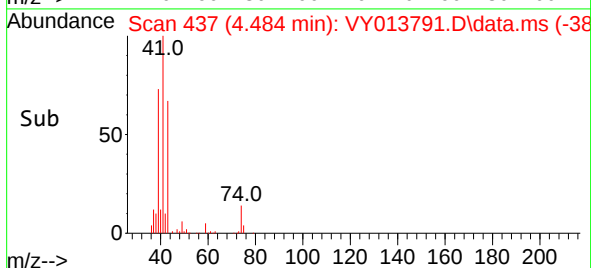
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

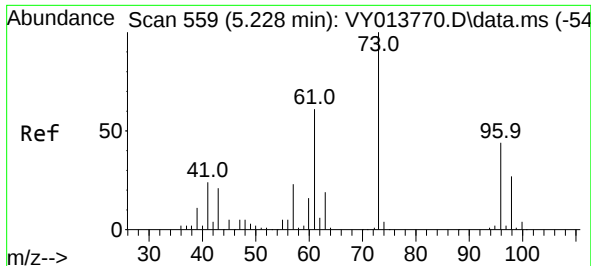


#18
Methyl Acetate
Concen: 44.317 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



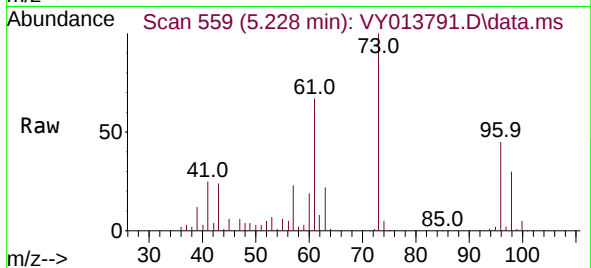
Tgt Ion: 43 Resp: 143424
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 48.637 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

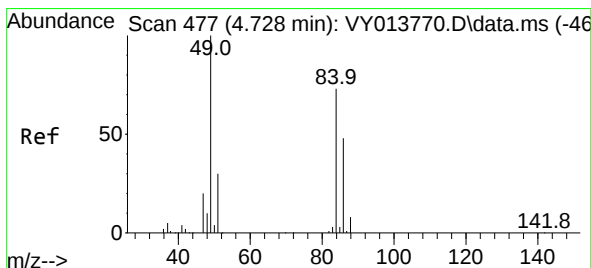
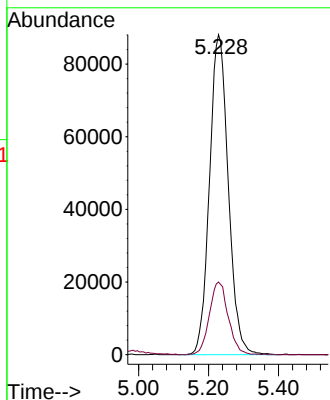
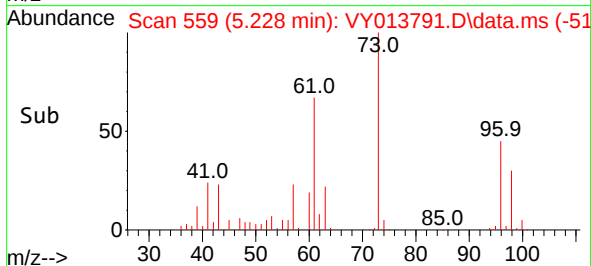
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



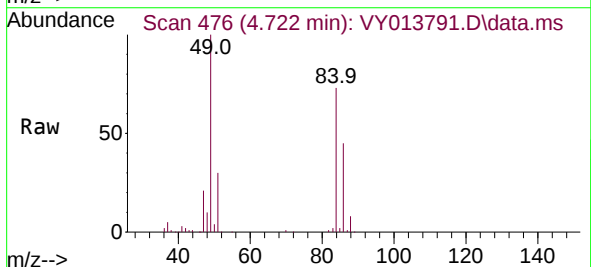
Tgt Ion: 73 Resp: 327979
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8

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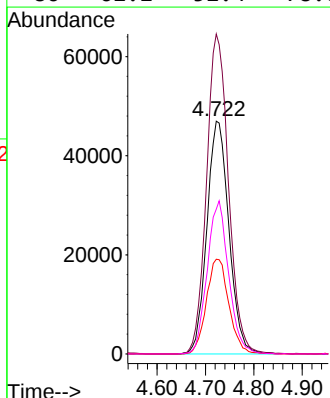
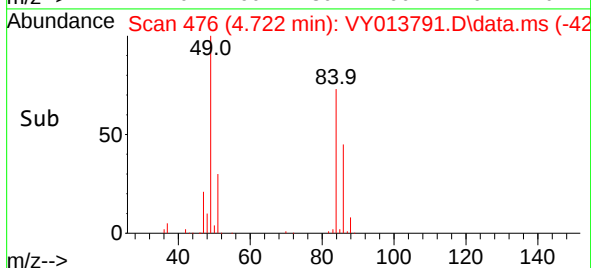
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

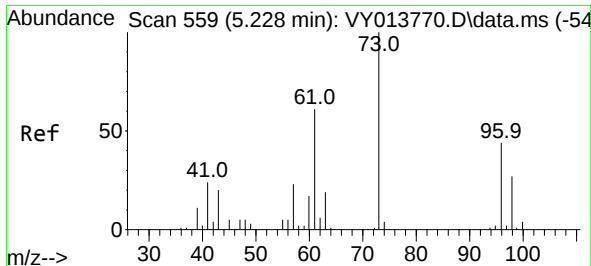


#20
Methylene Chloride
Concen: 53.581 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



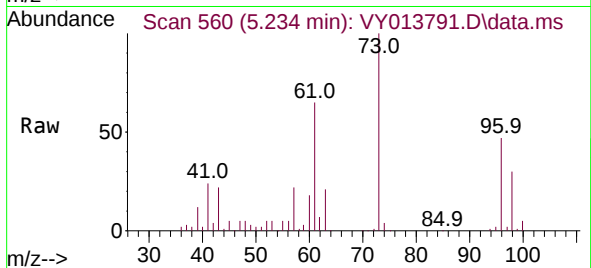
Tgt Ion: 84 Resp: 148719
Ion Ratio Lower Upper
84 100
49 137.4 109.4 164.0
51 40.7 32.8 49.2
86 62.2 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 49.625 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

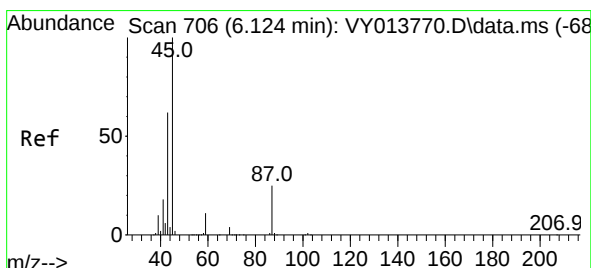
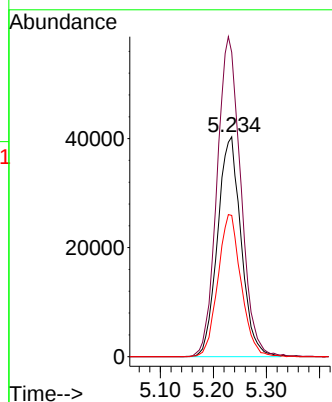
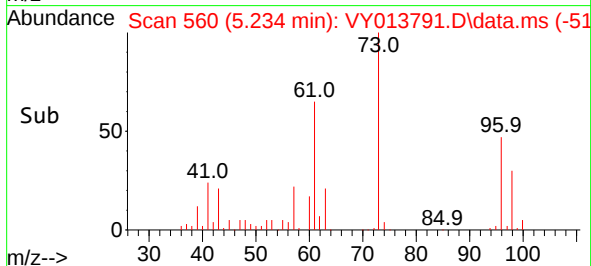
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 124200
Ion Ratio Lower Upper
96 100
61 138.4 110.8 166.2
98 64.3 48.6 72.8

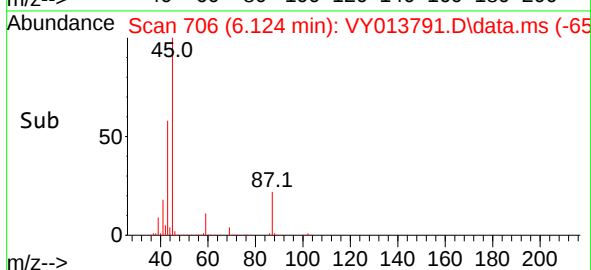
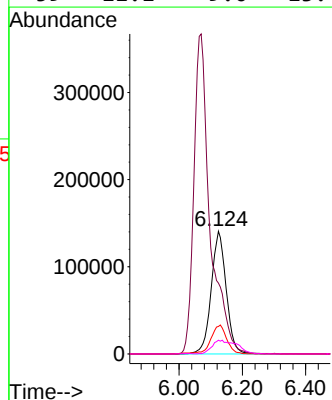
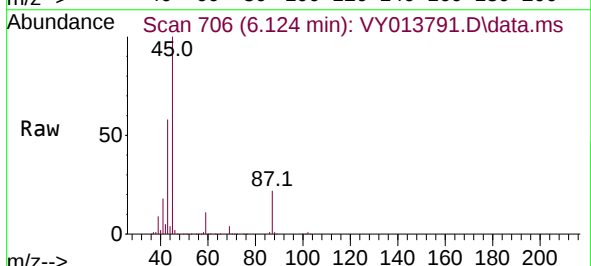
Manual Integrations
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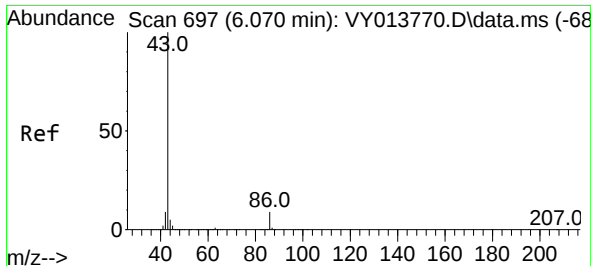
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 49.620 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

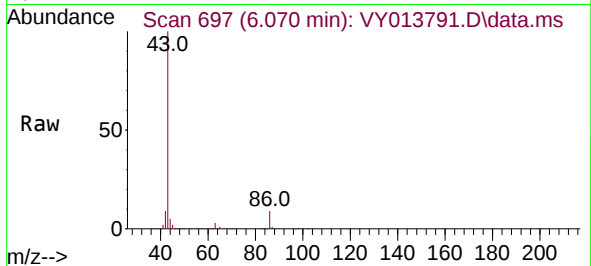
Tgt Ion: 45 Resp: 462133
Ion Ratio Lower Upper
45 100
43 57.5 49.7 74.5
87 22.5 19.9 29.9
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 242.336 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

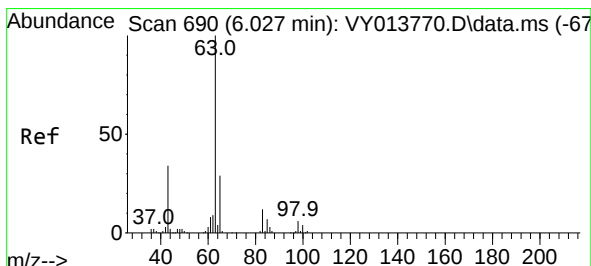
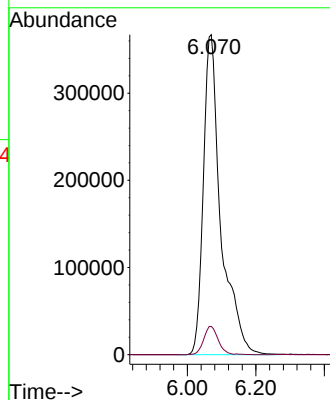
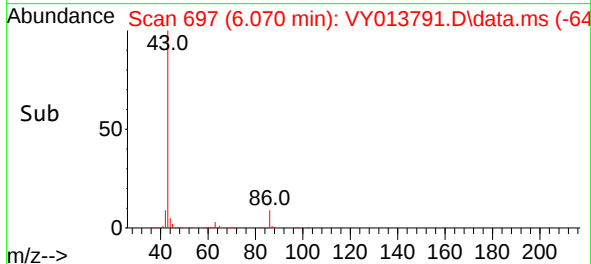
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 130603
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.0 10.4

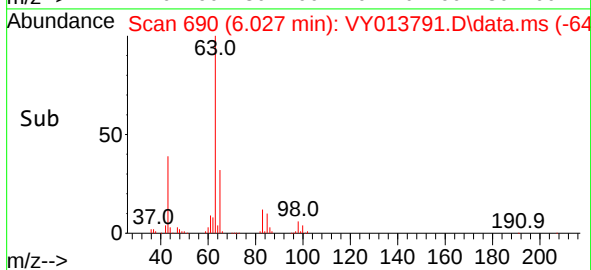
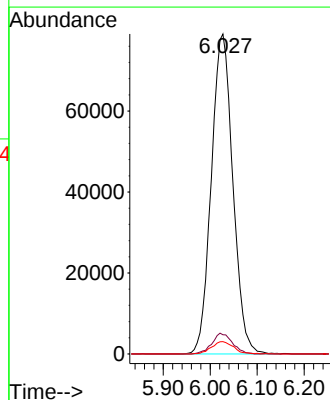
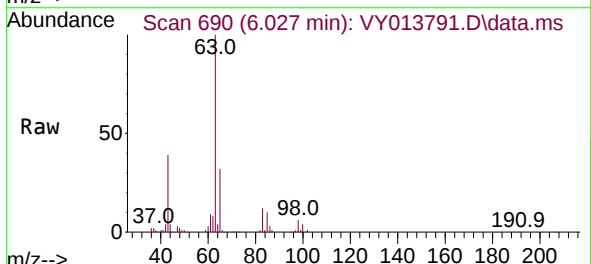
Manual Integrations
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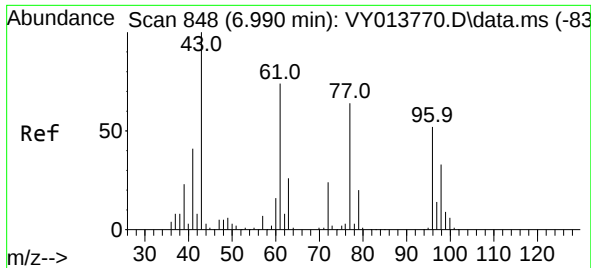
Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#24
 1,1-Dichloroethane
 Concen: 49.425 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

Tgt Ion: 63 Resp: 251637
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 3.9 2.0 6.0





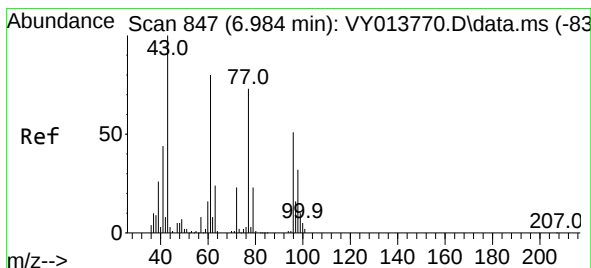
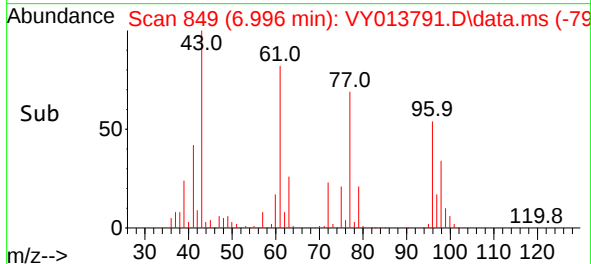
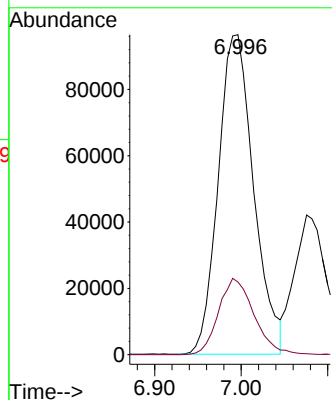
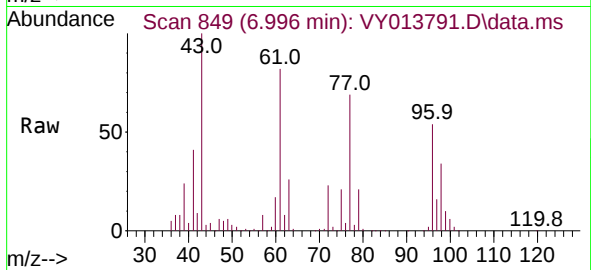
#25
2-Butanone
Concen: 227.315 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 274300
Ion Ratio Lower Upper
43 100
72 22.8 19.0 28.6

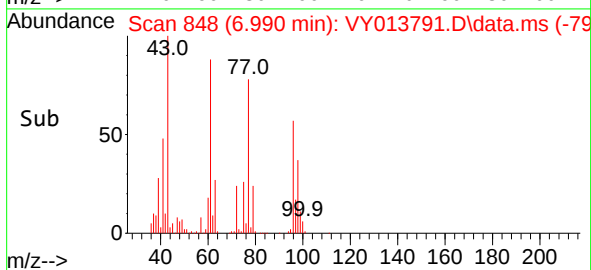
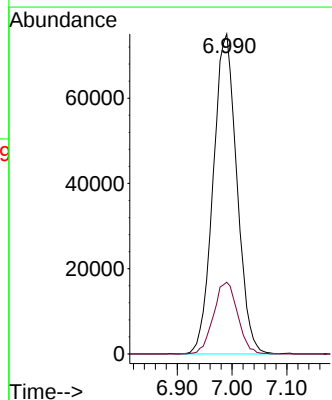
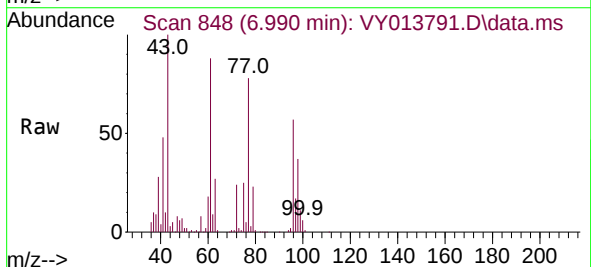
Manual Integrations
APPROVED

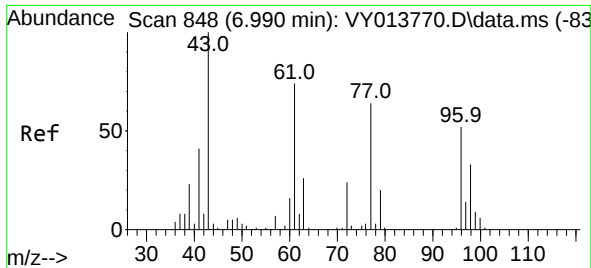
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 51.864 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

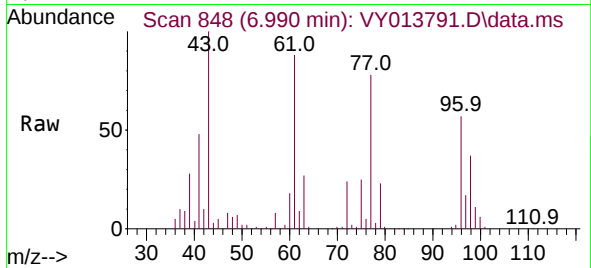
Tgt Ion: 77 Resp: 225551
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.012 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

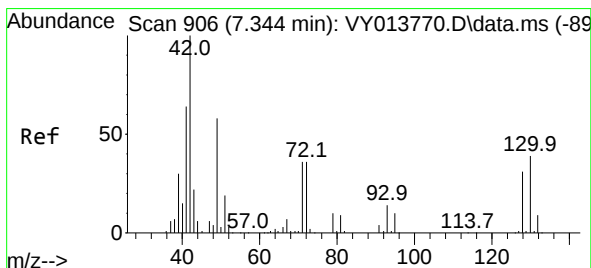
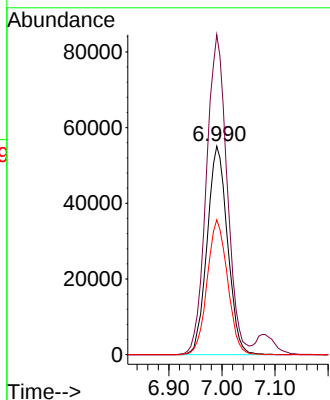
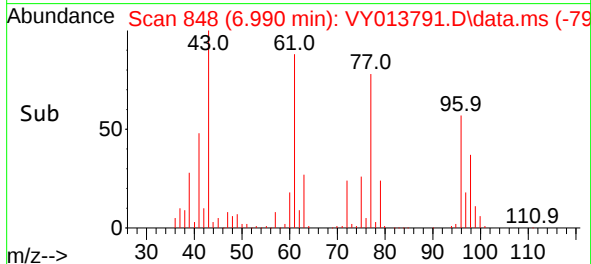
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14748
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 300.6
 98 64.5 0.0 127.8

