

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013769.D
 Acq On : 17 May 2023 10:59
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 06:37:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	262971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	417035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	371626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61866	20.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.500%#		
35) Dibromofluoromethane	7.716	113	52436	19.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.220%#		
50) Toluene-d8	10.185	98	203648	20.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.180%#		
62) 4-Bromofluorobenzene	12.483	95	67707	20.106	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37214	19.710	ug/l	97
3) Chloromethane	2.113	50	56556	19.758	ug/l	99
4) Vinyl Chloride	2.253	62	55804	19.524	ug/l	97
5) Bromomethane	2.649	94	53151	20.970	ug/l	94
6) Chloroethane	2.796	64	39477	20.094	ug/l	95
7) Trichlorofluoromethane	3.131	101	82945	19.939	ug/l	97
8) Diethyl Ether	3.533	74	28001	20.116	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	49148	20.187	ug/l	97
10) Methyl Iodide	4.094	142	50599	18.917	ug/l	99
11) Tert butyl alcohol	5.003	59	26490m	107.040	ug/l	
12) 1,1-Dichloroethene	3.875	96	43263	19.604	ug/l	96
13) Acrolein	3.728	56	45859	103.730	ug/l	100
14) Allyl chloride	4.478	41	84045	19.333	ug/l	98
15) Acrylonitrile	5.167	53	83784	102.637	ug/l	98
16) Acetone	3.960	43	92065	99.890	ug/l	97
17) Carbon Disulfide	4.198	76	122109	19.256	ug/l	98
18) Methyl Acetate	4.484	43	66100	20.571	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	131417	19.628	ug/l	100
20) Methylene Chloride	4.716	84	64823	19.598	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	48721	19.607	ug/l	97
22) Diisopropyl ether	6.118	45	182657	19.753	ug/l	97
23) Vinyl Acetate	6.063	43	525207	98.153	ug/l	99
24) 1,1-Dichloroethane	6.021	63	99769	19.737	ug/l	98
25) 2-Butanone	6.990	43	122754	102.456	ug/l	98
26) 2,2-Dichloropropane	6.984	77	83133	19.253	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	56048	19.142	ug/l	96
28) Bromochloromethane	7.338	49	36021	20.366	ug/l	99
29) Tetrahydrofuran	7.350	42	73115	101.990	ug/l	99
30) Chloroform	7.508	83	98923	19.420	ug/l	96
31) Cyclohexane	7.789	56	84209	19.226	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	86070	19.795	ug/l	100
36) 1,1-Dichloropropene	7.917	75	71791	19.429	ug/l	99
37) Ethyl Acetate	7.081	43	50061	19.696	ug/l	99
38) Carbon Tetrachloride	7.905	117	75766	19.437	ug/l	98
39) Methylcyclohexane	9.185	83	80742	19.225	ug/l	96
40) Benzene	8.161	78	208110	19.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26099	21.285	ug/l #	78
42) 1,2-Dichloroethane	8.240	62	68198	19.657	ug/l	100
43) Isopropyl Acetate	8.276	43	92412	20.032	ug/l	99
44) Trichloroethene	8.941	130	54084	19.268	ug/l	98
45) 1,2-Dichloropropane	9.221	63	58174	19.716	ug/l	96
46) Dibromomethane	9.307	93	32291	19.540	ug/l	99
47) Bromodichloromethane	9.502	83	76960	19.665	ug/l	98
48) Methyl methacrylate	9.295	41	42519	20.064	ug/l	99
49) 1,4-Dioxane	9.307	88	8389	413.624	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	263410	102.535	ug/l	100
52) Toluene	10.246	92	127019	19.513	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	78867	19.546	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	87473	19.429	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	44867	19.962	ug/l	95
56) Ethyl methacrylate	10.514	69	58535	19.515	ug/l	98
57) 1,3-Dichloropropane	10.794	76	76762	19.852	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	116578	107.278	ug/l	99
59) 2-Hexanone	10.837	43	192393	105.359	ug/l	100
60) Dibromochloromethane	10.989	129	53477	19.636	ug/l	100
61) 1,2-Dibromoethane	11.087	107	42675	20.135	ug/l	100
64) Tetrachloroethene	10.721	164	45631	19.356	ug/l	96
65) Chlorobenzene	11.520	112	135400	19.249	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	53681	19.641	ug/l	99
67) Ethyl Benzene	11.593	91	243169	19.455	ug/l	98
68) m/p-Xylenes	11.703	106	184678	39.448	ug/l	99
69) o-Xylene	12.032	106	87521	19.653	ug/l	99
70) Styrene	12.044	104	150845	19.943	ug/l	99
71) Bromoform	12.209	173	35401	19.606	ug/l #	99
73) Isopropylbenzene	12.331	105	234614	19.149	ug/l	99
74) N-amyl acetate	12.148	43	81678	19.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	57720	19.887	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	47274m	21.636	ug/l	
77) Bromobenzene	12.611	156	57949	19.606	ug/l	99
78) n-propylbenzene	12.672	91	293092	19.419	ug/l	99
79) 2-Chlorotoluene	12.757	91	164019	19.255	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	195366	19.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19528	19.849	ug/l	99
82) 4-Chlorotoluene	12.855	91	172916	19.488	ug/l	99
83) tert-Butylbenzene	13.074	119	164512	18.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	193486	19.760	ug/l	100
85) sec-Butylbenzene	13.257	105	257824	19.641	ug/l	99
86) p-Isopropyltoluene	13.373	119	209625	19.776	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	113236	19.680	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	114216	19.741	ug/l	98
89) n-Butylbenzene	13.702	91	202061	19.443	ug/l	100
90) Hexachloroethane	13.964	117	44285	19.770	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	100717	19.657	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9813	20.866	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	60942	20.043	ug/l	99
94) Hexachlorobutadiene	15.117	225	38812	20.548	ug/l	99
95) Naphthalene	15.239	128	120650	19.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55488	20.283	ug/l	98

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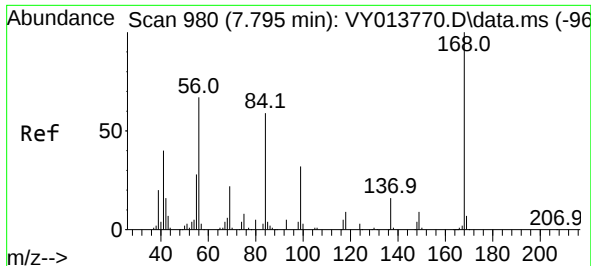
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/18/2023