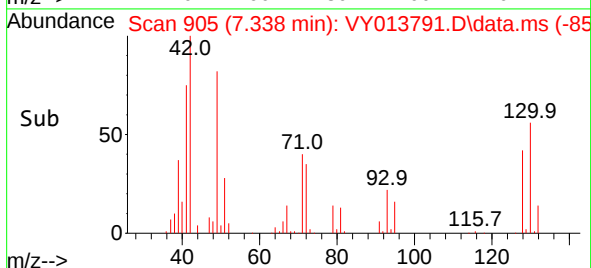
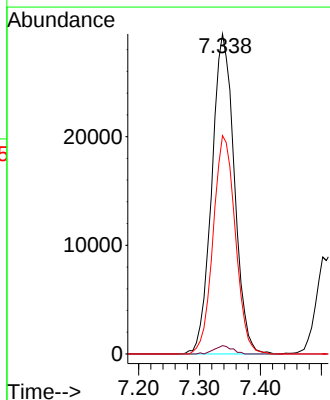
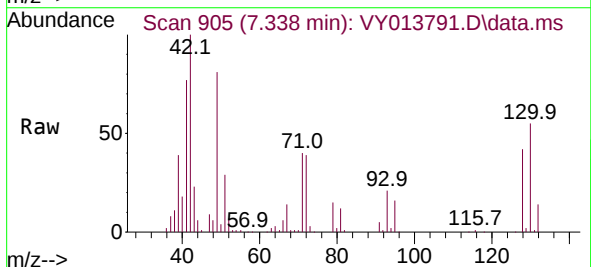
Manual Integrations
 APPROVED

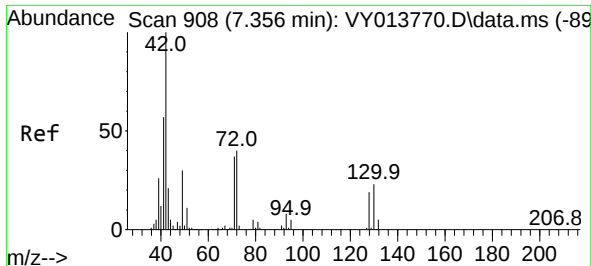
Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#28
 Bromochloromethane
 Concen: 42.419 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

Tgt Ion: 49 Resp: 75565
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 67.3 54.4 81.6





#29

Tetrahydrofuran

Concen: 219.760 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 158679

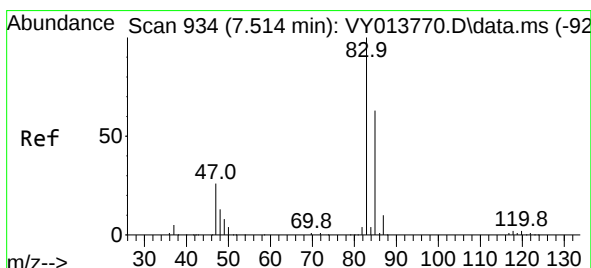
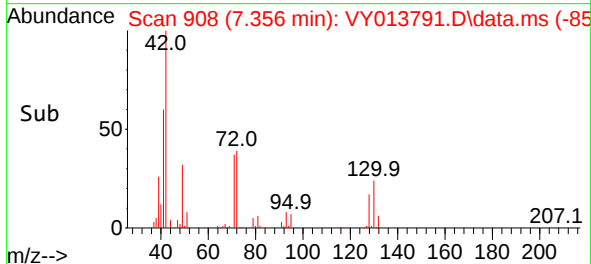
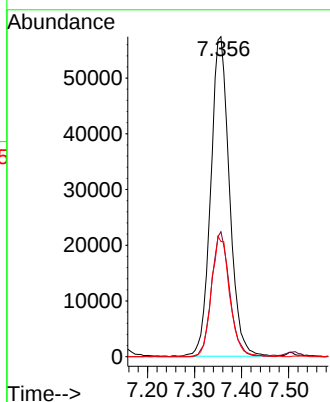
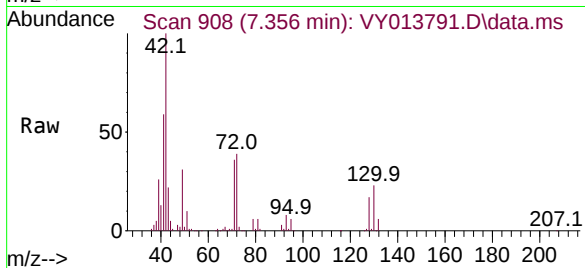
Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.7	46.1
71	36.9	29.0	43.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 49.613 ug/l

RT: 7.508 min Scan# 933

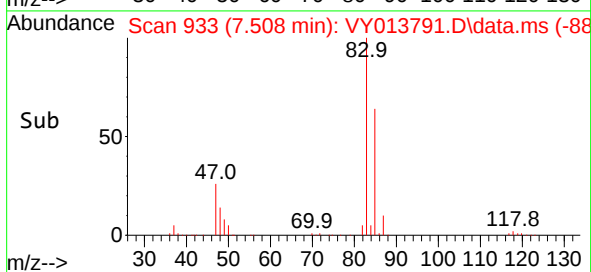
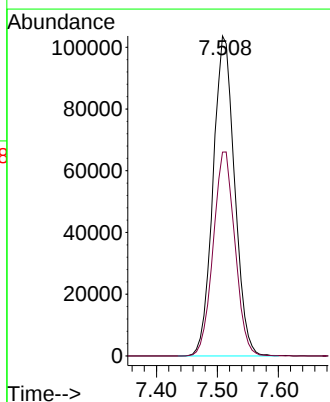
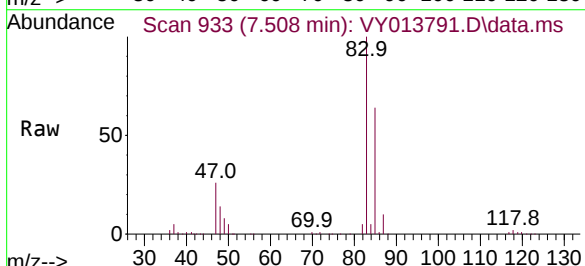
Delta R.T. -0.006 min

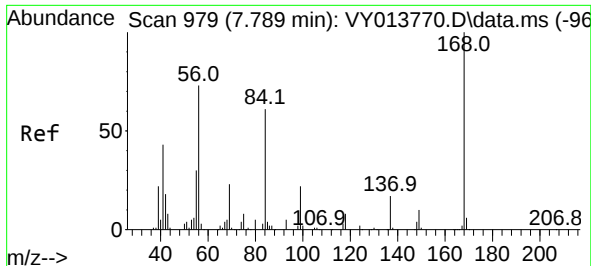
Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion: 83 Resp: 254537

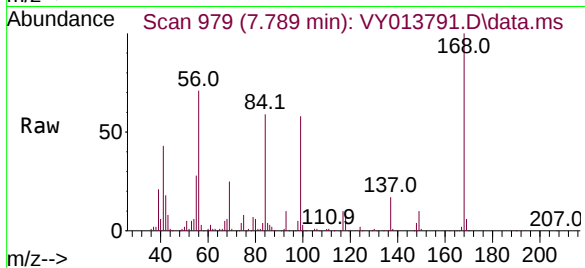
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.5	75.7





#31
Cyclohexane
Concen: 46.422 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

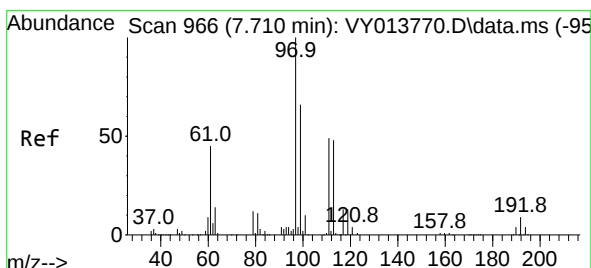
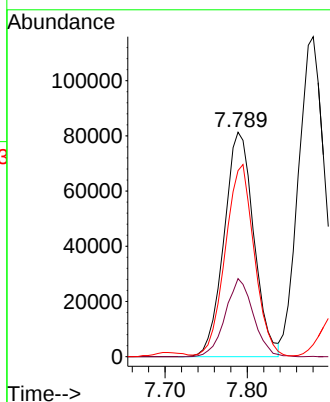
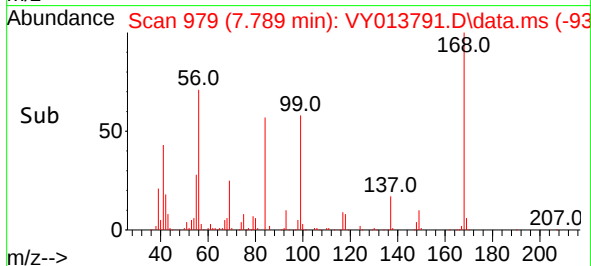
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 20478
Ion Ratio Lower Upper
56 100
69 34.8 25.8 38.6
84 81.4 65.8 98.6

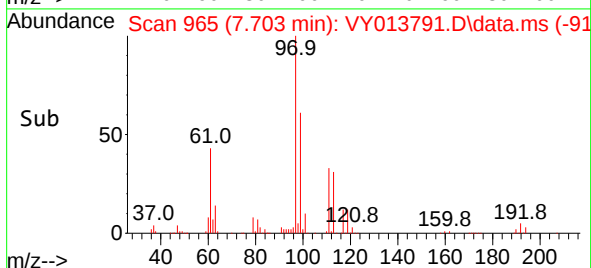
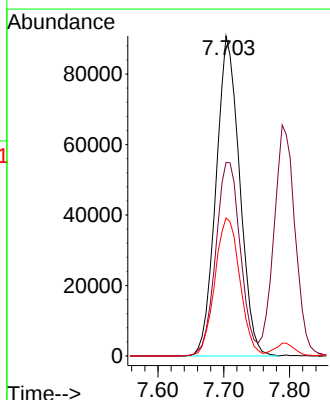
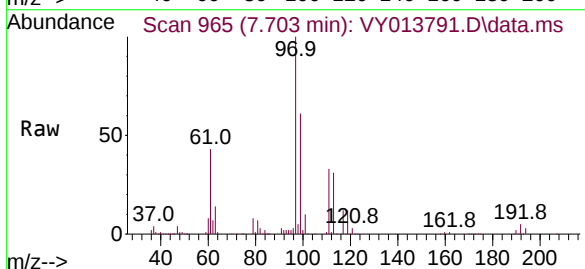
Manual Integrations
APPROVED

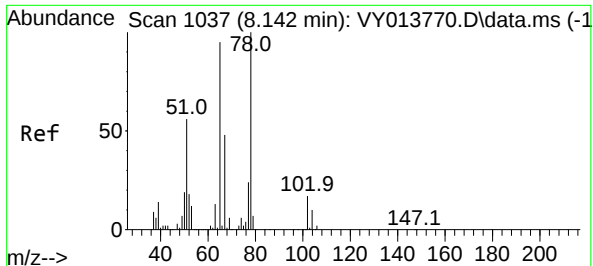
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#32
1,1,1-Trichloroethane
Concen: 51.758 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 97 Resp: 226668
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 45.7 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.898 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 150449

Ion Ratio Lower Upper

65 100

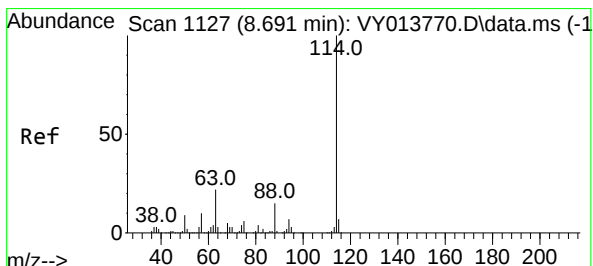
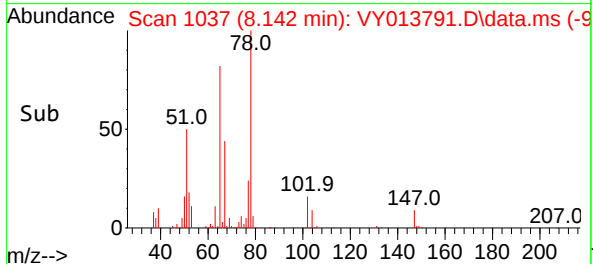
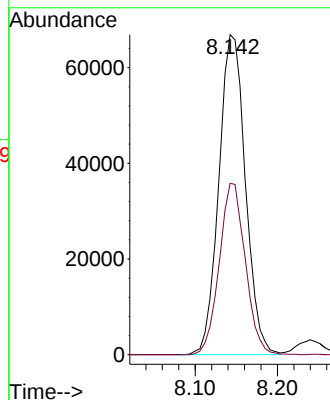
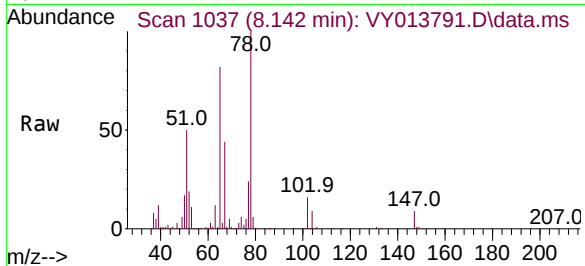
67 52.4 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

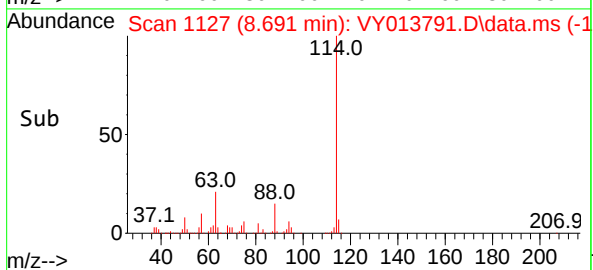
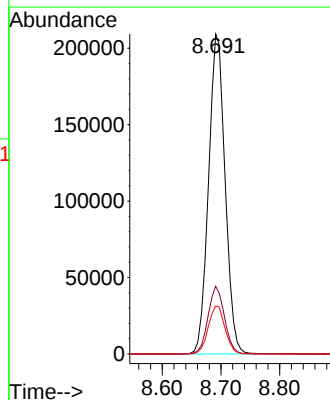
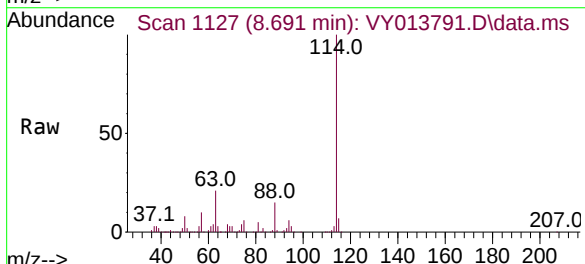
Tgt Ion:114 Resp: 409508

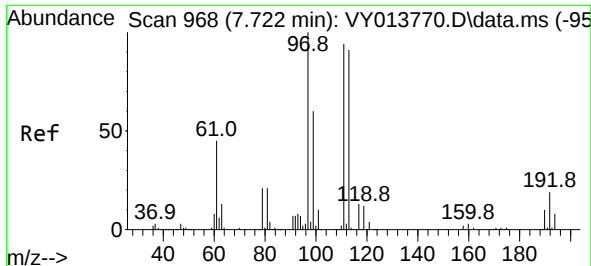
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.464 ug/l

RT: 7.722 min Scan# 90

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

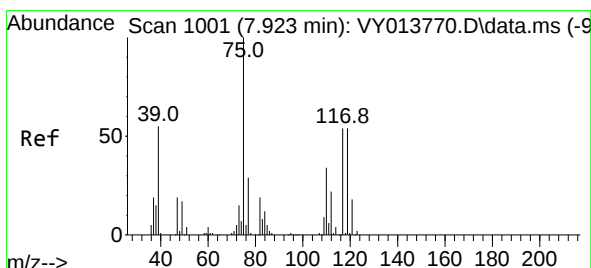
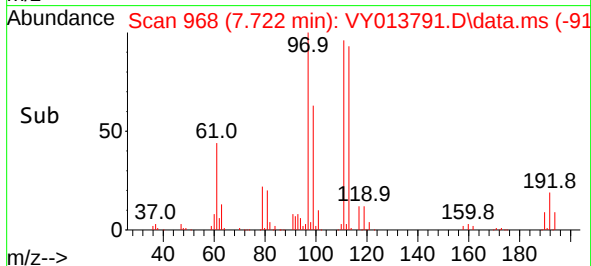
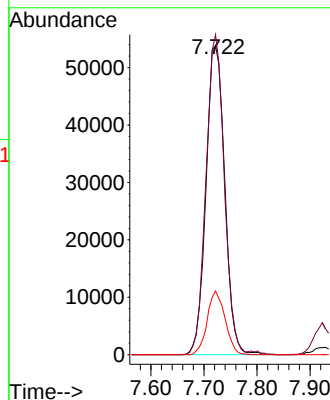
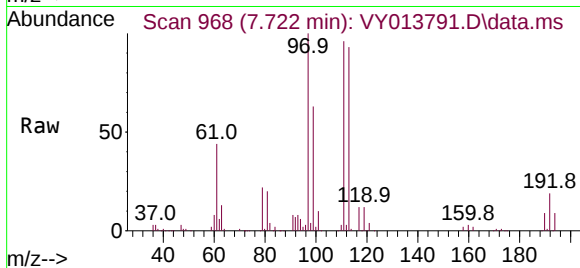
Tgt Ion:	113	Resp:	132519
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.3	123.5
192	19.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#36

1,1-Dichloropropene

Concen: 50.895 ug/l

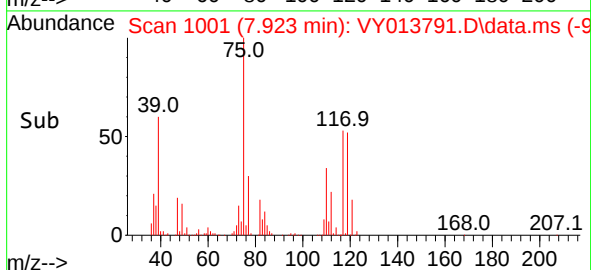
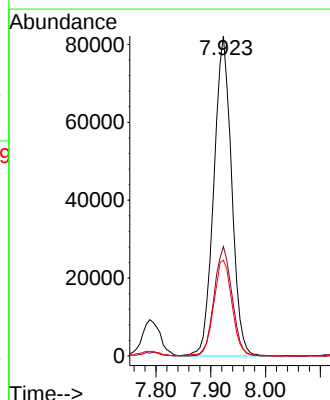
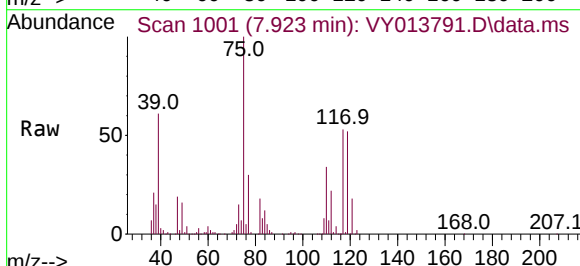
RT: 7.923 min Scan# 1001

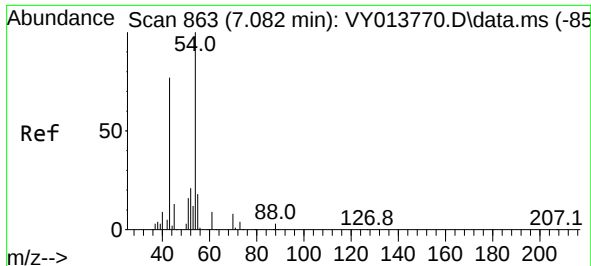
Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion:	75	Resp:	184665
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	51.7
77	30.8	24.6	36.8





#37

Ethyl Acetate

Concen: 44.903 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 112070

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

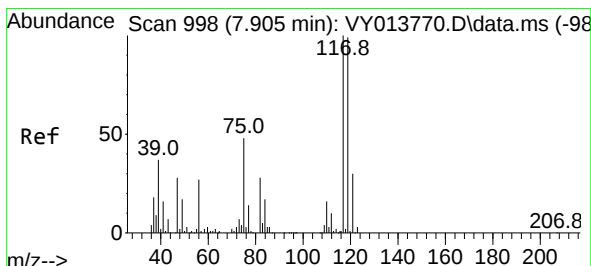
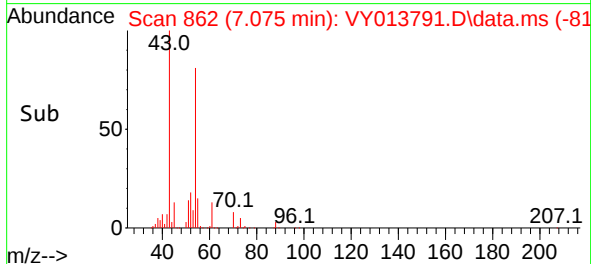
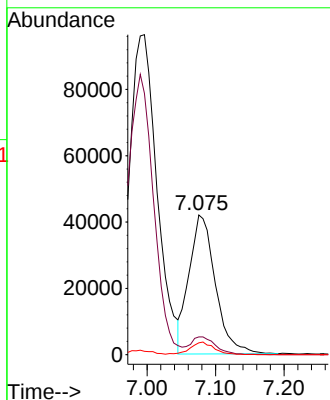
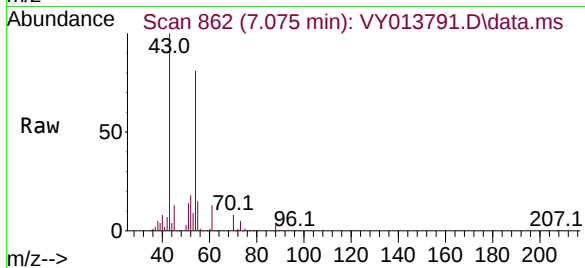
70 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 53.379 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