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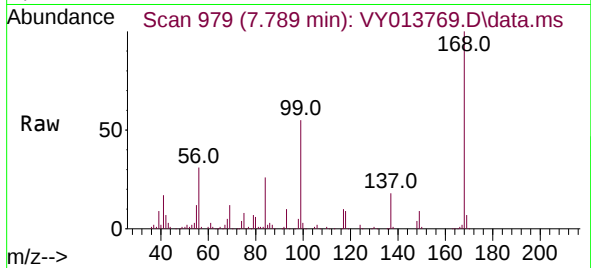
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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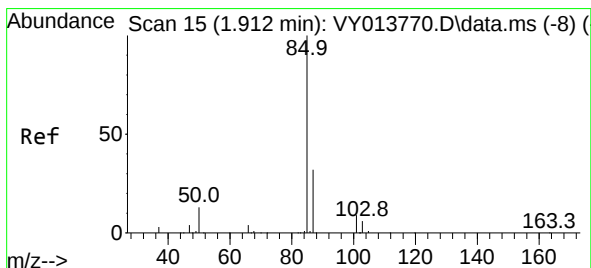
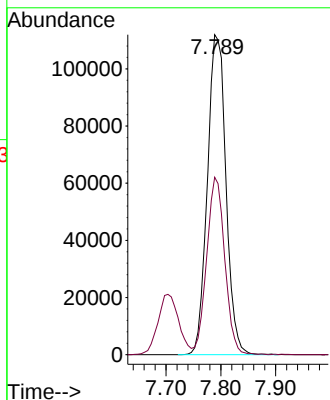
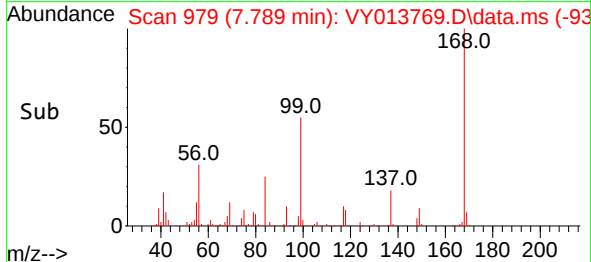
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ClientSampleId :
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Tgt Ion:168 Resp: 26297
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0

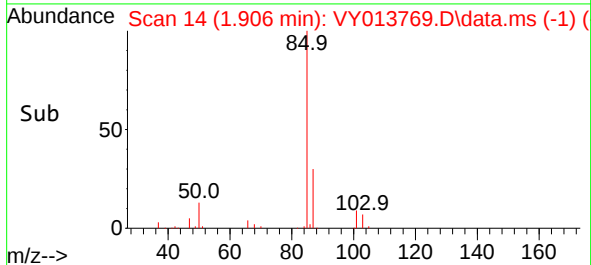
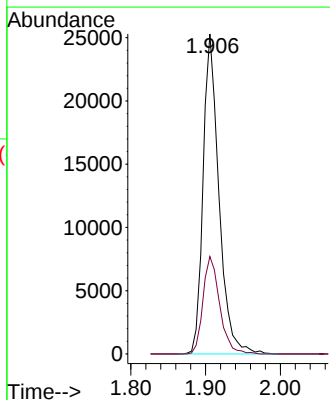
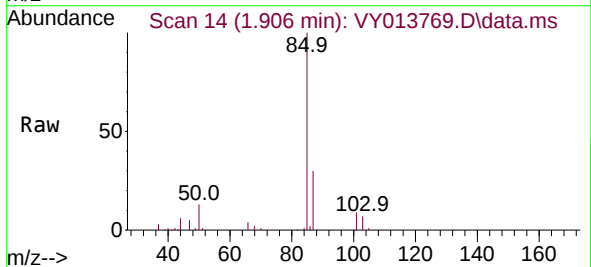
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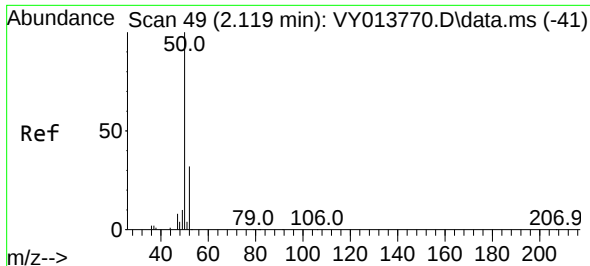
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#2
Dichlorodifluoromethane
Concen: 19.710 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

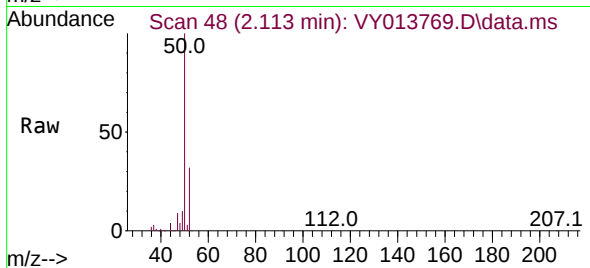
Tgt Ion: 85 Resp: 37214
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





#3
Chloromethane
Concen: 19.758 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

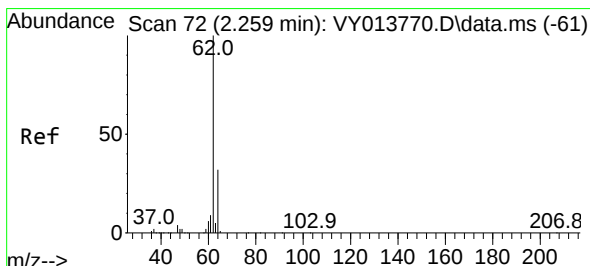
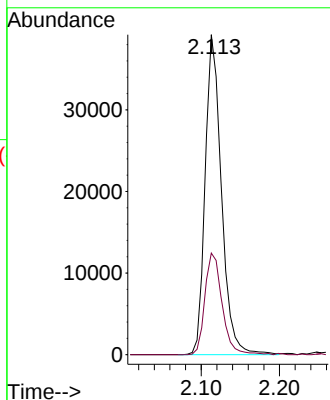
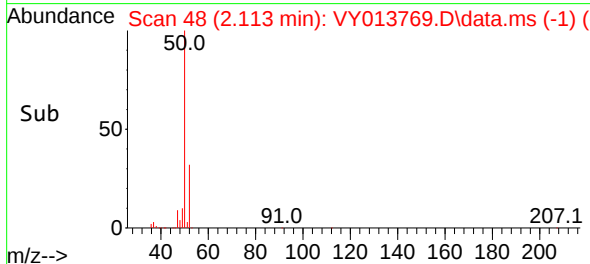
Instrument :
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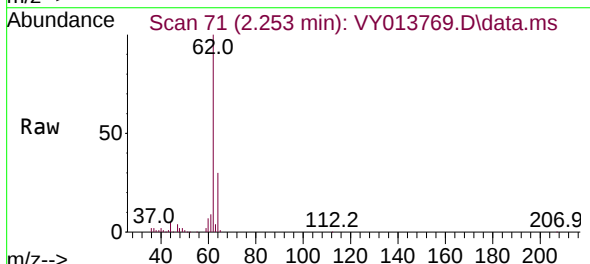
Tgt Ion: 50 Resp: 56550
Ion Ratio Lower Upper
50 100
52 31.7 26.0 39.0

Manual Integrations
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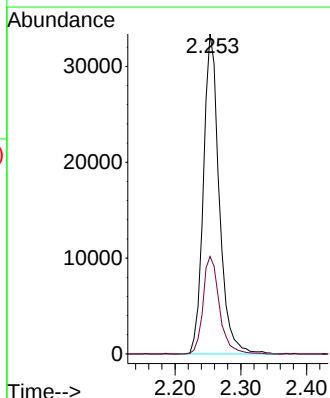
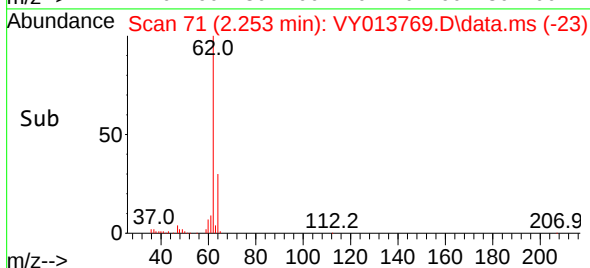
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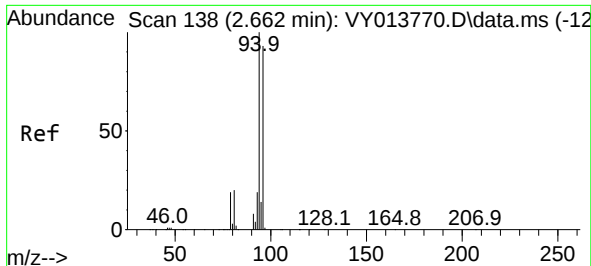


#4
Vinyl Chloride
Concen: 19.524 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 62 Resp: 55804
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6





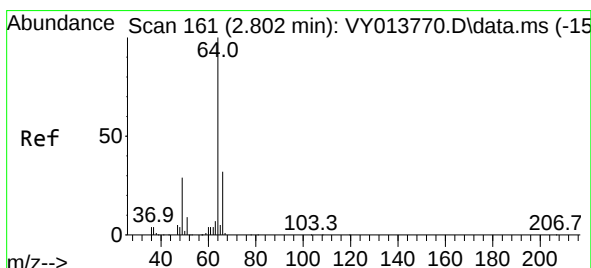
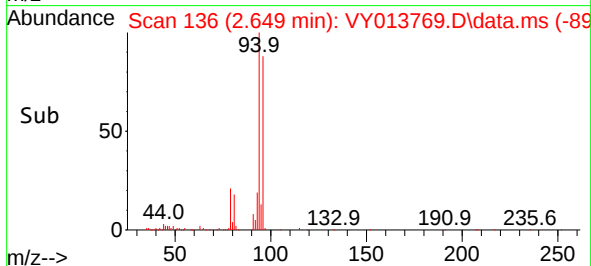
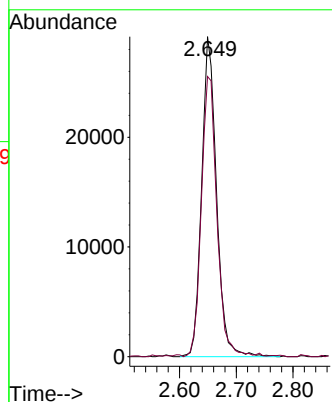
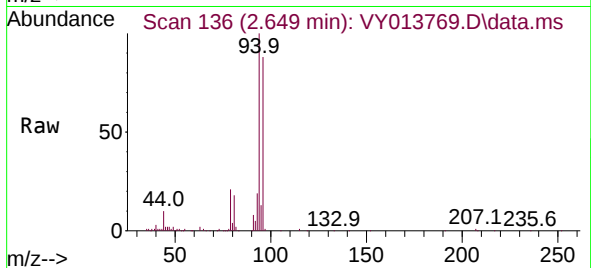
#5
Bromomethane
Concen: 20.970 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
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Tgt Ion: 94 Resp: 5315
Ion Ratio Lower Upper
94 100
96 87.1 74.2 111.4

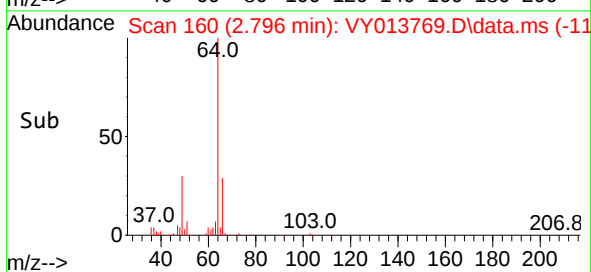
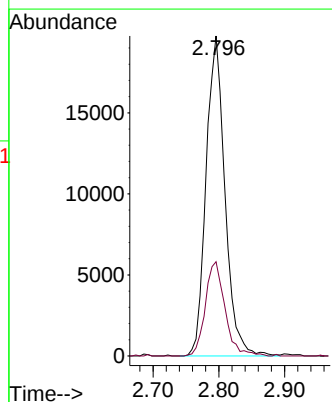
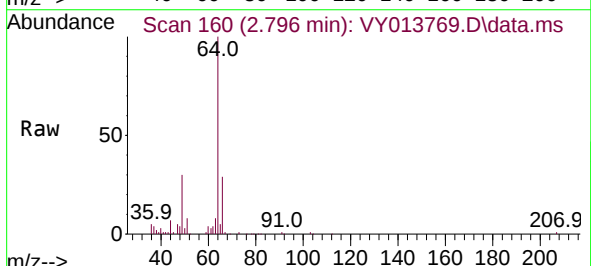
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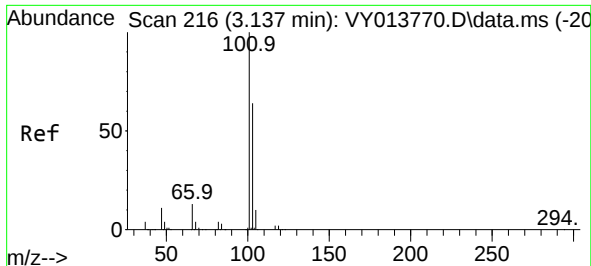
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#6
Chloroethane
Concen: 20.094 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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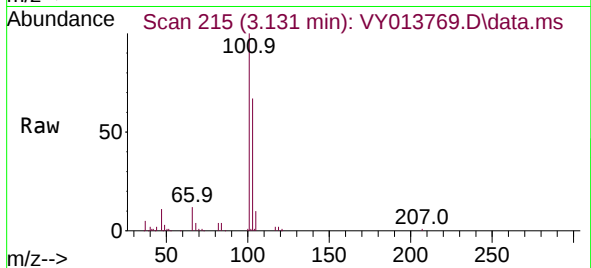
Tgt Ion: 64 Resp: 39477
Ion Ratio Lower Upper
64 100
66 29.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 19.939 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY013769.D
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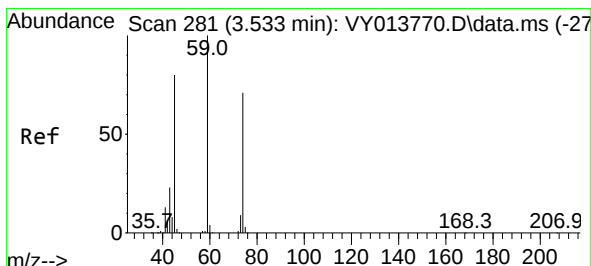
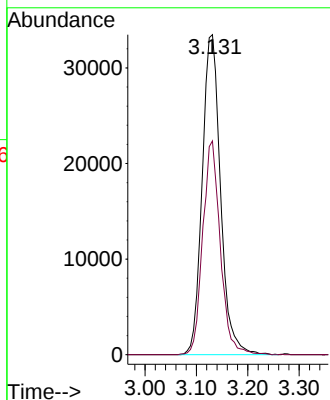
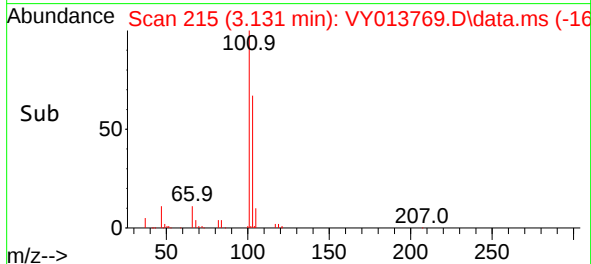
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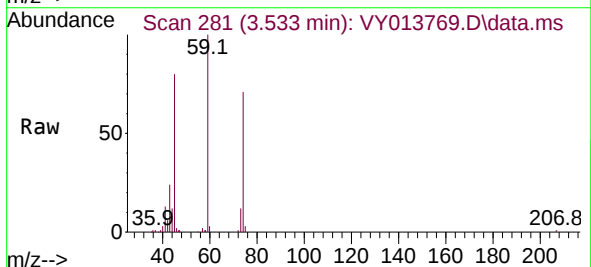
Tgt Ion:101 Resp: 82945
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.0