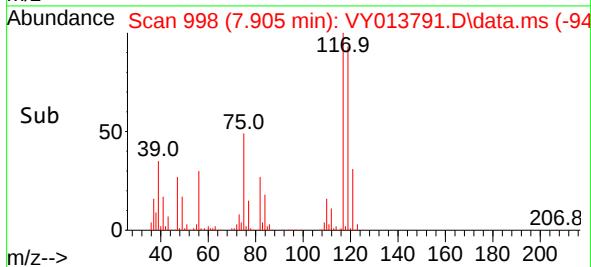
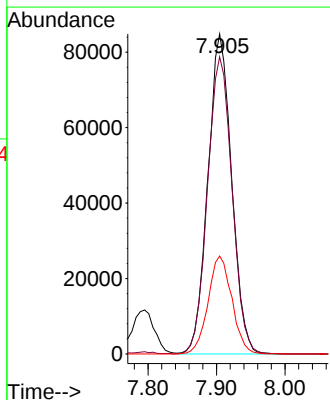
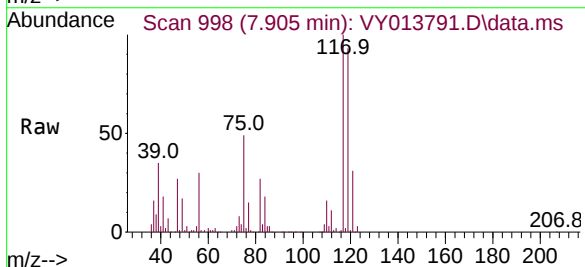
Tgt Ion:117 Resp: 204317

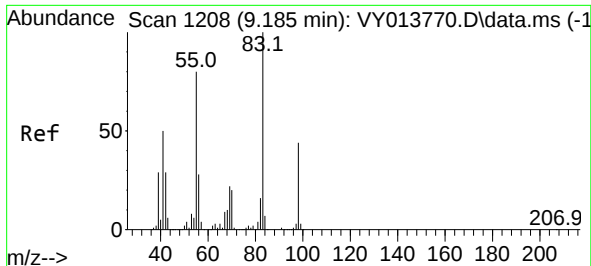
Ion Ratio Lower Upper

117 100

119 92.8 79.0 118.6

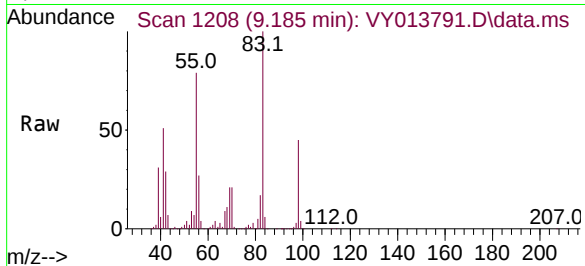
121 30.6 24.1 36.1





#39
Methylcyclohexane
Concen: 50.125 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

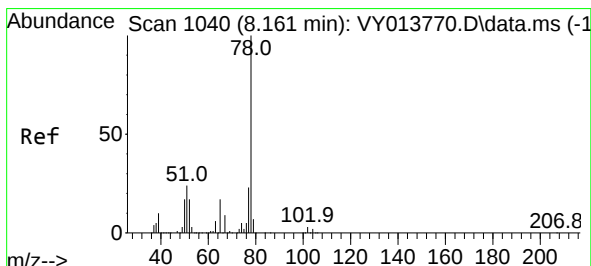
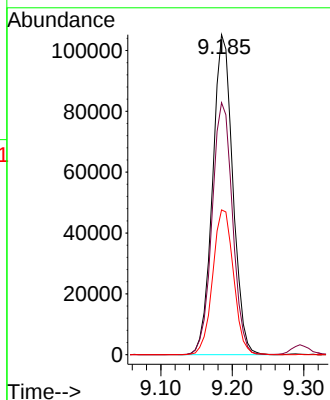
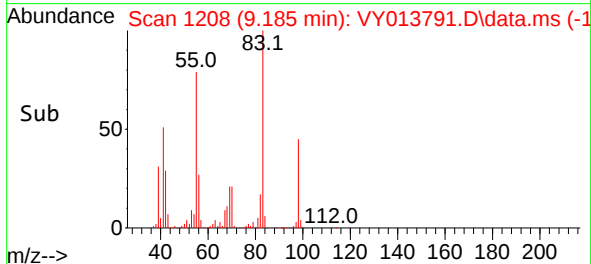
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



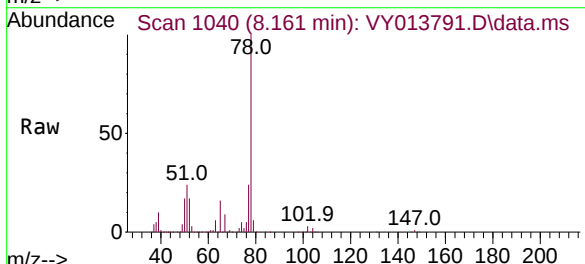
Tgt Ion: 83 Resp: 20671
Ion Ratio Lower Upper
83 100
55 78.7 63.7 95.5
98 45.2 35.0 52.6

Manual Integrations
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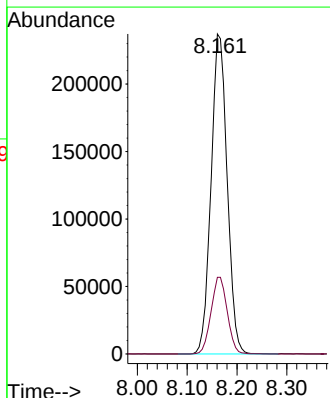
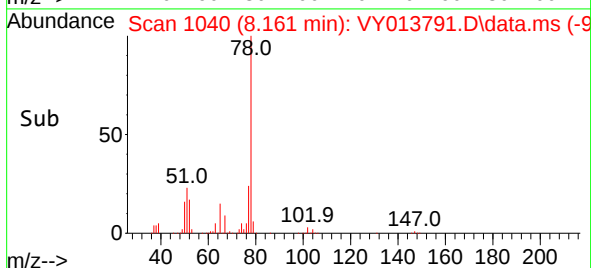
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

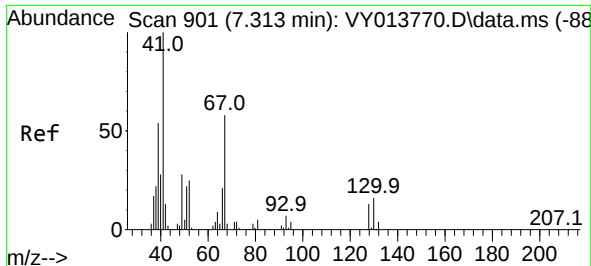


#40
Benzene
Concen: 50.387 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



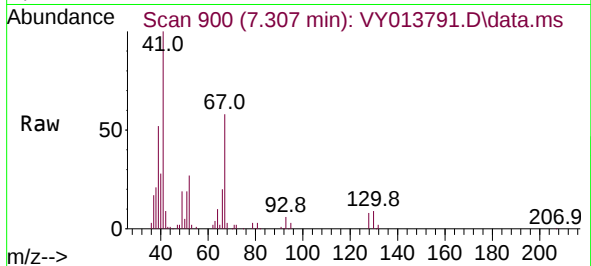
Tgt Ion: 78 Resp: 531274
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 47.996 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

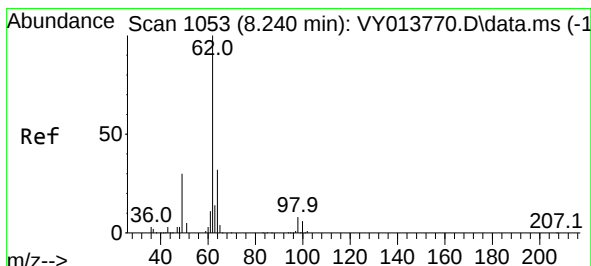
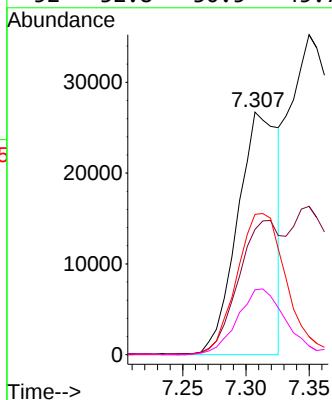
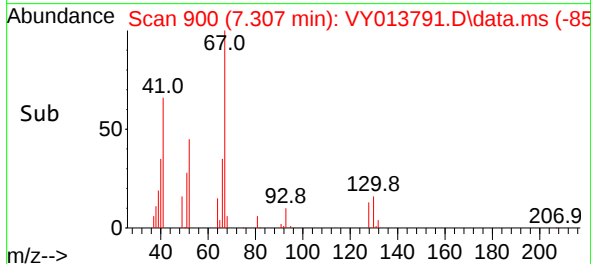
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 59528
Ion Ratio Lower Upper
41 100
39 62.9 59.5 89.3
67 71.1 69.1 103.7
52 32.8 30.5 45.7

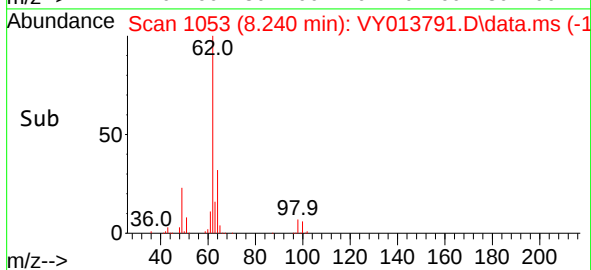
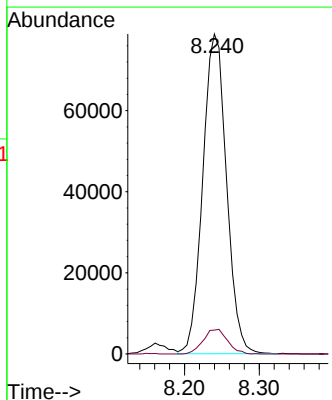
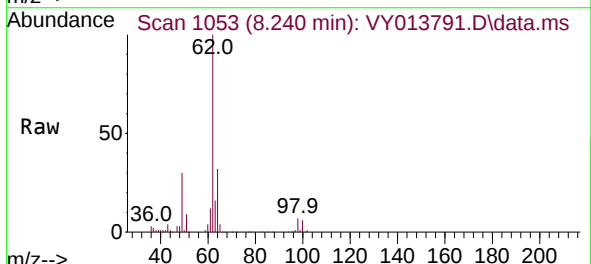
Manual Integrations
APPROVED

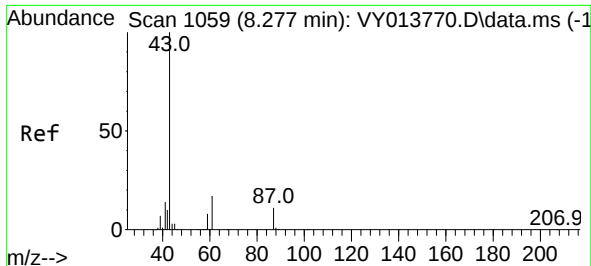
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#42
1,2-Dichloroethane
Concen: 51.039 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 62 Resp: 173878
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.8





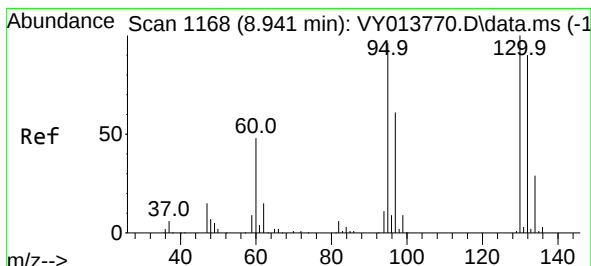
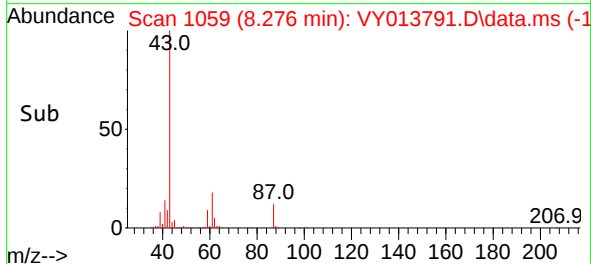
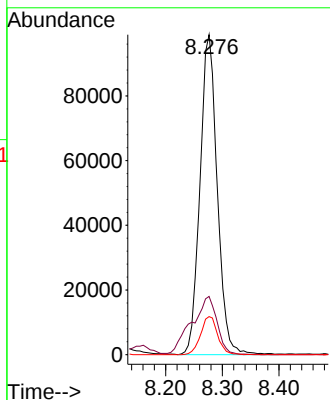
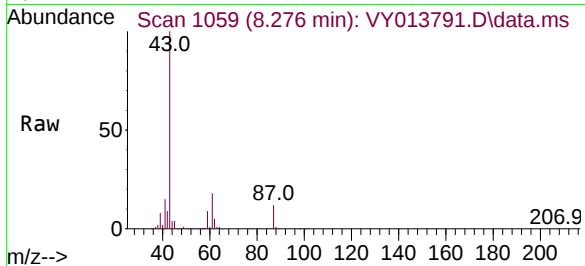
#43
Isopropyl Acetate
Concen: 46.283 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

Tgt Ion: 43 Resp: 209662
Ion Ratio Lower Upper
43 100
61 26.9 20.6 31.0
87 11.7 9.0 13.6

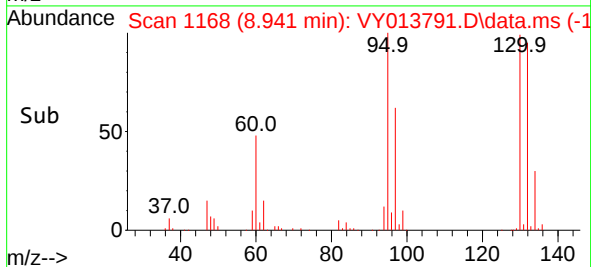
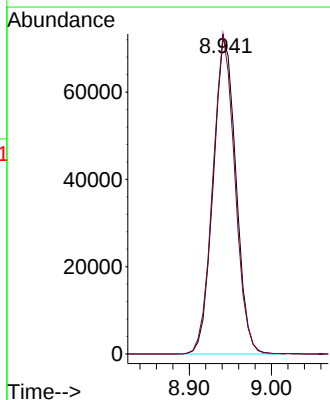
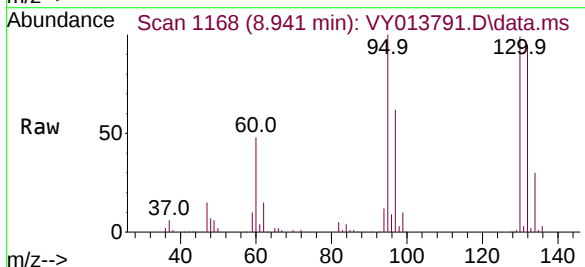
Manual Integrations
APPROVED

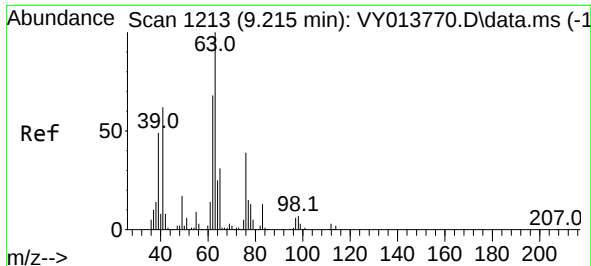
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 50.521 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion:130 Resp: 139251
Ion Ratio Lower Upper
130 100
95 101.2 0.0 193.0





#45

1,2-Dichloropropane

Concen: 49.352 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 142992

Ion Ratio Lower Upper

63 100

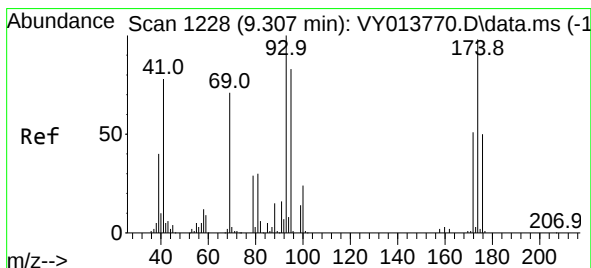
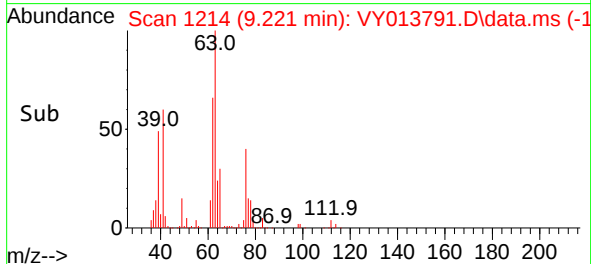
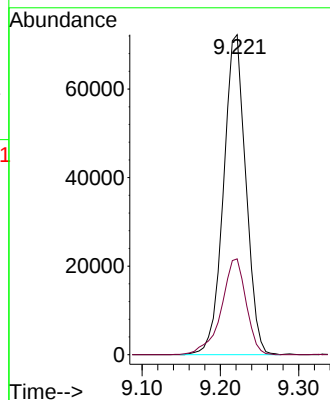
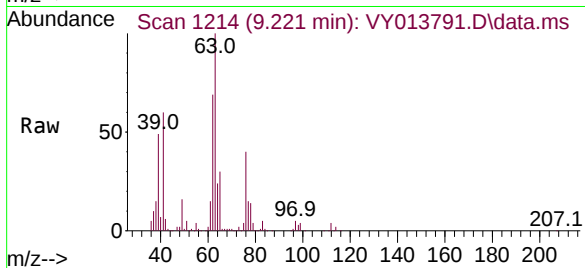
65 30.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 47.958 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

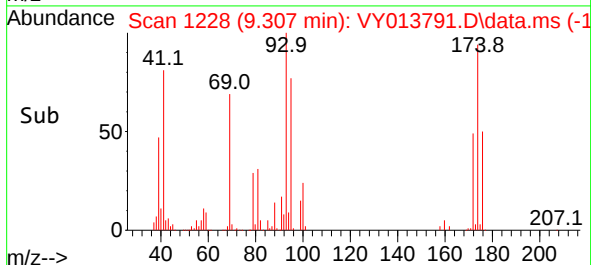
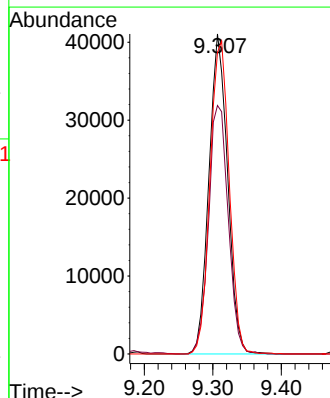
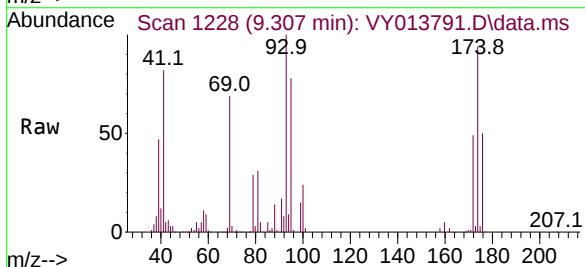
Tgt Ion: 93 Resp: 77822

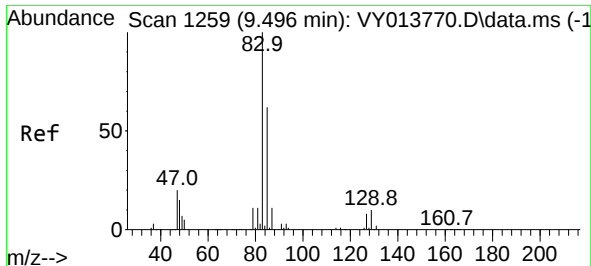
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

174 100.6 79.5 119.3





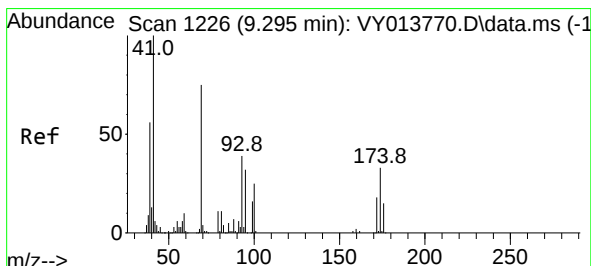
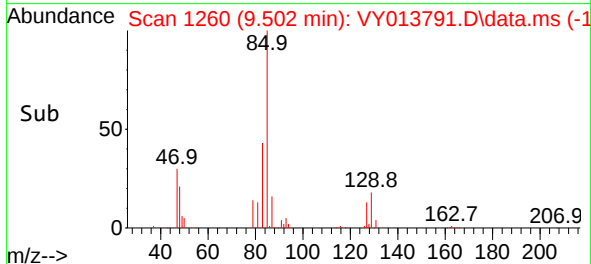
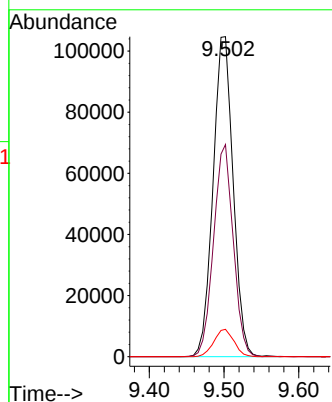
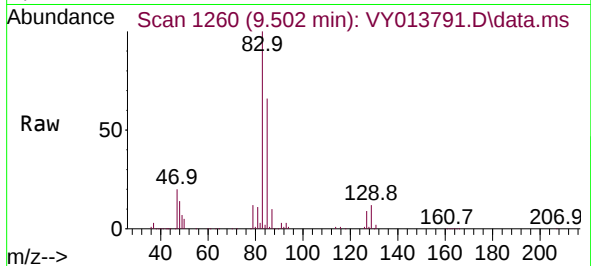
#47
Bromodichloromethane
Concen: 51.068 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 196250
Ion Ratio Lower Upper
83 100
85 66.3 49.6 74.4
127 8.5 6.3 9.5