Manual Integrations
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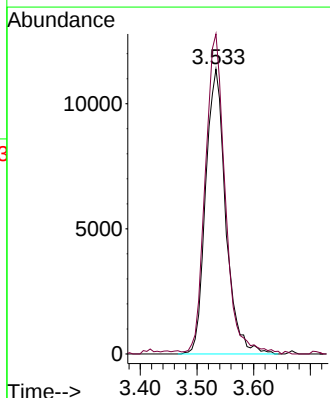
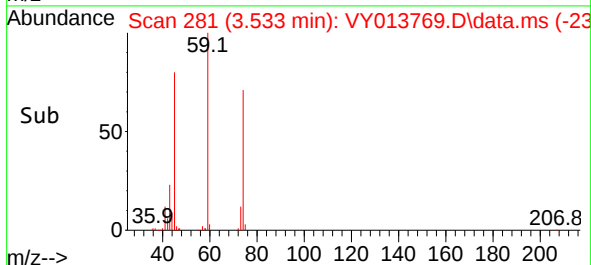
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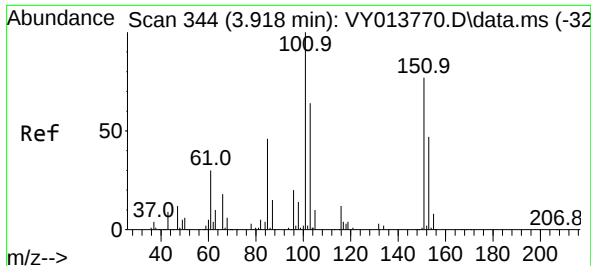


#8
Diethyl Ether
Concen: 20.116 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 28001
Ion Ratio Lower Upper
74 100
45 111.8 56.1 168.3





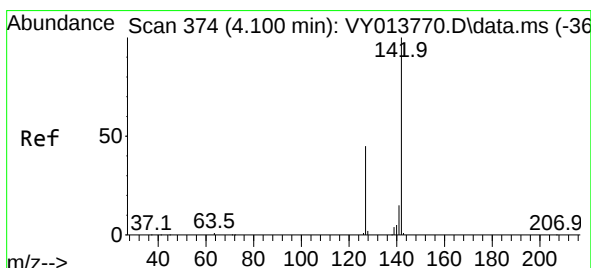
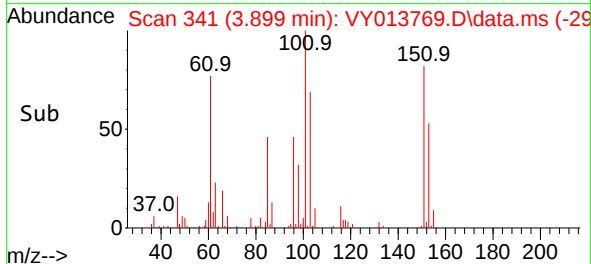
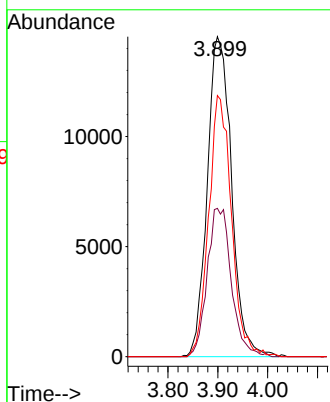
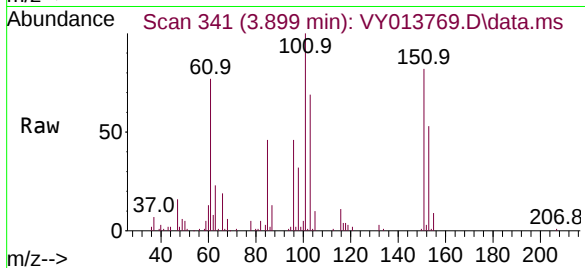
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4914
Ion Ratio Lower Upper
101 100
85 46.2 37.8 56.8
151 76.4 64.2 96.2

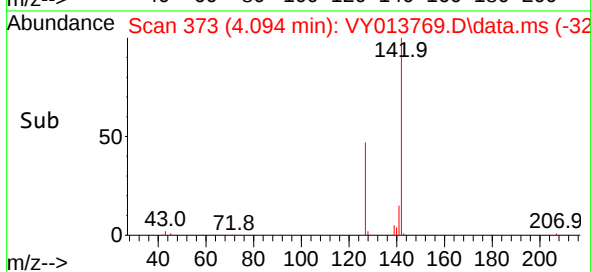
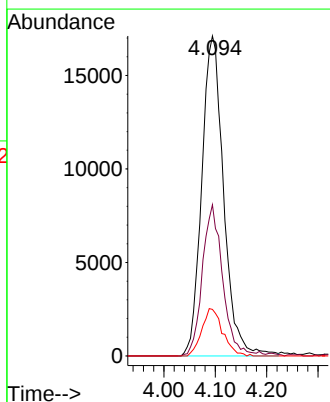
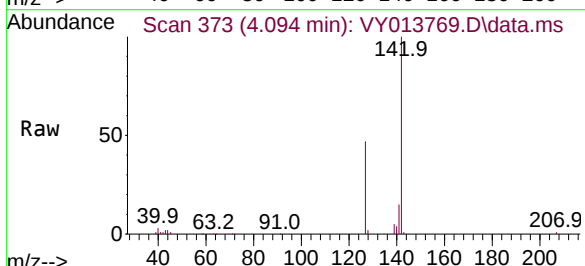
Manual Integrations
APPROVED

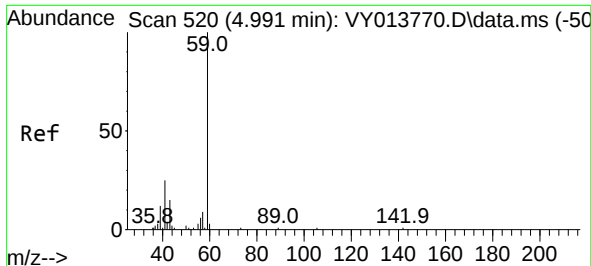
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#10
Methyl Iodide
Concen: 18.917 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion:142 Resp: 50599
Ion Ratio Lower Upper
142 100
127 43.7 35.4 53.2
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 107.040 ug/l m

RT: 5.003 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 26490

Ion Ratio Lower Upper

59 100

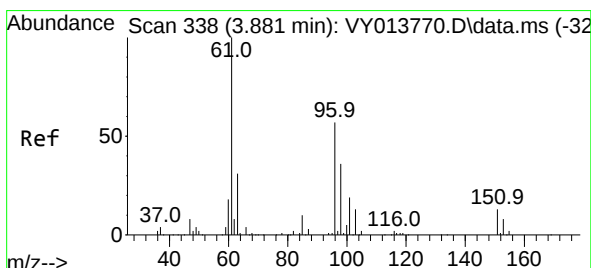
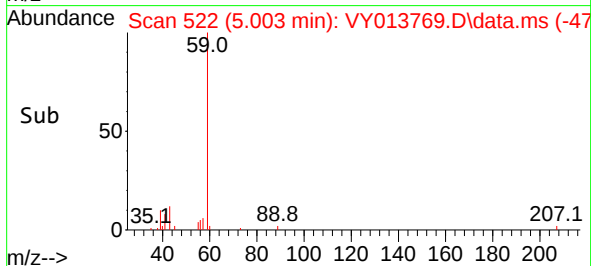
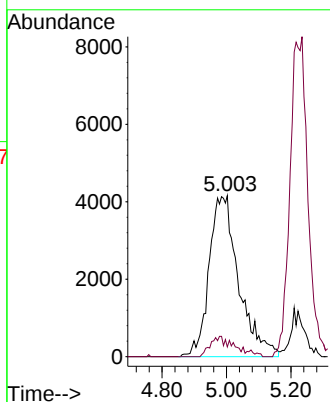
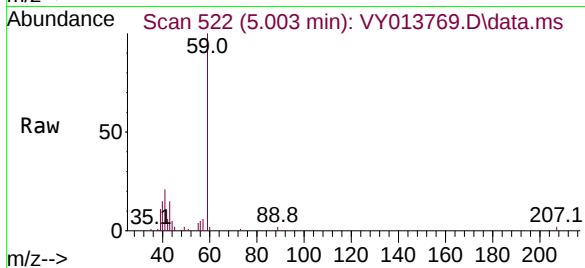
57 6.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#12

1,1-Dichloroethene

Concen: 19.604 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

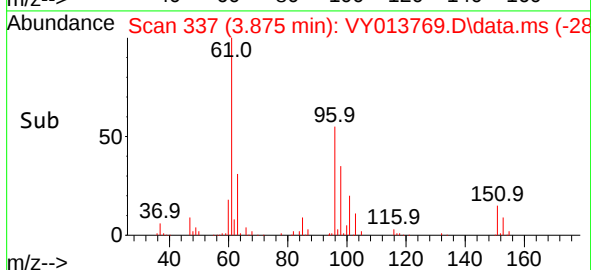
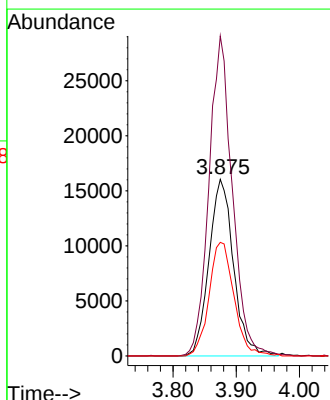
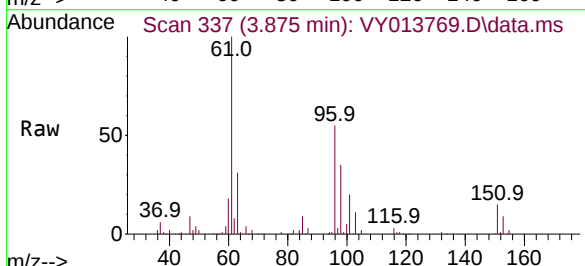
Tgt Ion: 96 Resp: 43263

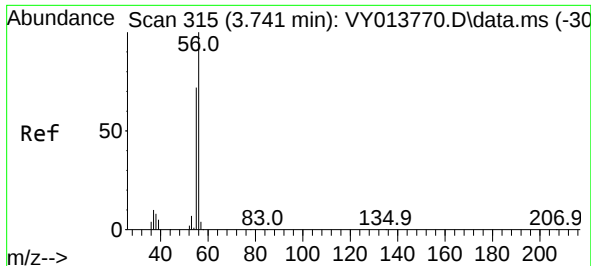
Ion Ratio Lower Upper

96 100

61 181.2 139.8 209.6

98 64.3 49.7 74.5





#13

Acrolein

Concen: 103.730 ug/l

RT: 3.728 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 4585

Ion Ratio Lower Upper

56 100

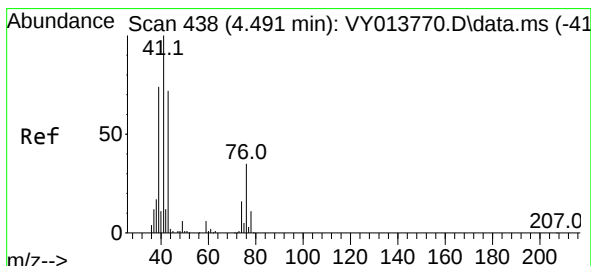
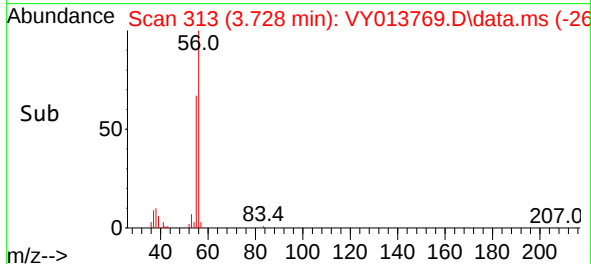
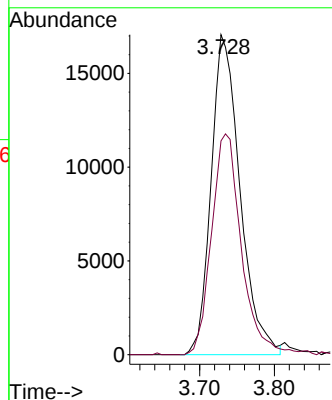
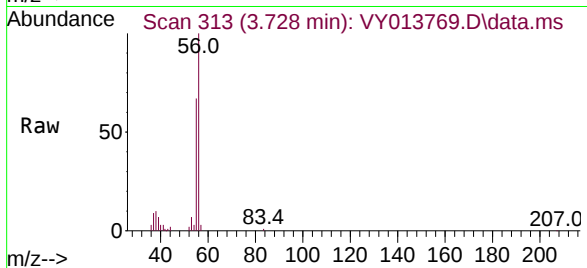
55 71.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#14