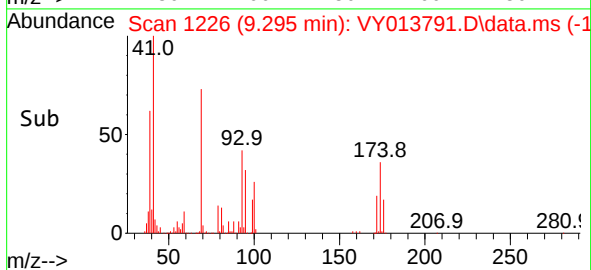
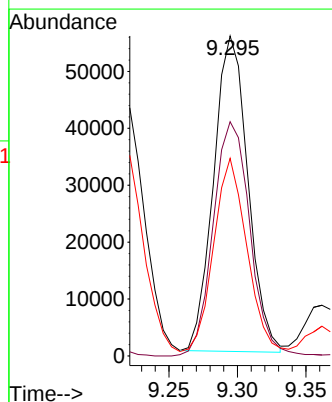
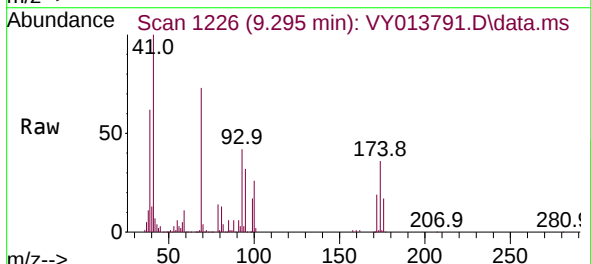
Manual Integrations
APPROVED

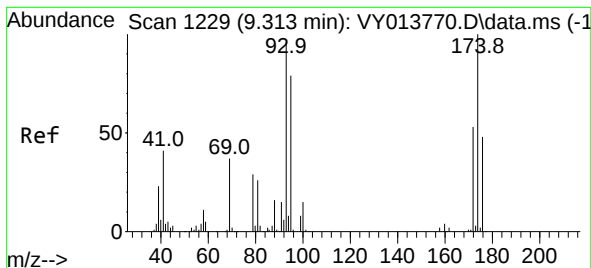
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 46.392 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 41 Resp: 96535
Ion Ratio Lower Upper
41 100
69 79.9 63.0 94.6
39 59.6 46.2 69.2





#49

1,4-Dioxane

Concen: 913.603 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

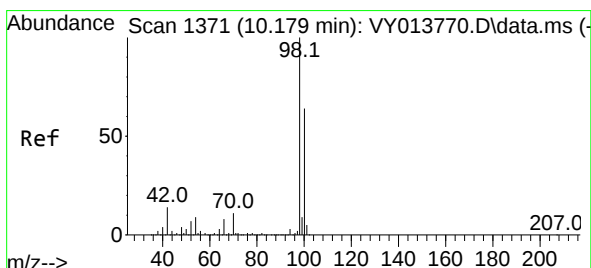
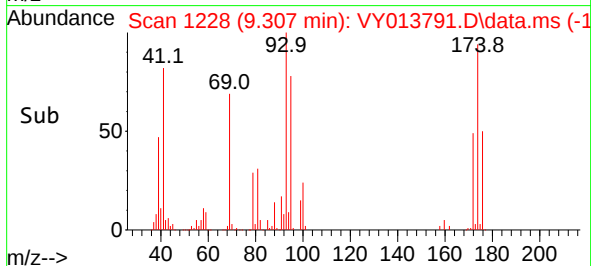
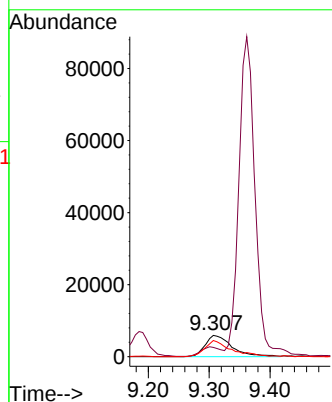
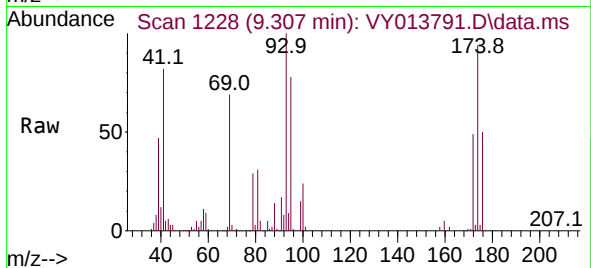
Tgt Ion:	88	Resp:	1819
Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.1	39.1
58	74.3	62.2	93.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 50.995 ug/l

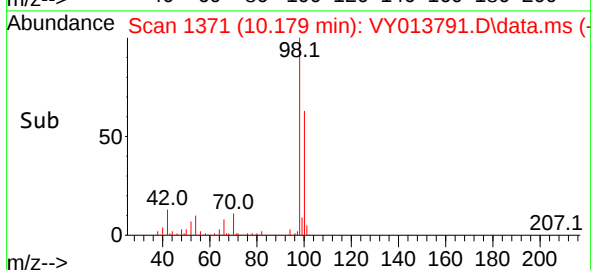
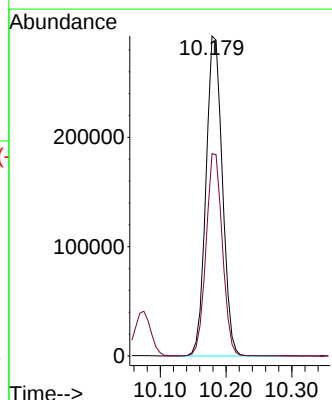
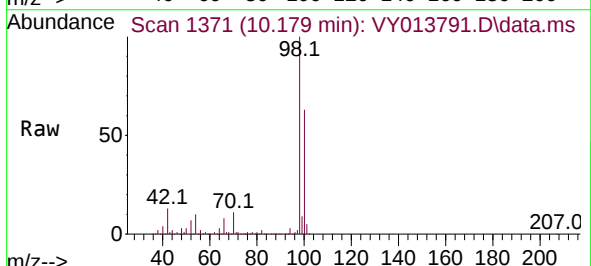
RT: 10.179 min Scan# 1371

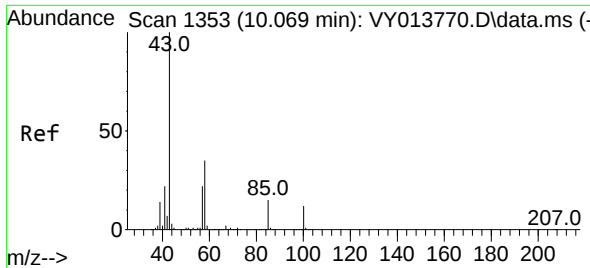
Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

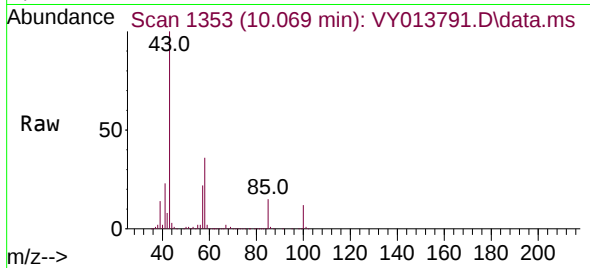
Tgt Ion:	98	Resp:	507682
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6





#51
4-Methyl-2-Pentanone
Concen: 227.819 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

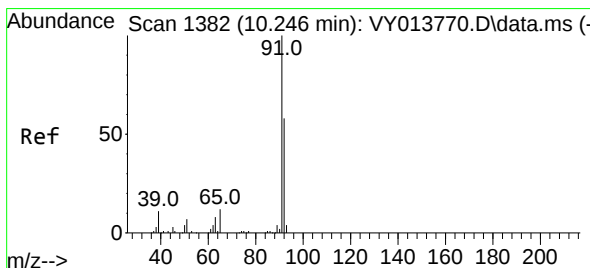
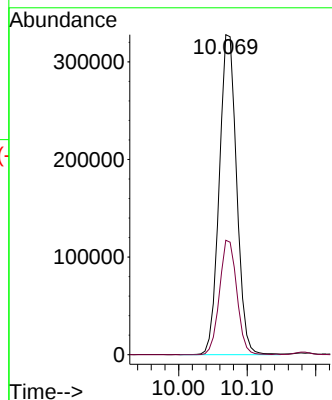
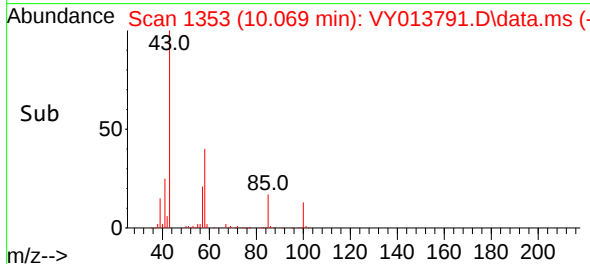
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 574700
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.2

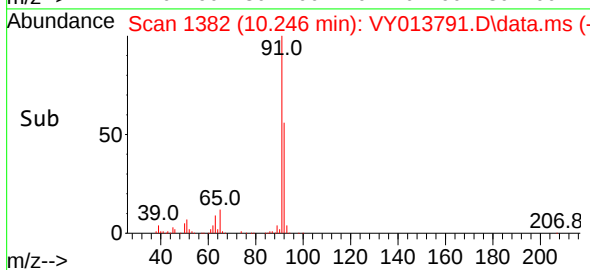
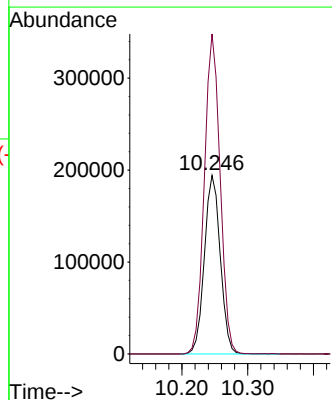
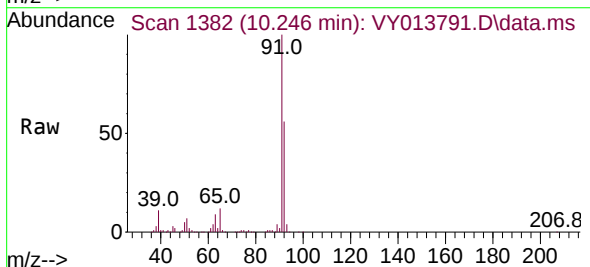
Manual Integrations
APPROVED

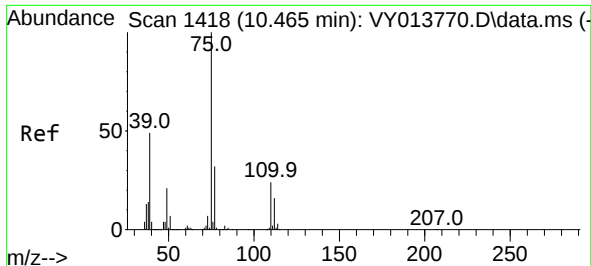
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 51.037 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

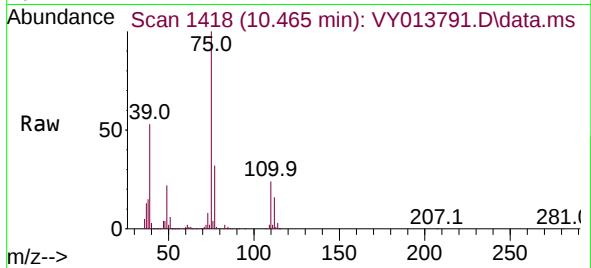
Tgt Ion: 92 Resp: 326234
Ion Ratio Lower Upper
92 100
91 177.9 141.0 211.4





#53
t-1,3-Dichloropropene
Concen: 49.594 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

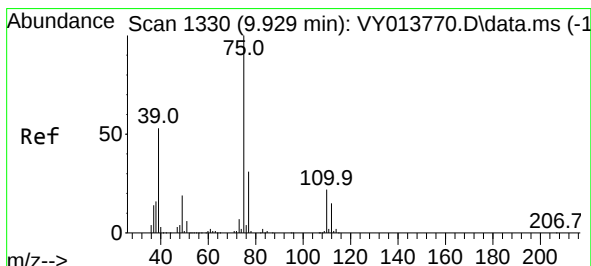
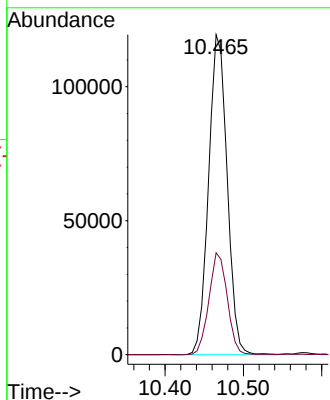
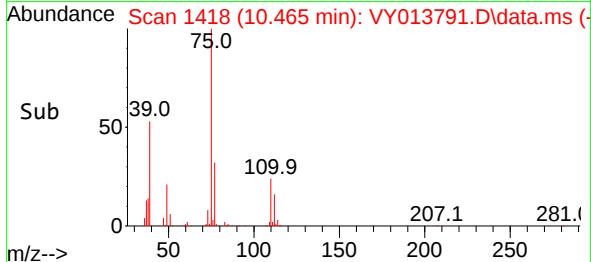
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 196500
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8

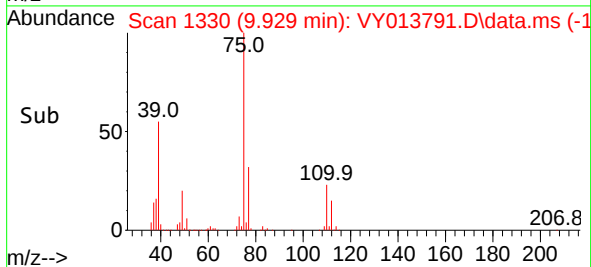
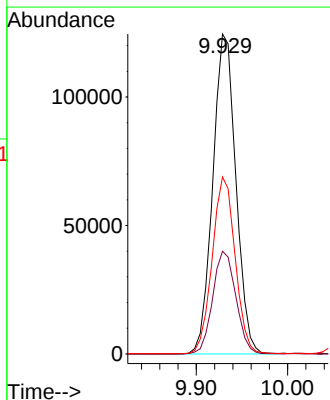
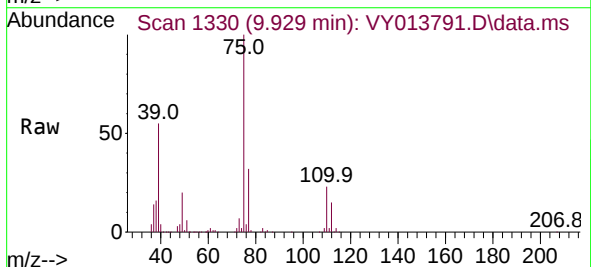
Manual Integrations
APPROVED

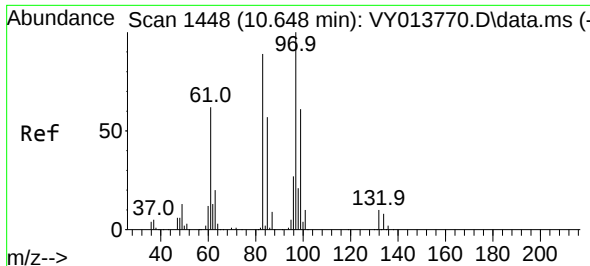
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#54
cis-1,3-Dichloropropene
Concen: 49.465 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

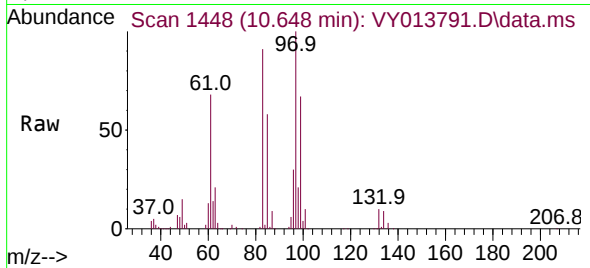
Tgt Ion: 75 Resp: 218676
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 55.2 42.6 63.8





#55
1,1,2-Trichloroethane
Concen: 48.199 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

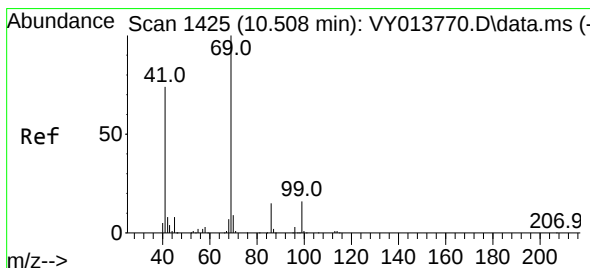
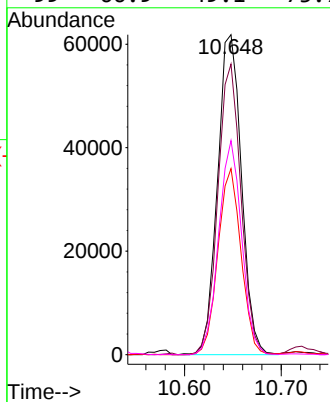
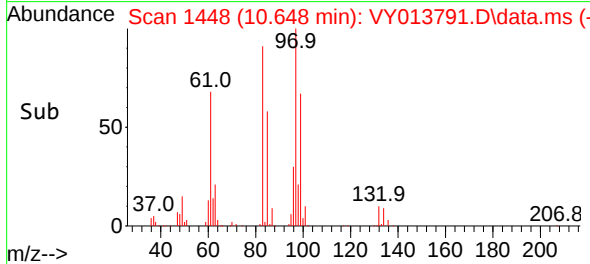
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



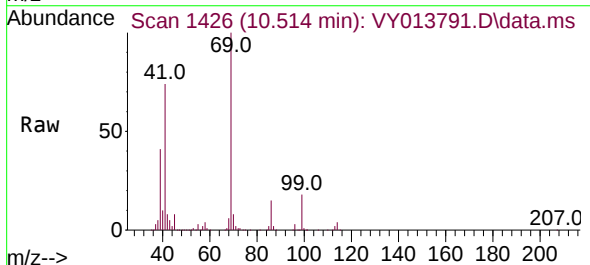
Tgt Ion: 97 Resp: 106370
Ion Ratio Lower Upper
97 100
83 90.8 71.1 106.7
85 58.2 45.7 68.5
99 66.9 49.1 73.7

Manual Integrations
APPROVED

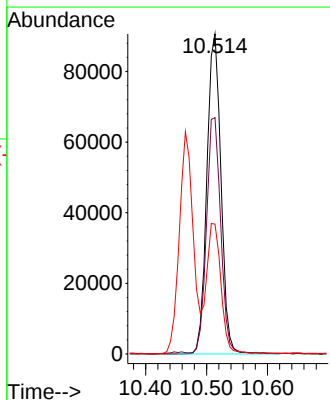
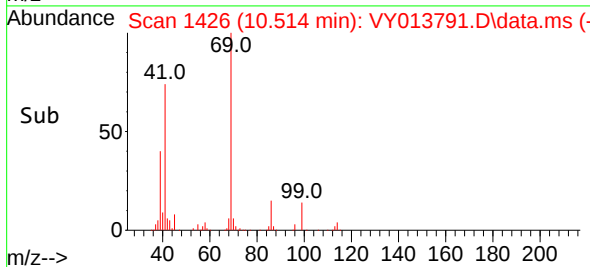
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

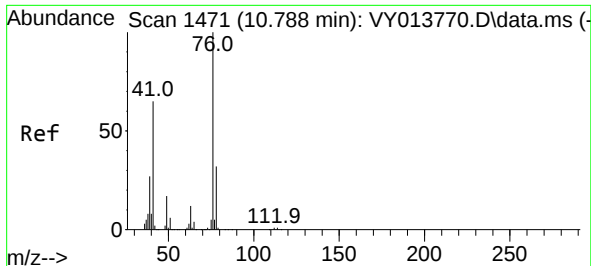


#56
Ethyl methacrylate
Concen: 49.407 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



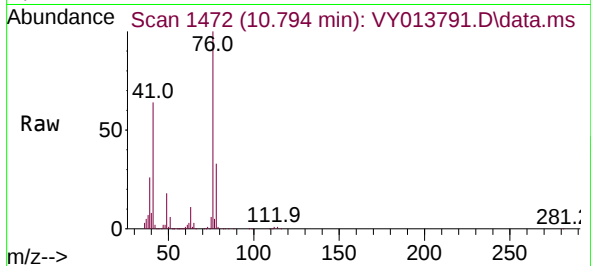
Tgt Ion: 69 Resp: 145518
Ion Ratio Lower Upper
69 100
41 73.7 58.3 87.5
39 41.2 31.8 47.8





#57
1,3-Dichloropropane
Concen: 48.296 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