Allyl chloride

Concen: 19.333 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

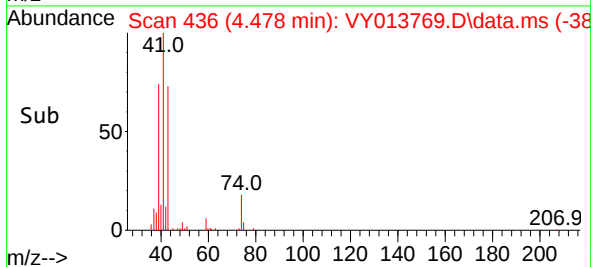
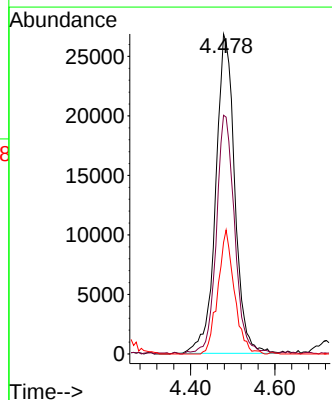
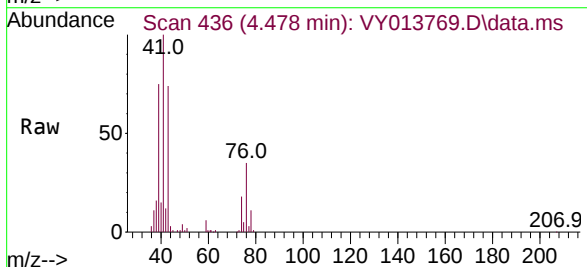
Tgt Ion: 41 Resp: 84045

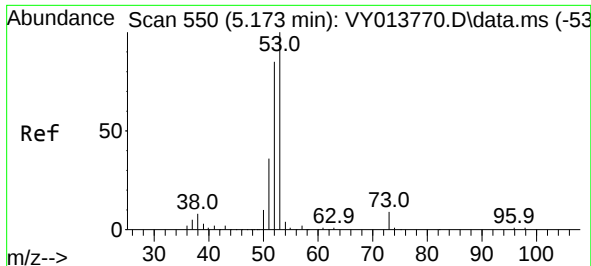
Ion Ratio Lower Upper

41 100

39 72.0 55.8 83.6

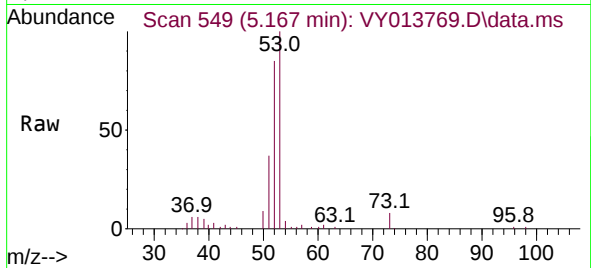
76 33.5 26.2 39.2





#15
Acrylonitrile
Concen: 102.637 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

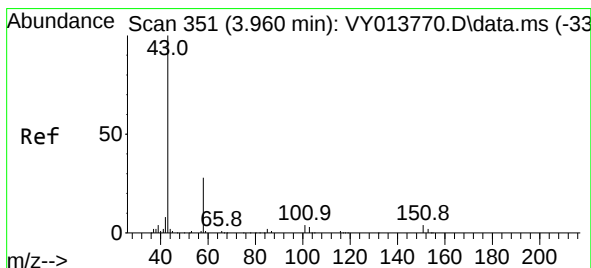
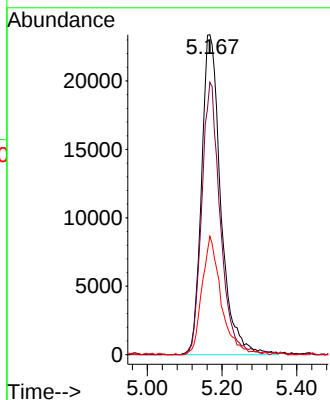
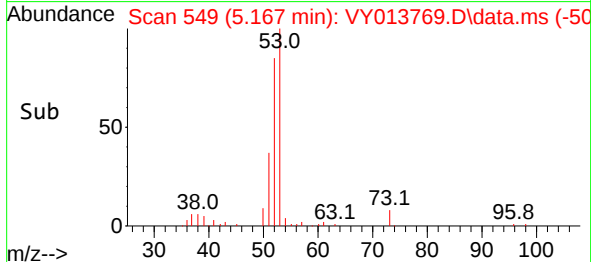
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



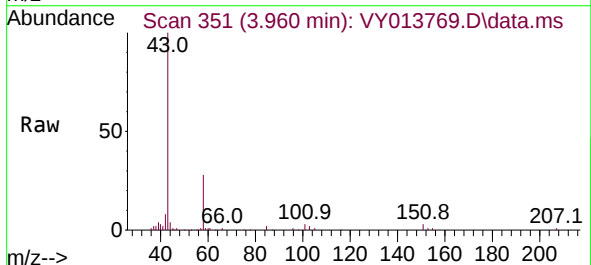
Tgt Ion: 53 Resp: 83784
Ion Ratio Lower Upper
53 100
52 81.6 66.5 99.7
51 36.4 30.1 45.1

Manual Integrations
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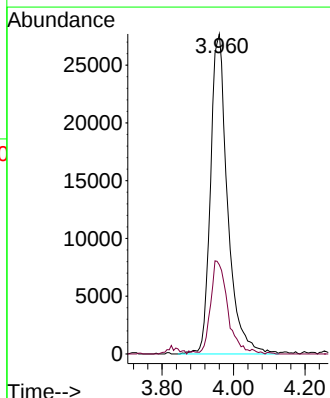
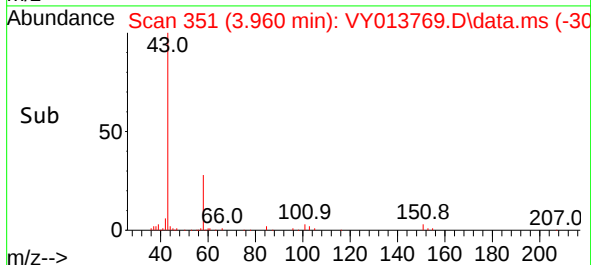
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

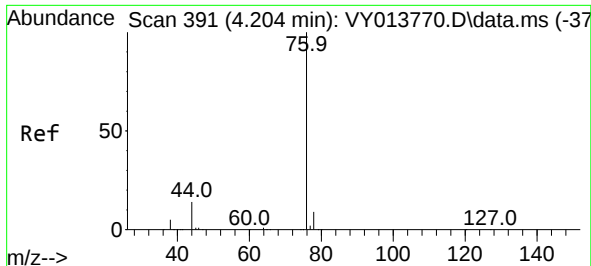


#16
Acetone
Concen: 99.890 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 43 Resp: 92065
Ion Ratio Lower Upper
43 100
58 27.8 23.7 35.5





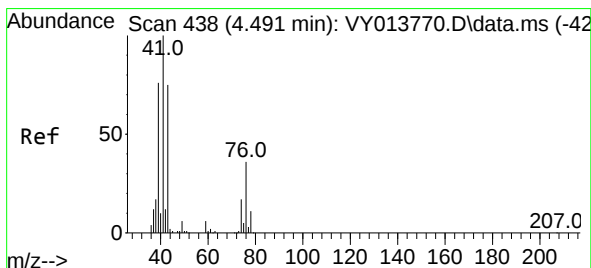
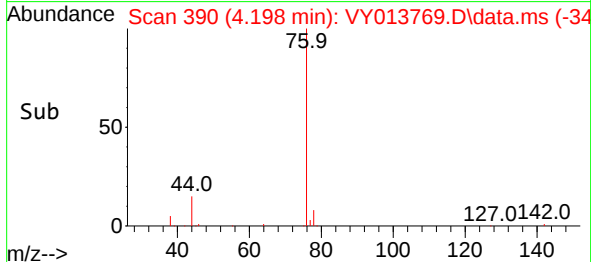
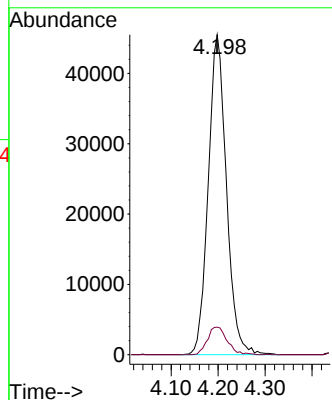
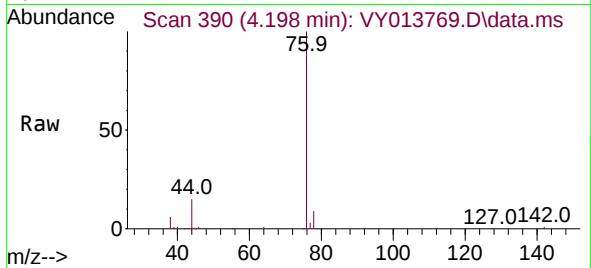
#17
Carbon Disulfide
Concen: 19.256 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 122109
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

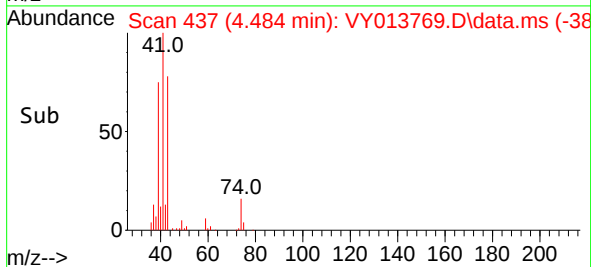
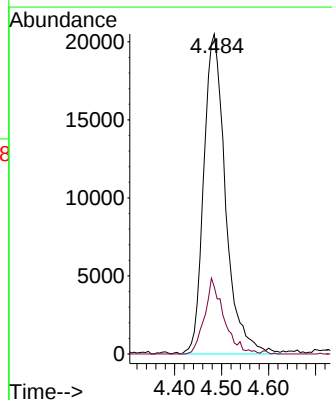
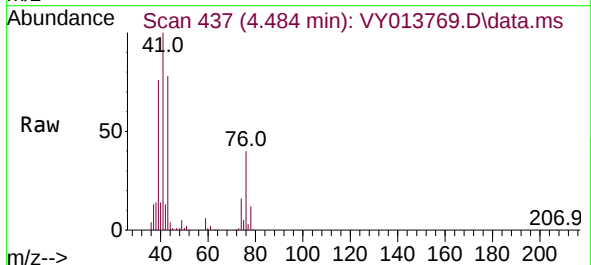
Manual Integrations
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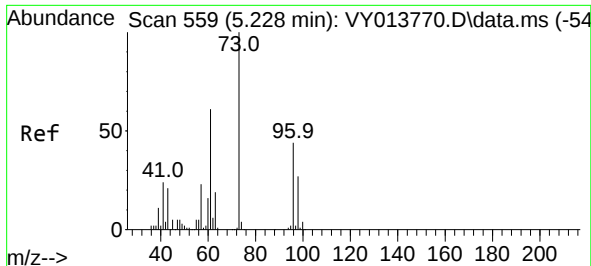
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#18
Methyl Acetate
Concen: 20.571 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

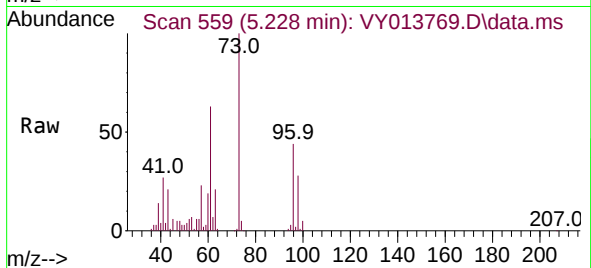
Tgt Ion: 43 Resp: 66100
Ion Ratio Lower Upper
43 100
74 21.0 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 19.628 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

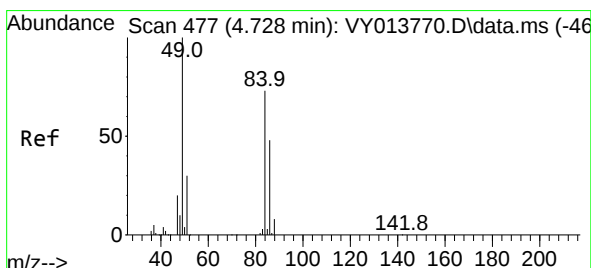
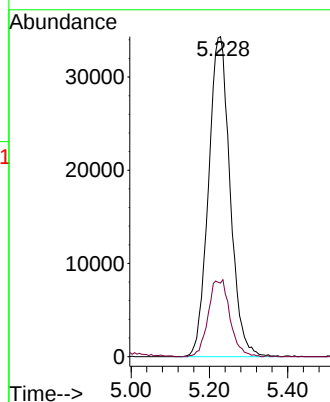
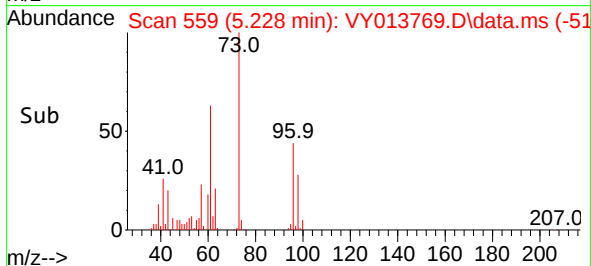
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 13141
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8