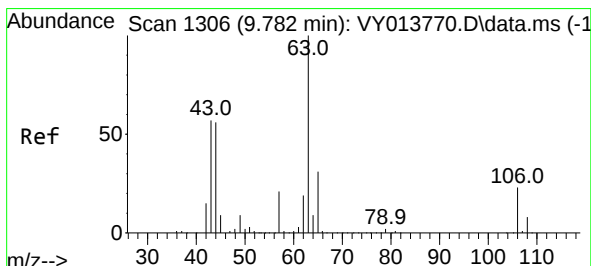
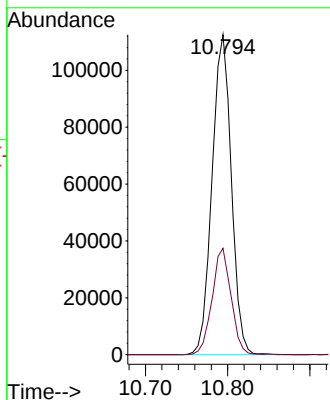
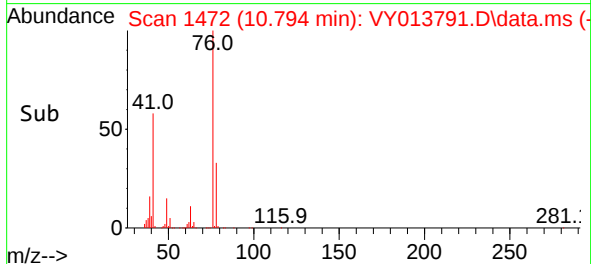
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 183375
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

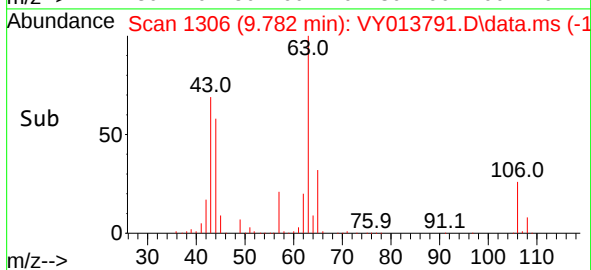
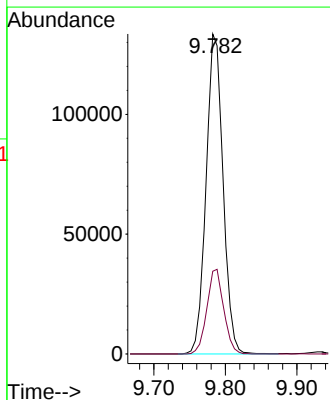
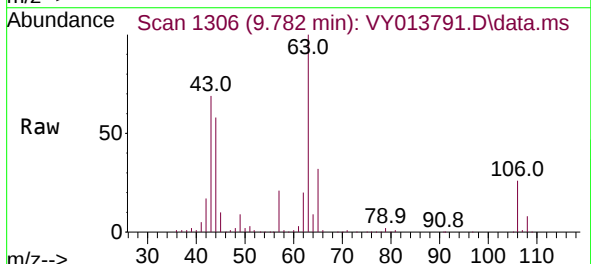
Manual Integrations
APPROVED

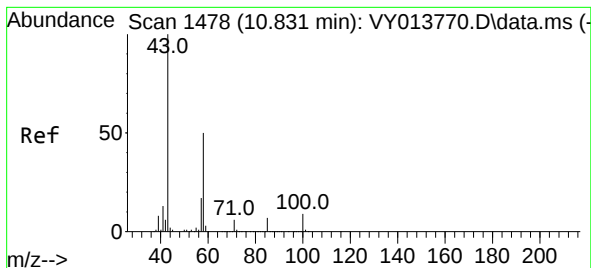
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 206.048 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 63 Resp: 219869
Ion Ratio Lower Upper
63 100
106 26.3 19.7 29.5





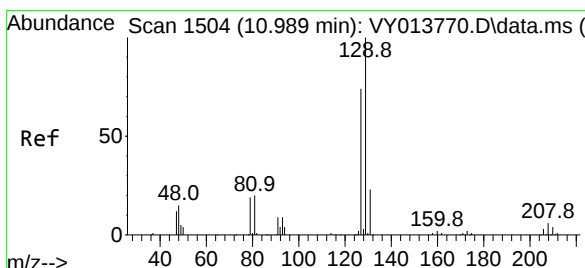
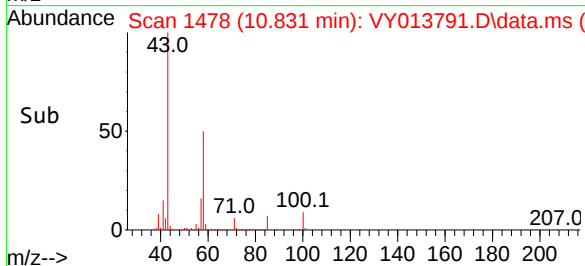
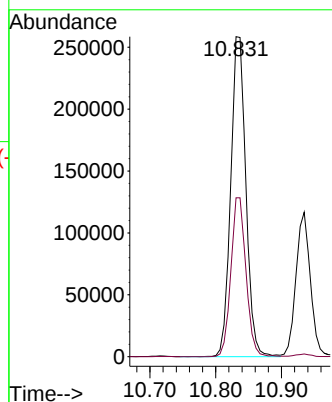
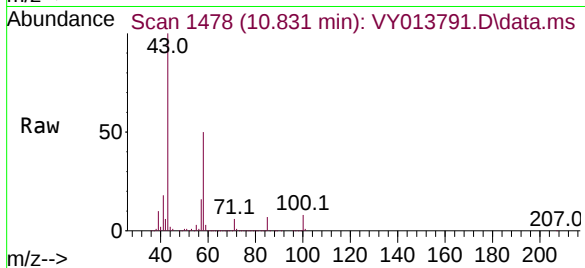
#59
2-Hexanone
Concen: 231.726 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41551
Ion Ratio Lower Upper
43 100
58 49.4 24.8 74.4

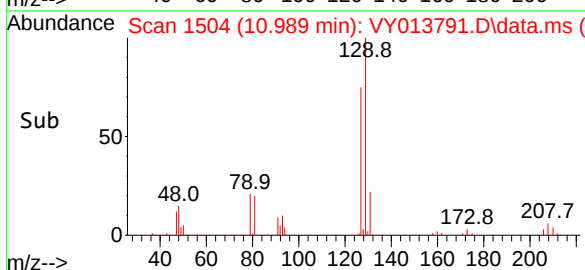
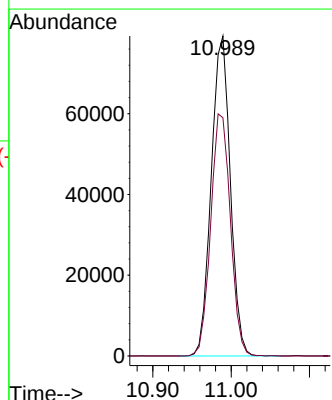
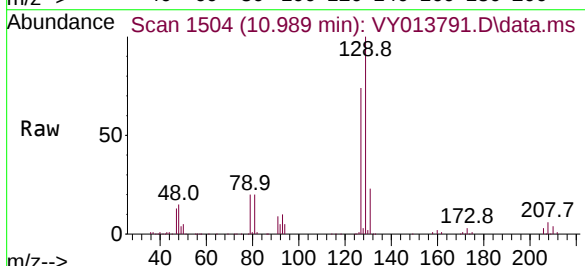
Manual Integrations
APPROVED

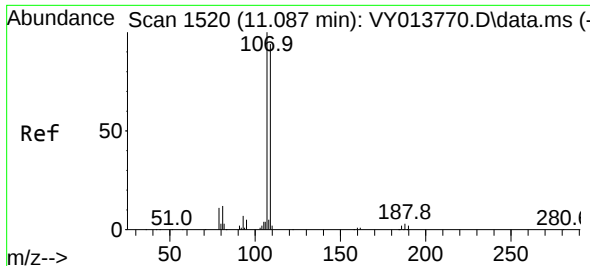
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 50.068 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

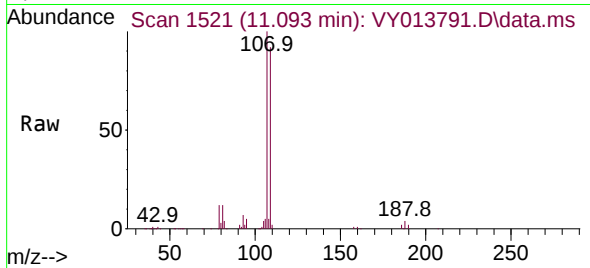
Tgt Ion:129 Resp: 133895
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 48.130 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

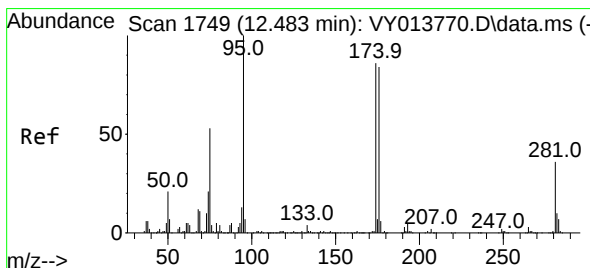
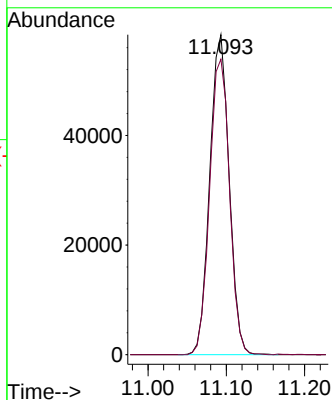
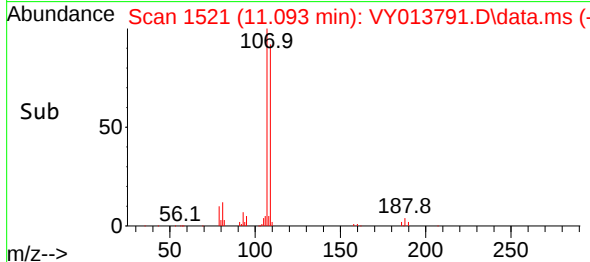
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



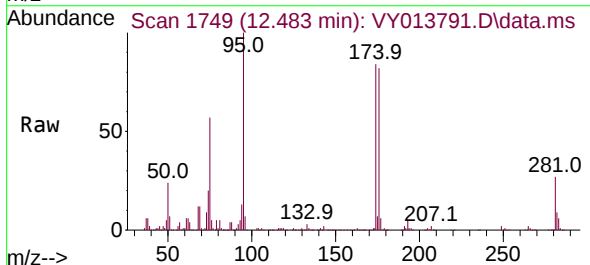
Tgt Ion:107 Resp: 100160
Ion Ratio Lower Upper
107 100
109 95.0 76.2 114.4

Manual Integrations
APPROVED

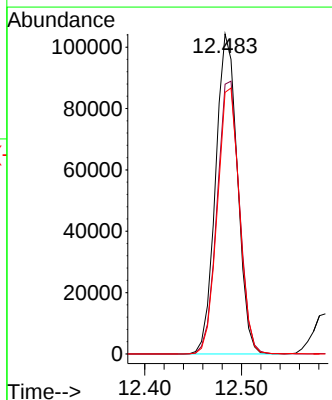
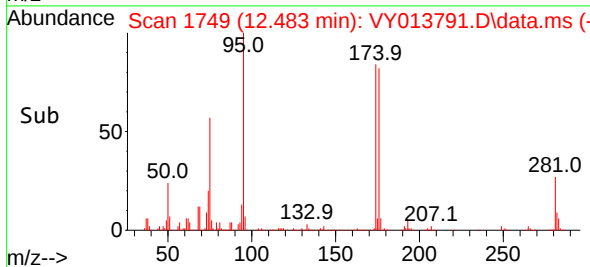
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

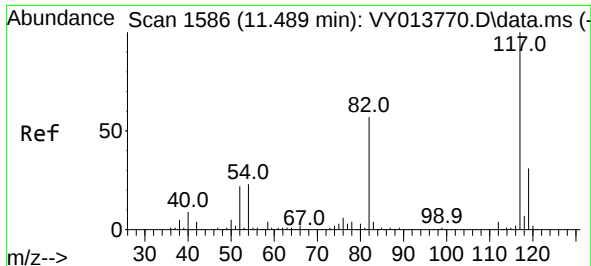


#62
4-Bromofluorobenzene
Concen: 49.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



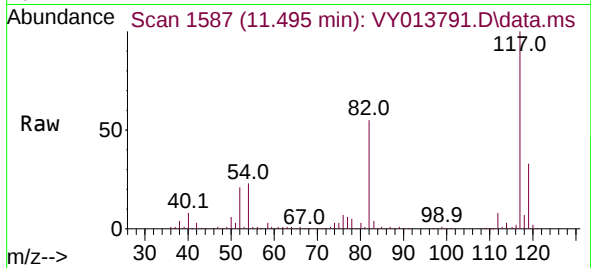
Tgt Ion: 95 Resp: 163307
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.8
176 84.2 0.0 165.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

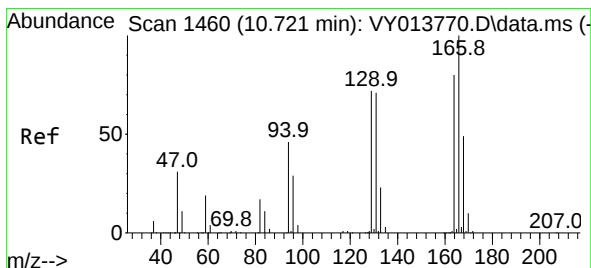
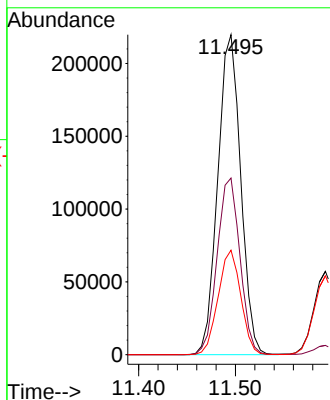
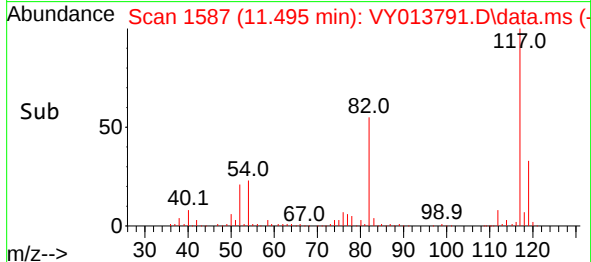
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 361220
Ion Ratio Lower Upper
117 100
82 55.2 45.5 68.3
119 32.6 24.8 37.2

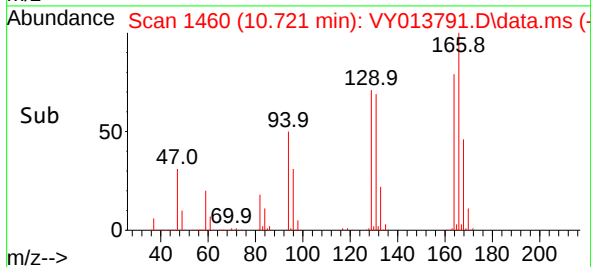
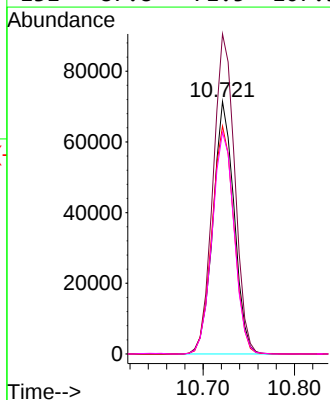
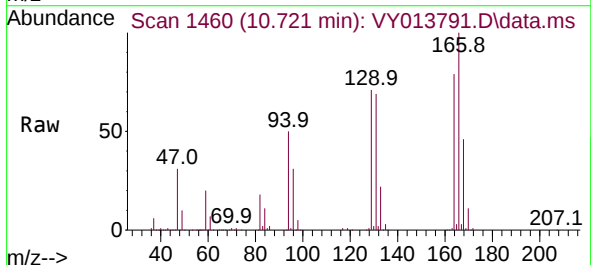
Manual Integrations
APPROVED

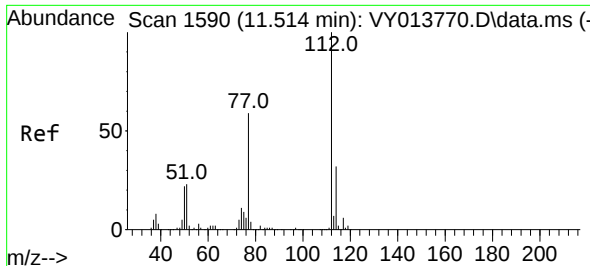
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#64
Tetrachloroethene
Concen: 49.846 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion:164 Resp: 114220
Ion Ratio Lower Upper
164 100
166 126.7 100.5 150.7
129 90.2 72.5 108.7
131 87.8 71.5 107.3





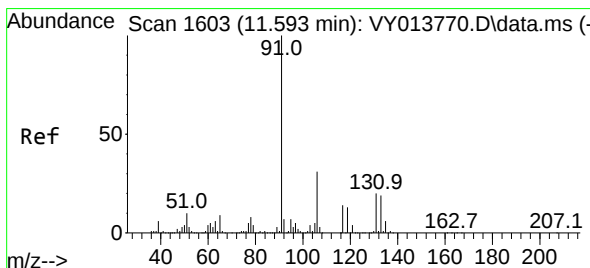
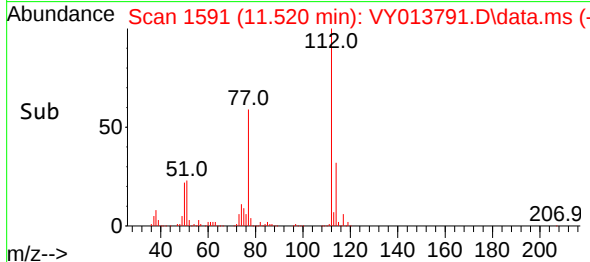
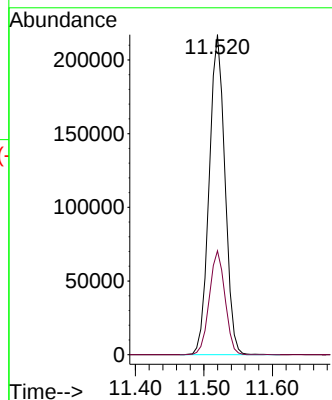
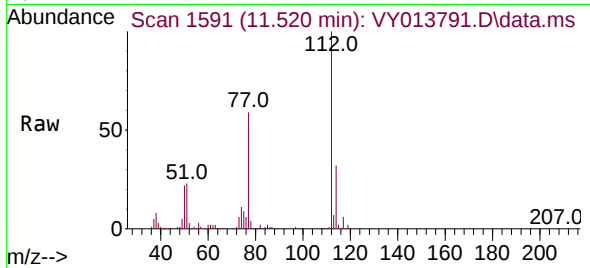
#65
Chlorobenzene
Concen: 50.695 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 346600
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

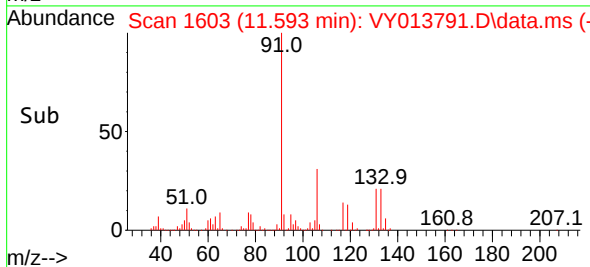
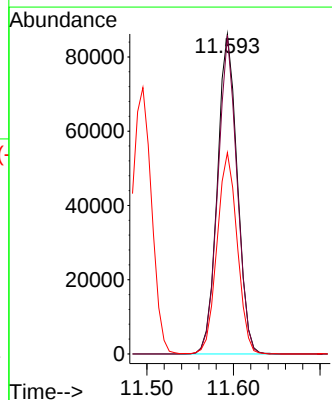
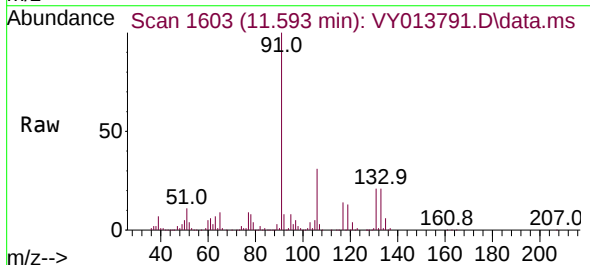
Manual Integrations
APPROVED

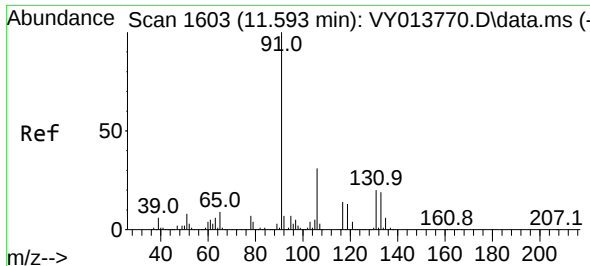
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.640 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

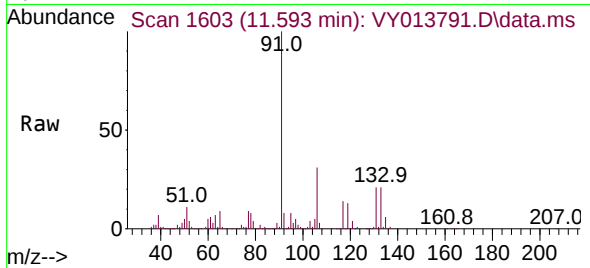
Tgt Ion:131 Resp: 137186
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 63.9 32.9 98.7





#67
Ethyl Benzene
Concen: 52.608 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

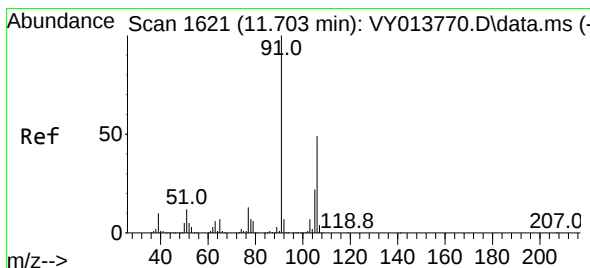
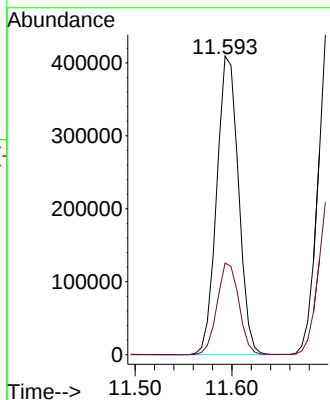
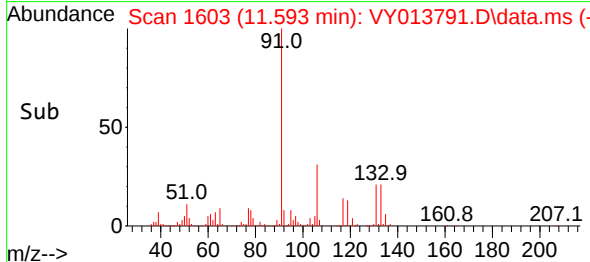
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



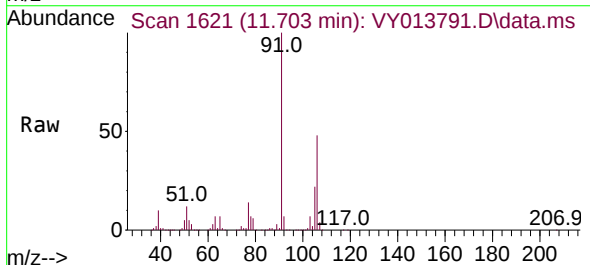
Tgt Ion: 91 Resp: 63915
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

Manual Integrations
APPROVED

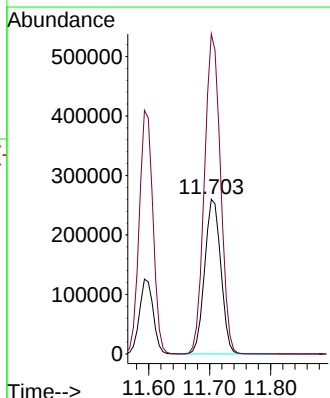
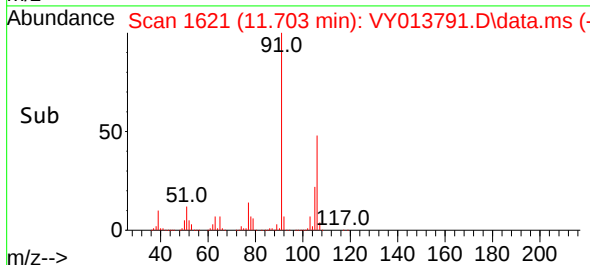
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

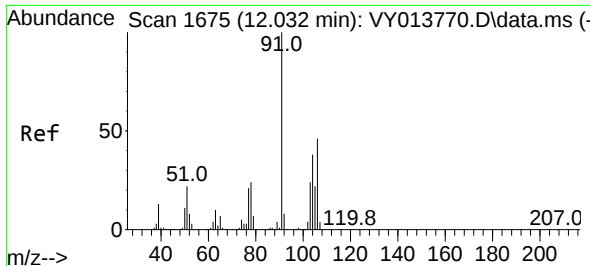


#68
m/p-Xylenes
Concen: 105.336 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



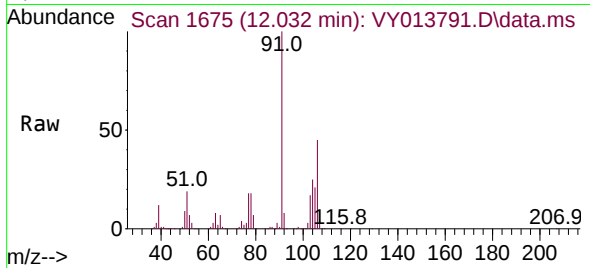
Tgt Ion:106 Resp: 479331
Ion Ratio Lower Upper
106 100
91 205.2 164.0 246.0





#69
o-Xylene
Concen: 52.205 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

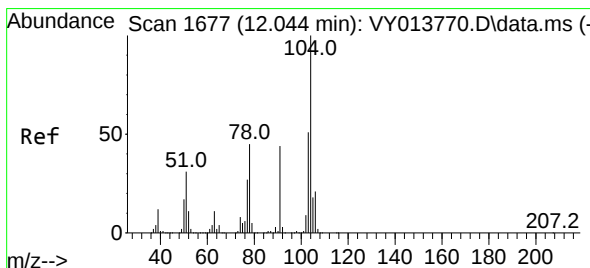
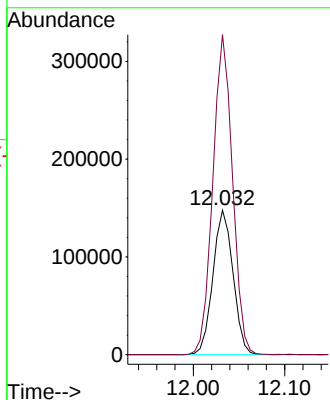
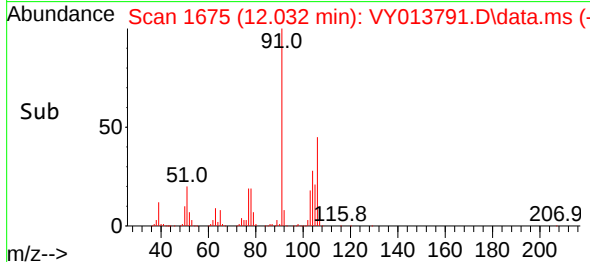
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 225983
Ion Ratio Lower Upper
106 100
91 216.4 108.4 325.2

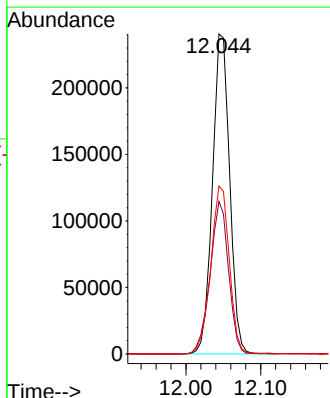
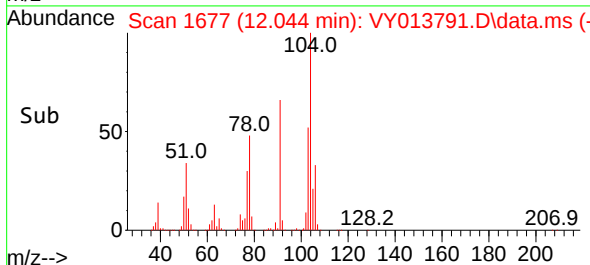
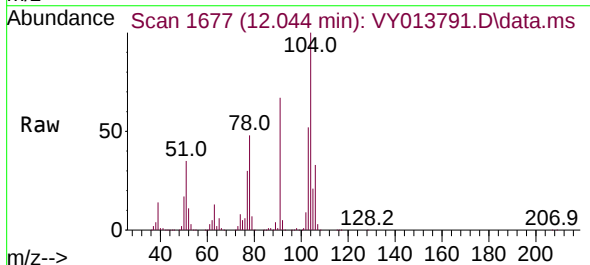
Manual Integrations
APPROVED

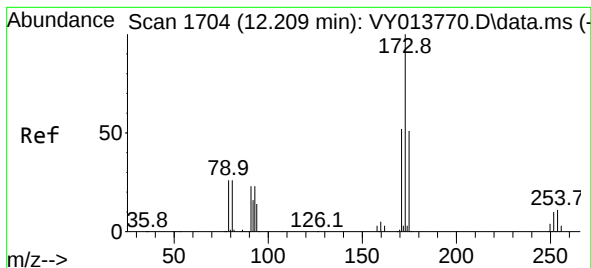
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 52.353 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion:104 Resp: 384903
Ion Ratio Lower Upper
104 100
78 51.1 40.6 61.0
103 56.4 44.6 66.8





#71

Bromoform

Concen: 50.109 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

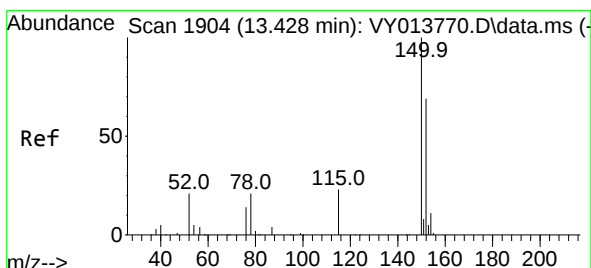
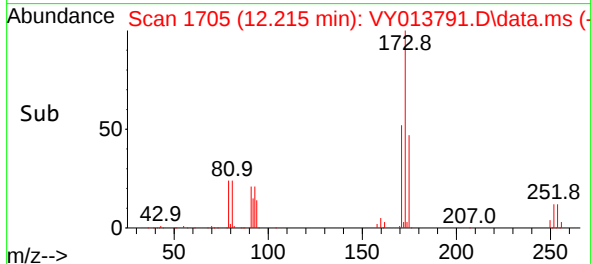
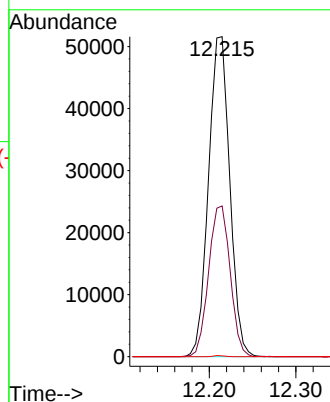
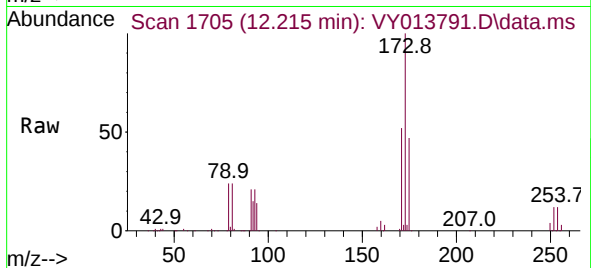
Tgt Ion:173	Resp:	87944
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.9 74.7
254	0.2	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

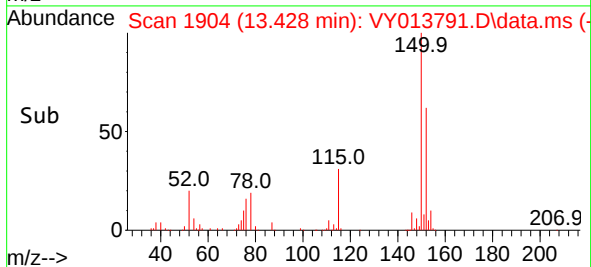
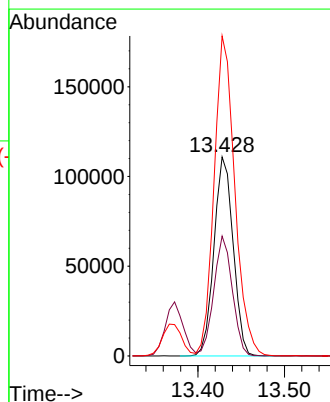
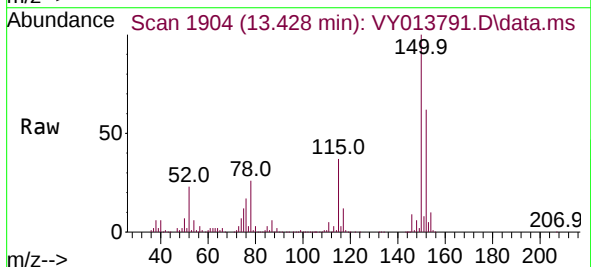
RT: 13.428 min Scan# 1904

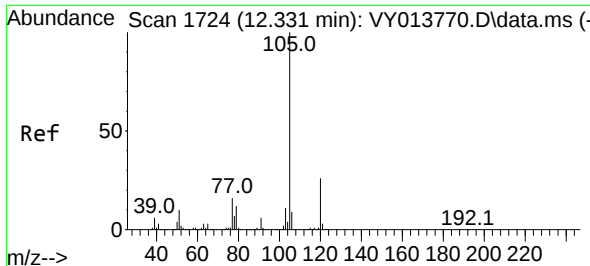
Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

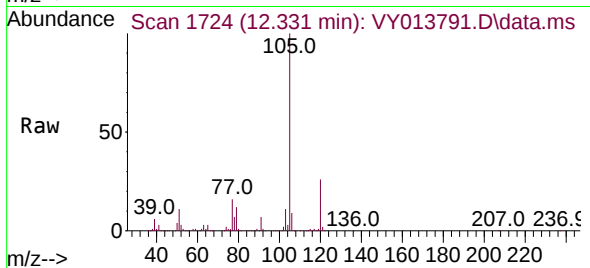
Tgt Ion:152	Resp:	170381
Ion Ratio	Lower	Upper
152	100	
115	58.4	28.5 85.5
150	173.7	0.0 347.0





#73
Isopropylbenzene
Concen: 53.307 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

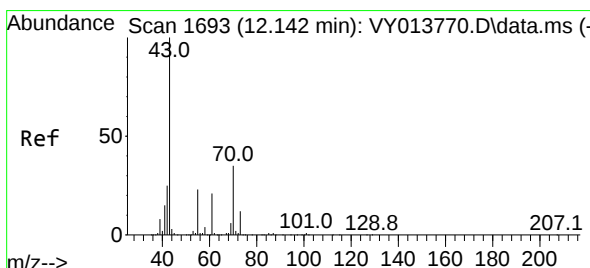
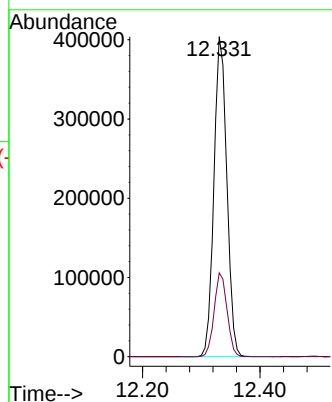
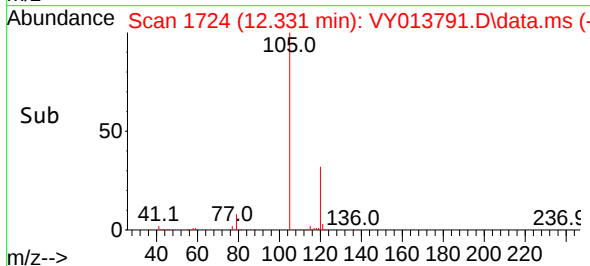
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



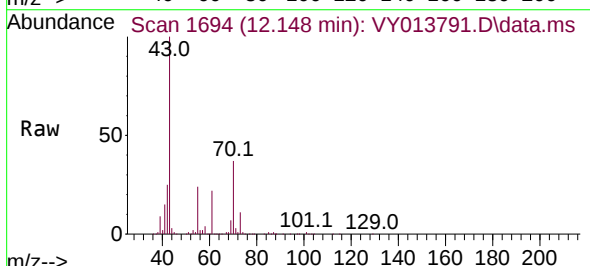
Tgt Ion:105 Resp: 61487
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Manual Integrations
APPROVED

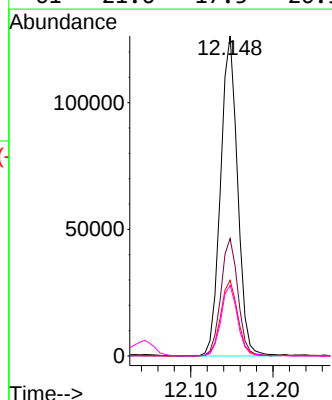
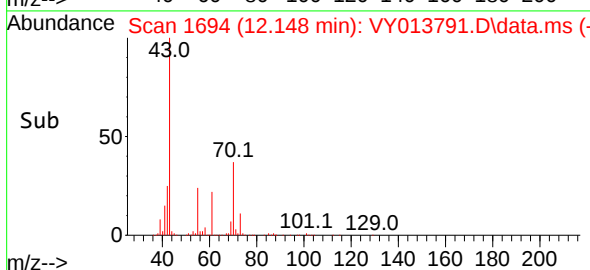
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

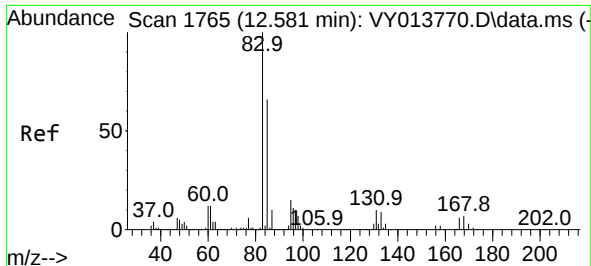


#74
N-ethyl acetate
Concen: 46.383 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



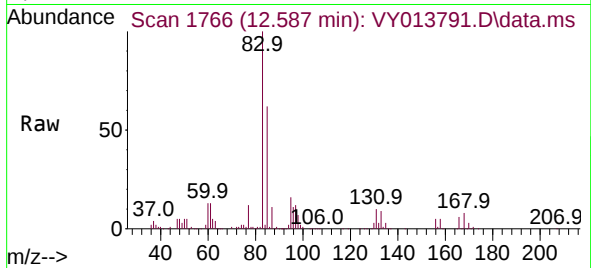
Tgt Ion: 43 Resp: 181561
Ion Ratio Lower Upper
43 100
70 36.8 28.8 43.2
55 23.6 18.5 27.7
61 21.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.454 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

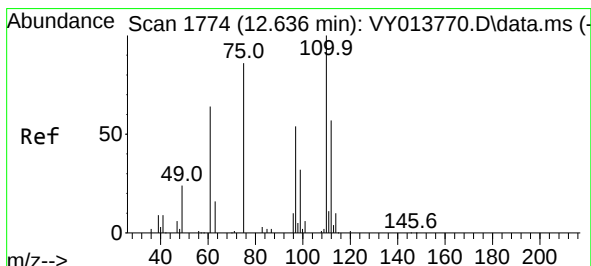
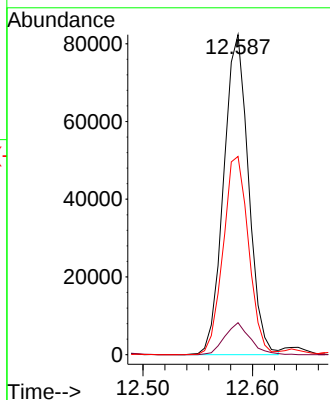
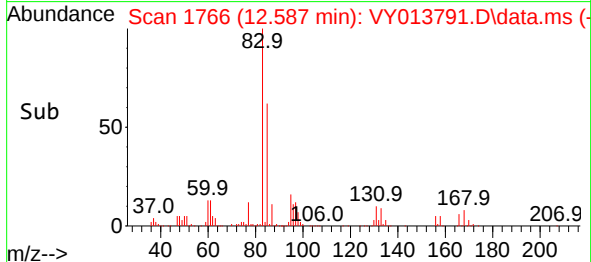
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



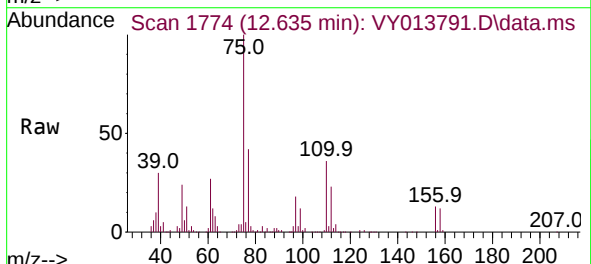
Tgt Ion: 83 Resp: 12966
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 63.6 32.0 96.2

Manual Integrations
APPROVED

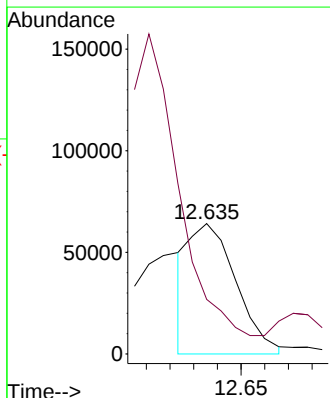
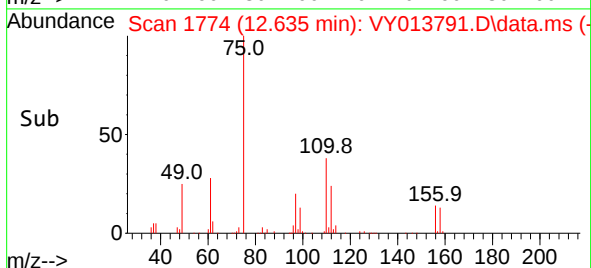
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

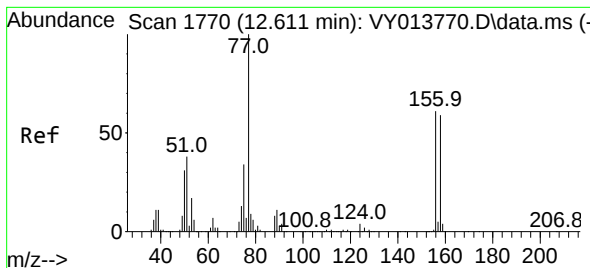


#76
1,2,3-Trichloropropane
Concen: 43.249 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29



Tgt Ion: 75 Resp: 89183
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.893 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

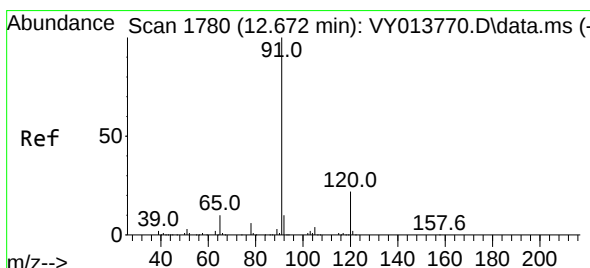
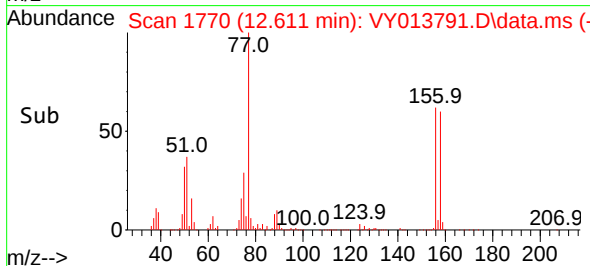
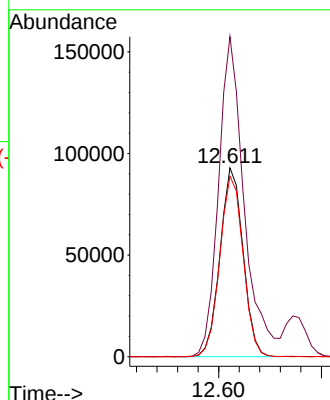
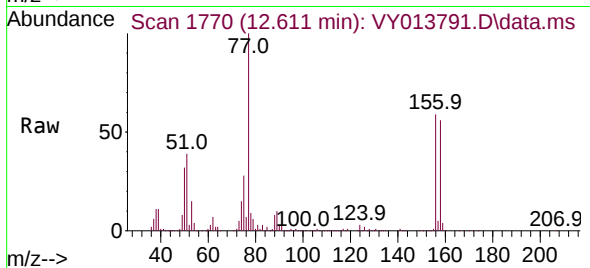
Tgt Ion:	156	Resp:	144392
Ion Ratio	Lower	Upper	
156	100		
77	186.7	97.1	291.3
158	96.7	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#78

n-propylbenzene

Concen: 52.704 ug/l

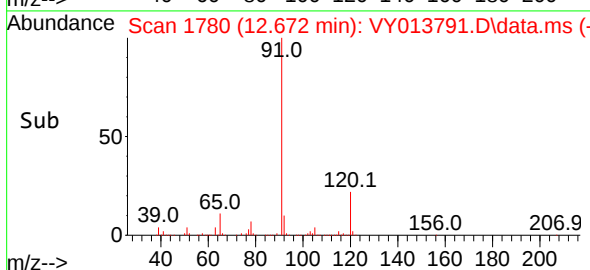
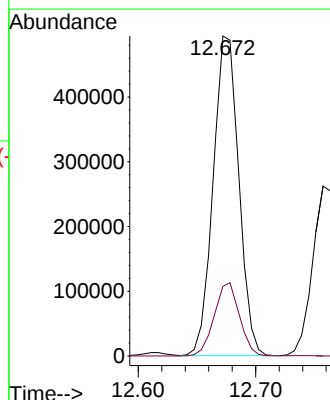
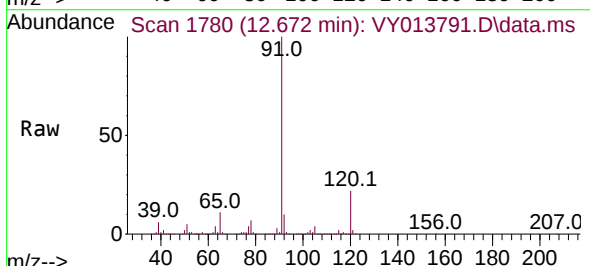
RT: 12.672 min Scan# 1780

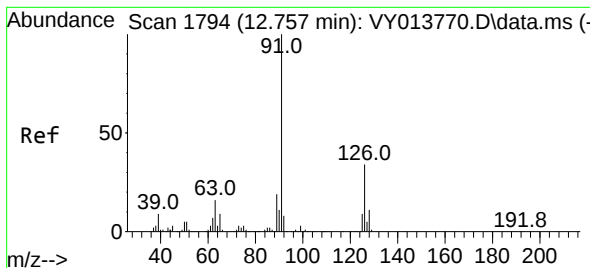
Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion:	91	Resp:	748866
Ion Ratio	Lower	Upper	
91	100		
120	22.5	10.9	32.9





#79

2-Chlorotoluene

Concen: 52.222 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 418779

Ion Ratio Lower Upper

91 100

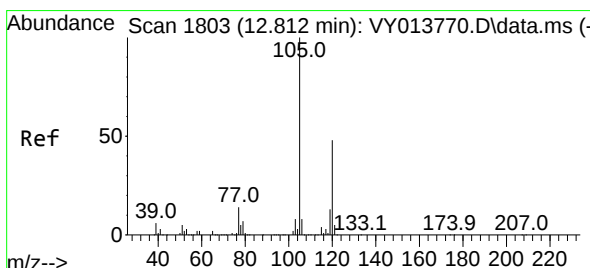
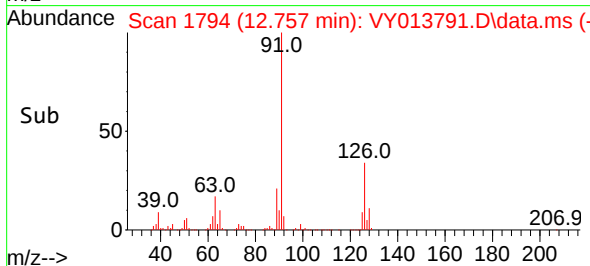
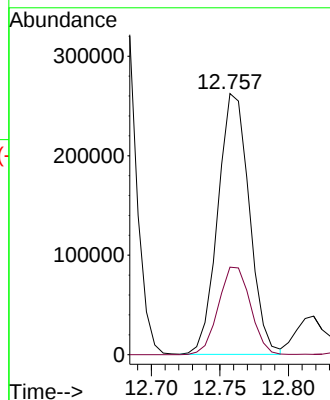
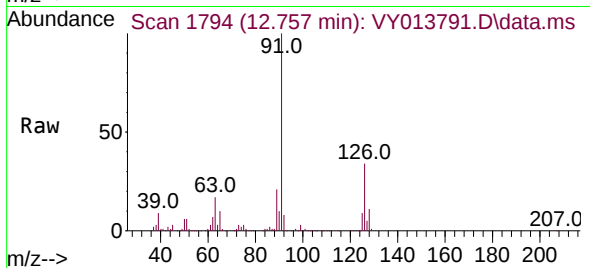
126 34.3 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#80

1,3,5-Trimethylbenzene

Concen: 53.705 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY013791.D

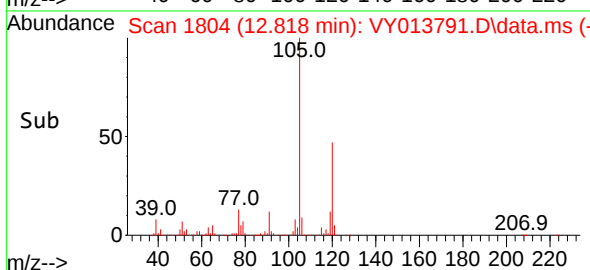
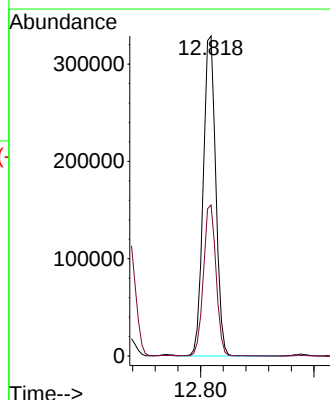
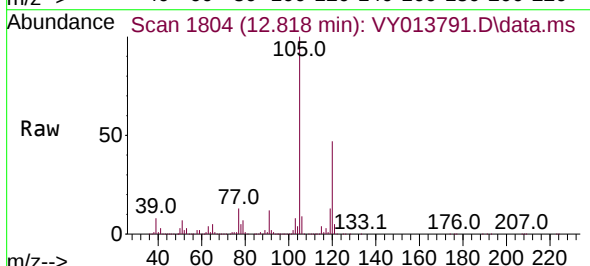
Acq: 18 May 2023 10:29

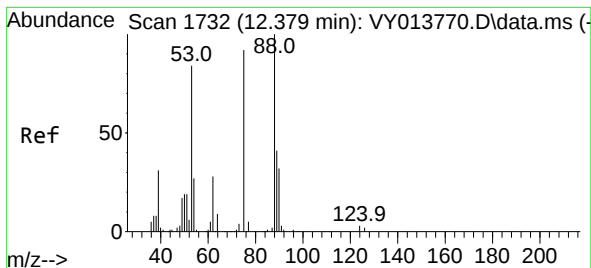
Tgt Ion:105 Resp: 505128

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.5





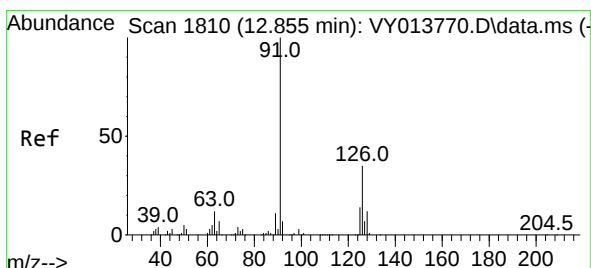
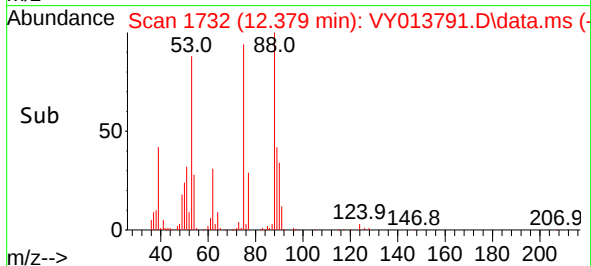
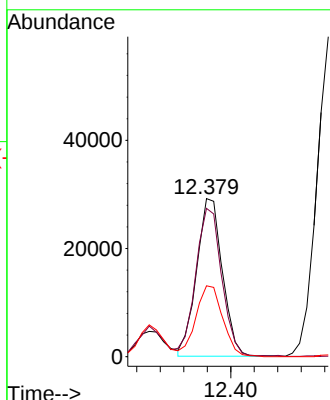
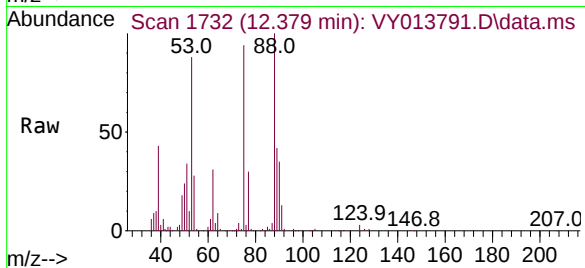
#81
trans-1,4-Dichloro-2-butene
Concen: 47.848 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4431
Ion Ratio Lower Upper
75 100
53 96.7 75.3 112.9
89 47.0 35.4 53.2

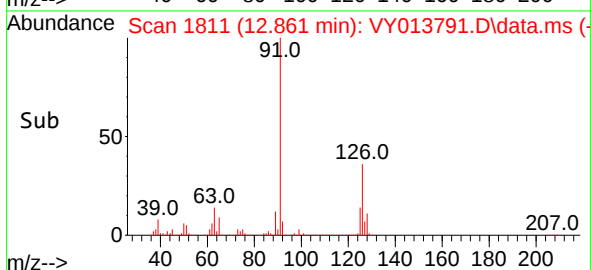
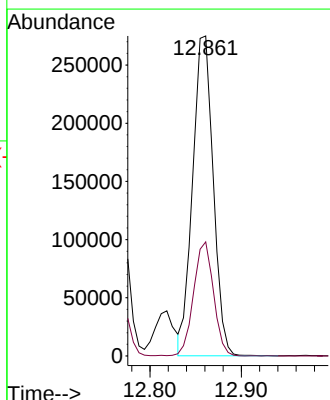
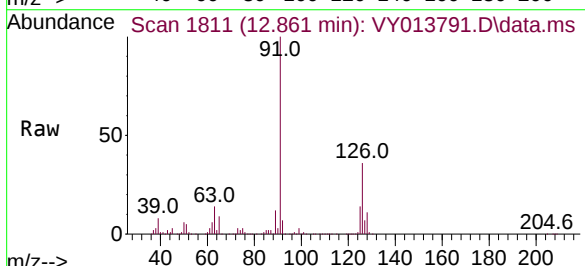
Manual Integrations
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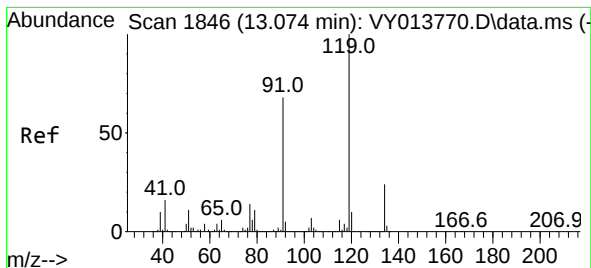
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 51.573 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 91 Resp: 430811
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 54.809 ug/l

RT: 13.080 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 44892

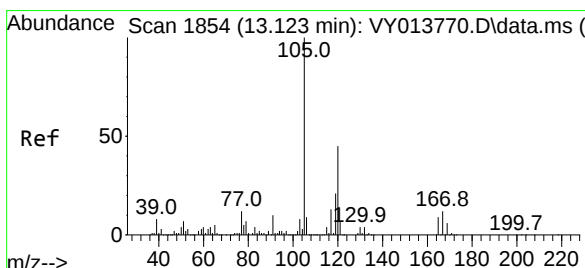
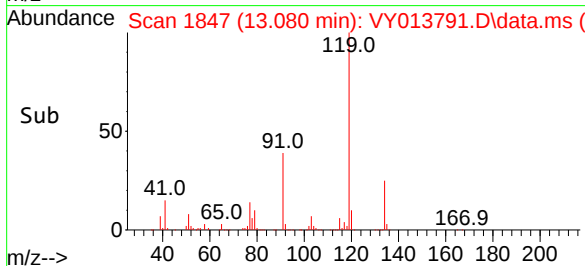
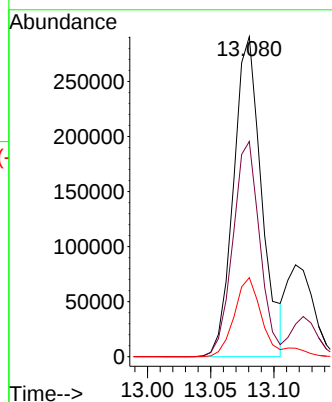
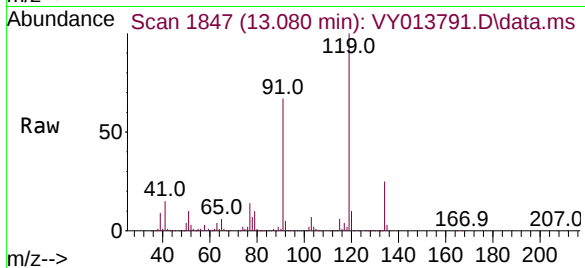
Ion	Ratio	Lower	Upper
119	100		
91	64.7	33.3	99.9
134	25.6	13.1	39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 53.234 ug/l

RT: 13.123 min Scan# 1854

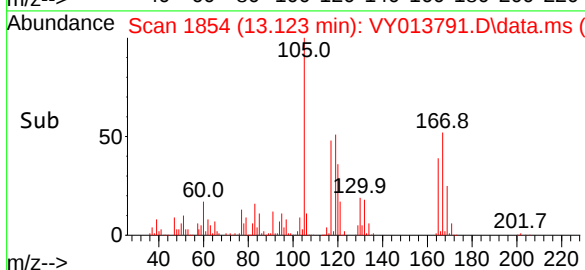
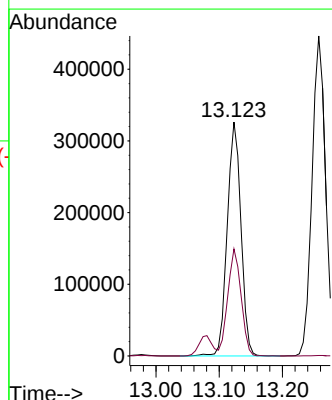
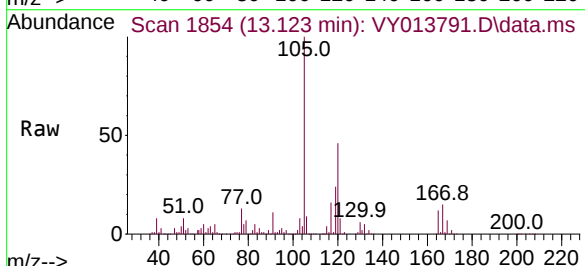
Delta R.T. -0.000 min

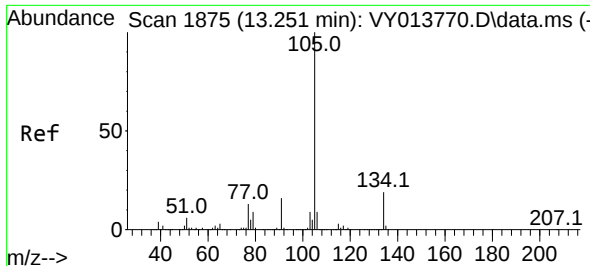
Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion:105 Resp: 490727

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.2	66.6





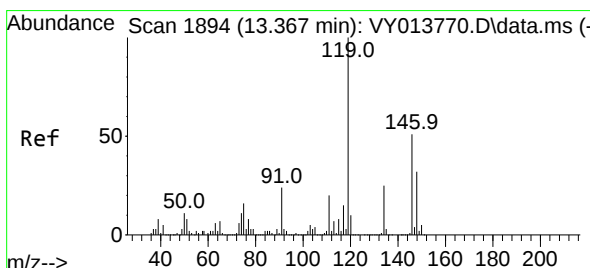
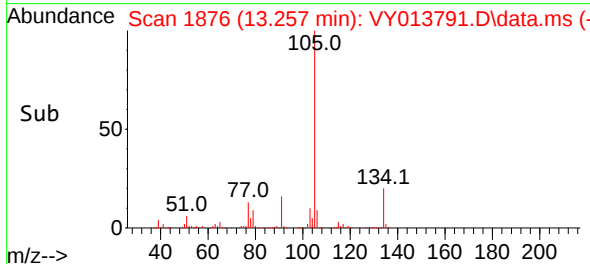
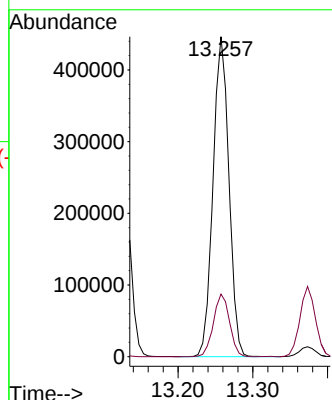
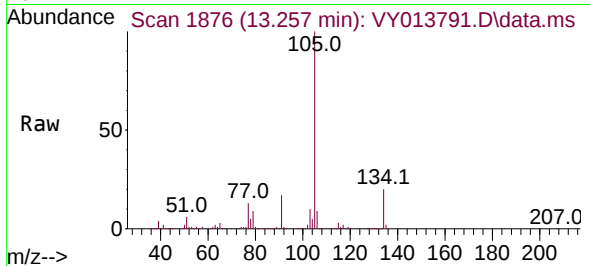
#85
 sec-Butylbenzene
 Concen: 53.327 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 659018
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

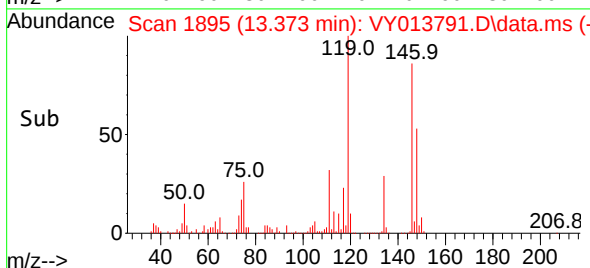
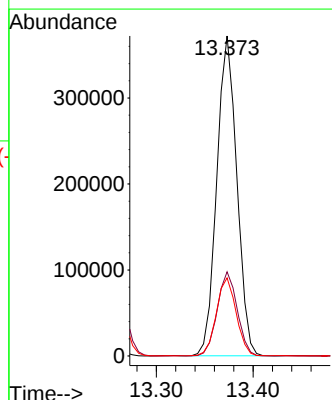
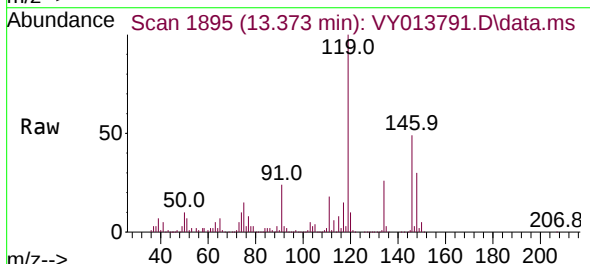
Manual Integrations
 APPROVED

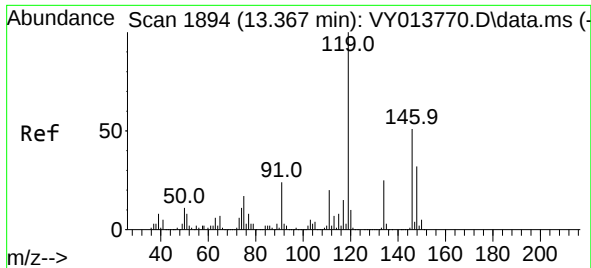
Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#86
 p-Isopropyltoluene
 Concen: 53.608 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013791.D
 Acq: 18 May 2023 10:29

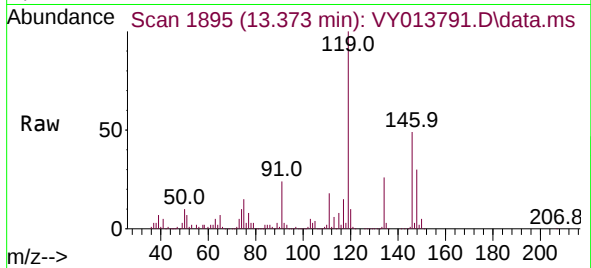
Tgt Ion:119 Resp: 534960
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.1 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 51.580 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

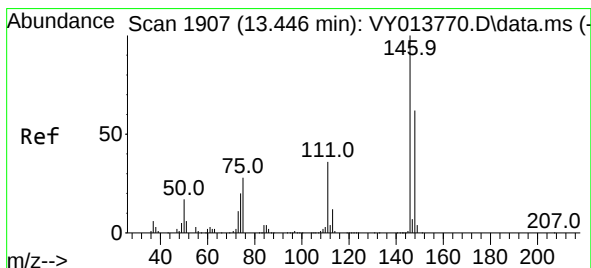
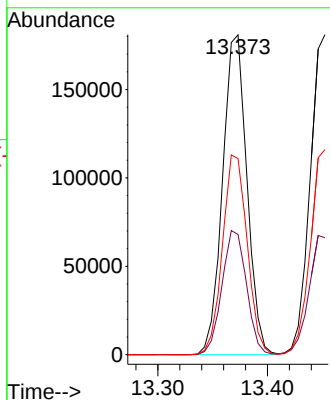
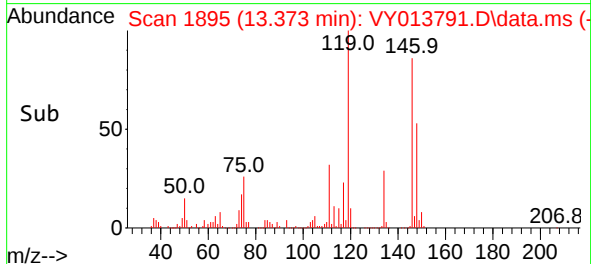
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 27940
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.2 31.9 95.7

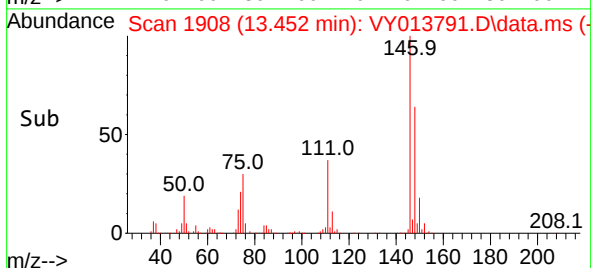
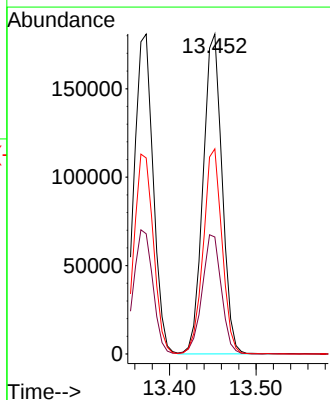
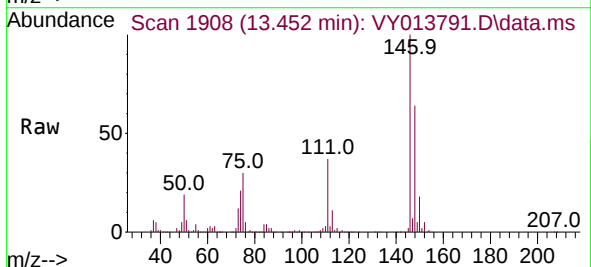
Manual Integrations
APPROVED

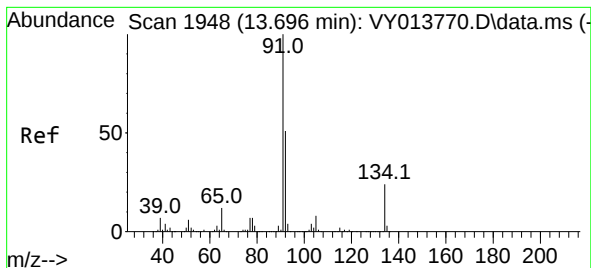
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#88
1,4-Dichlorobenzene
Concen: 50.524 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion:146 Resp: 275195
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 52.964 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

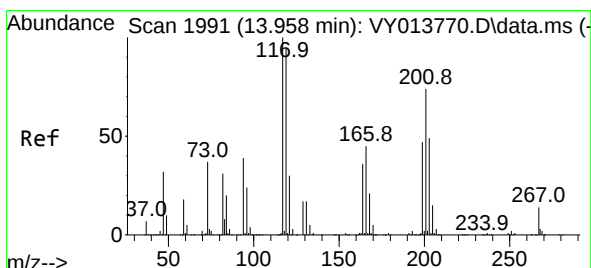
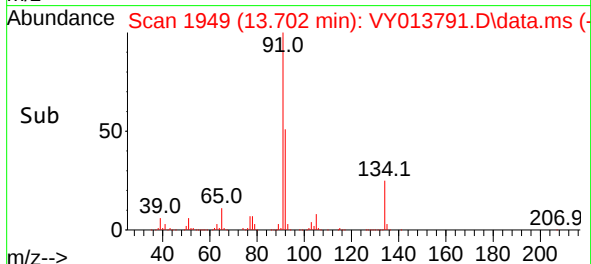
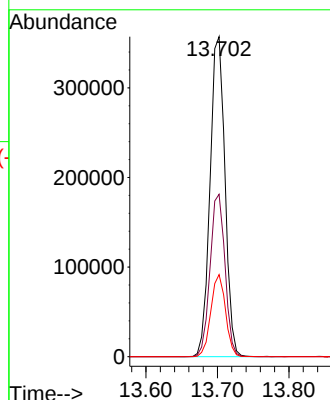
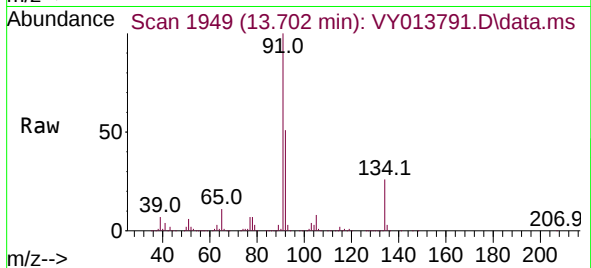
Tgt Ion:	91	Resp:	51818
Ion Ratio	Lower	Upper	
91	100		
92	50.8	25.4	76.4
134	25.2	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#90

Hexachloroethane

Concen: 50.736 ug/l

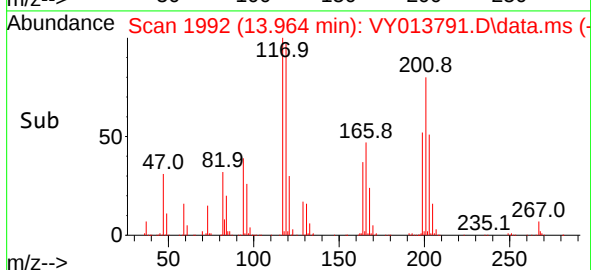
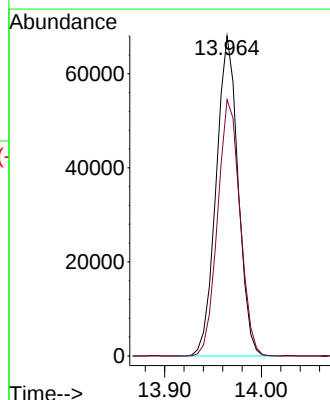
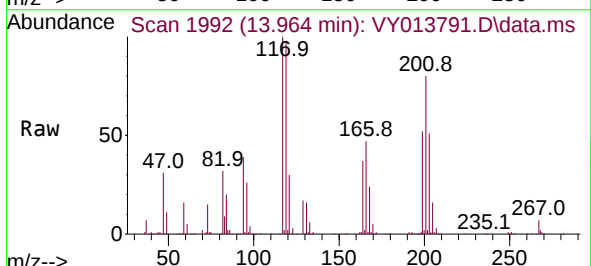
RT: 13.964 min Scan# 1992

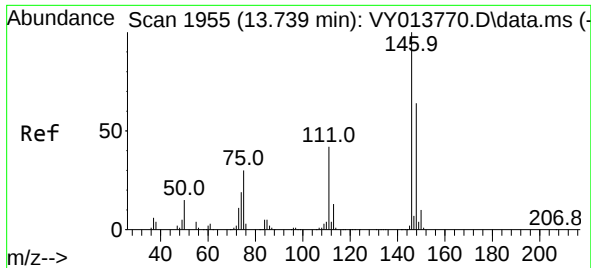
Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion:	117	Resp:	106991
Ion Ratio	Lower	Upper	
117	100		
201	81.8	39.2	117.6





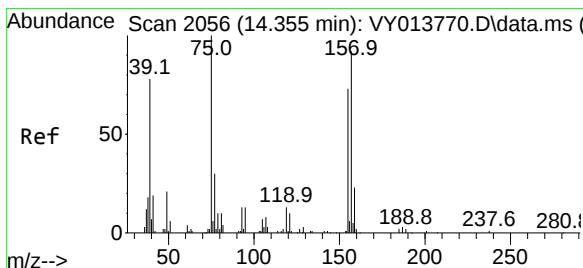
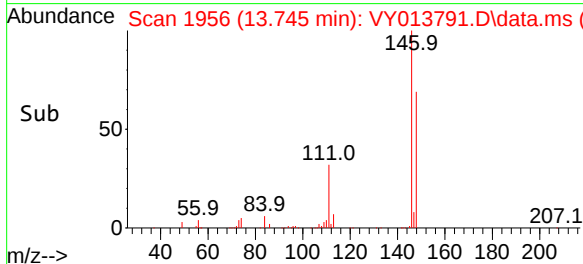
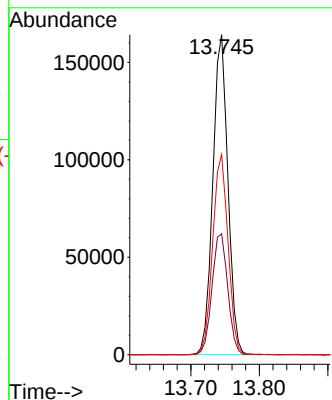
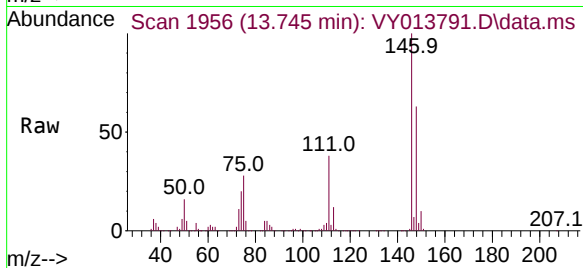
#91
1,2-Dichlorobenzene
Concen: 51.896 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 25032
Ion Ratio Lower Upper
146 100
111 39.6 20.0 59.9
148 63.8 31.9 95.5

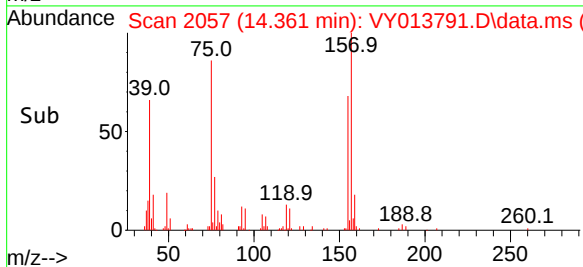
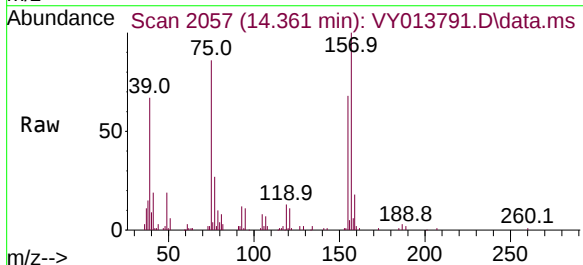
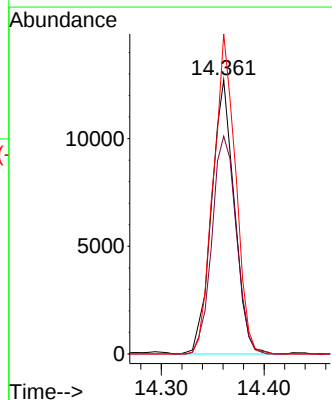
Manual Integrations
APPROVED

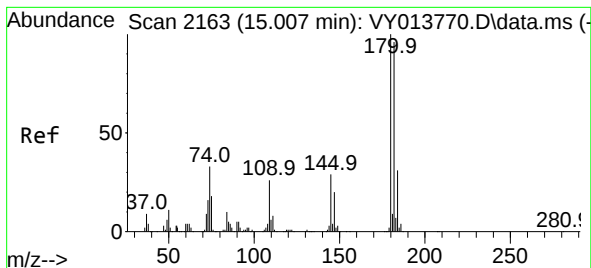
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.323 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013791.D
Acq: 18 May 2023 10:29

Tgt Ion: 75 Resp: 19624
Ion Ratio Lower Upper
75 100
155 84.6 39.1 117.3
157 113.6 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 52.416 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 150038

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

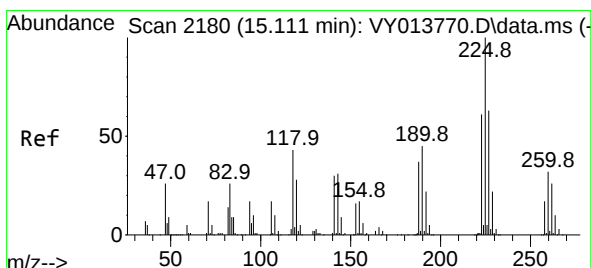
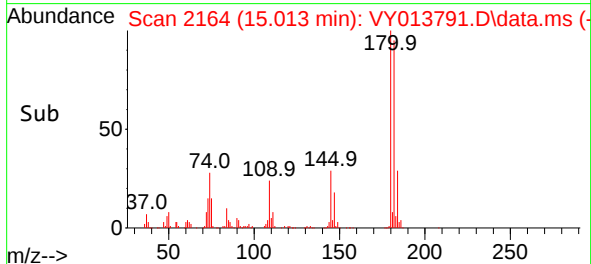
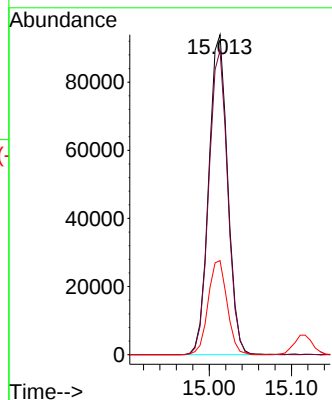
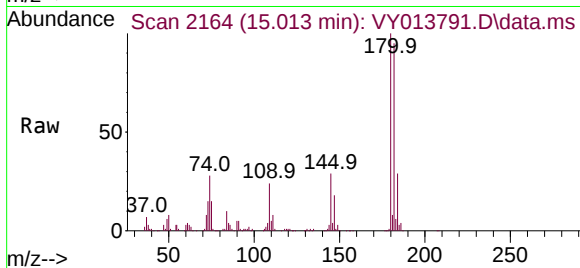
145 29.6 14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#94

Hexachlorobutadiene

Concen: 52.783 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

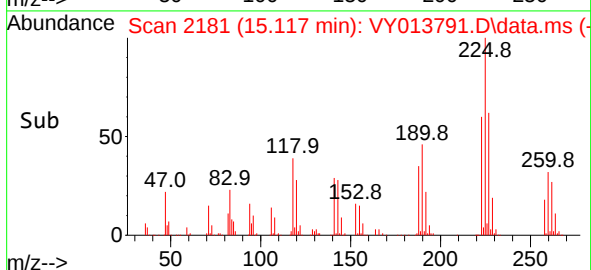
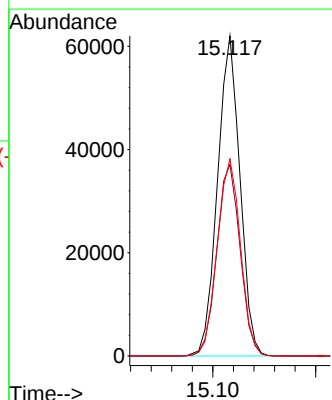
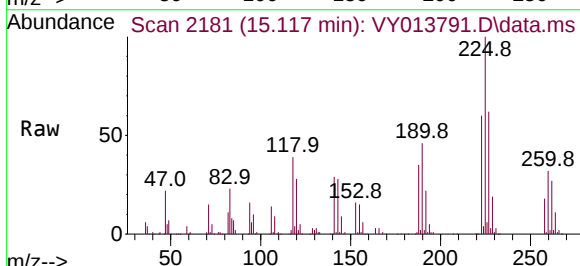
Tgt Ion:225 Resp: 93858

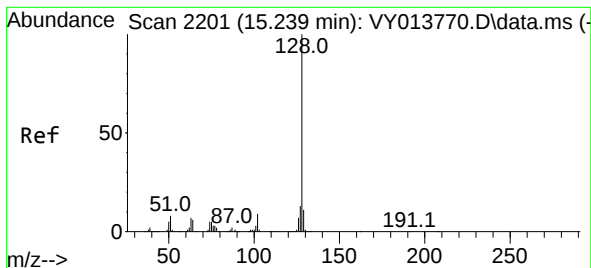
Ion Ratio Lower Upper

225 100

223 62.2 30.6 91.6

227 63.8 31.6 94.7





#95

Naphthalene

Concen: 49.314 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 28016

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

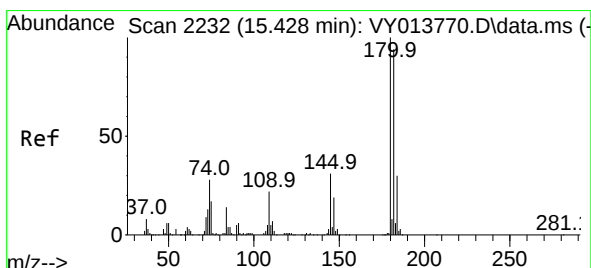
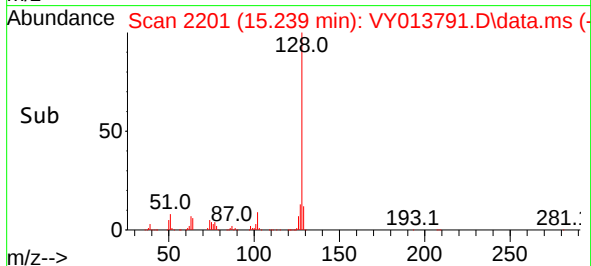
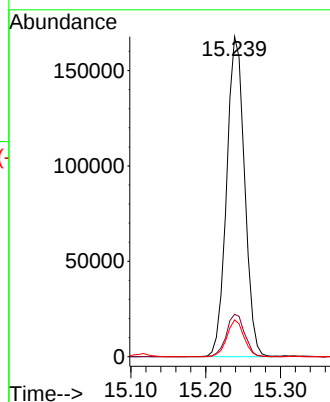
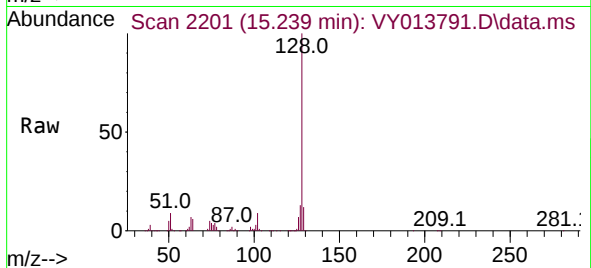
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.244 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY013791.D

Acq: 18 May 2023 10:29

Tgt Ion:180 Resp: 129399

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 31.3 15.6 46.7