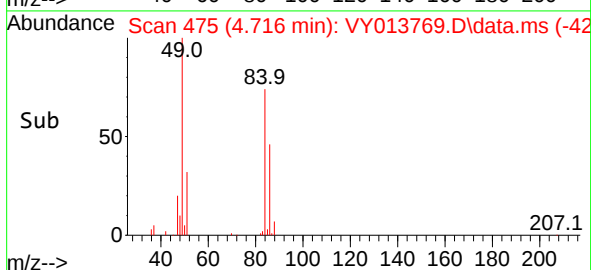
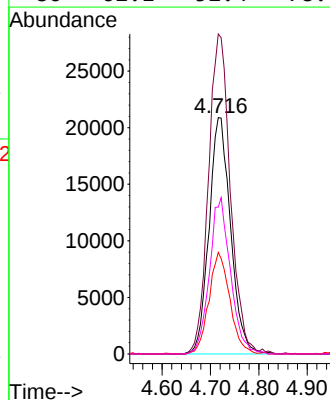
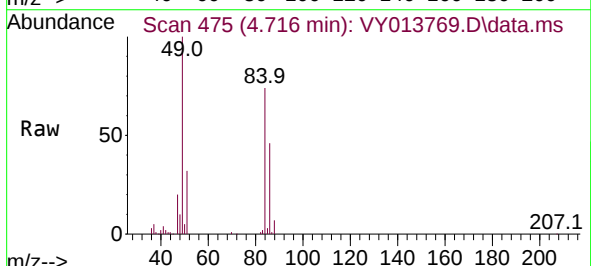
Manual Integrations
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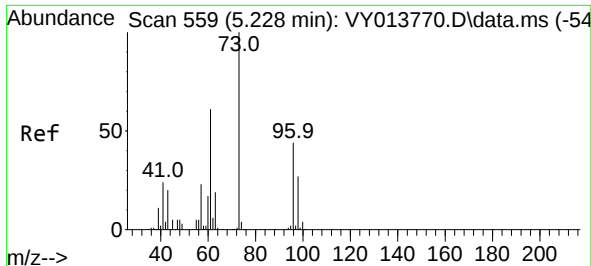
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#20
Methylene Chloride
Concen: 19.598 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

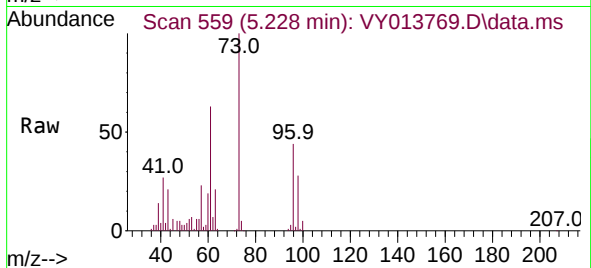
Tgt Ion: 84 Resp: 64823
Ion Ratio Lower Upper
84 100
49 135.4 109.4 164.0
51 43.0 32.8 49.2
86 62.1 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 19.607 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

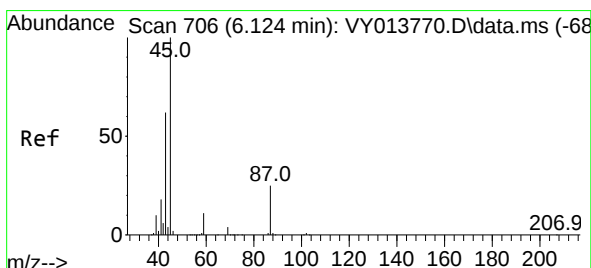
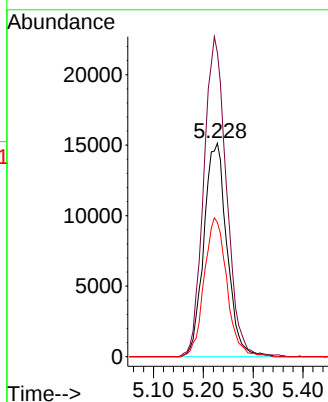
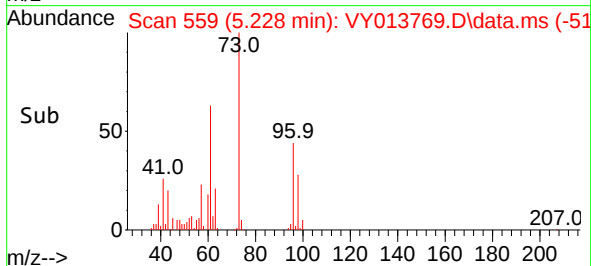
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



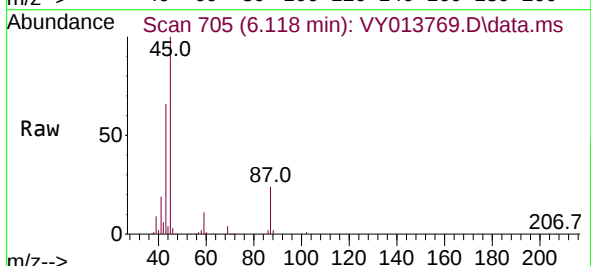
Tgt Ion: 96 Resp: 4872
Ion Ratio Lower Upper
96 100
61 142.4 110.8 166.2
98 62.9 48.6 72.8

Manual Integrations
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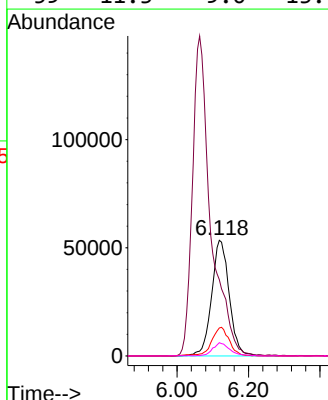
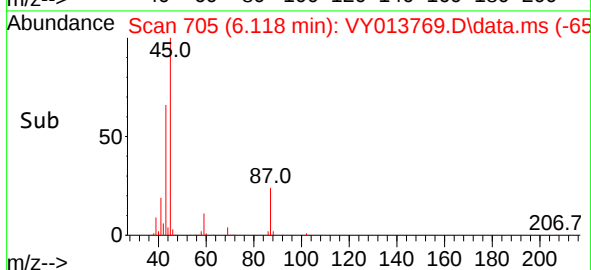
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

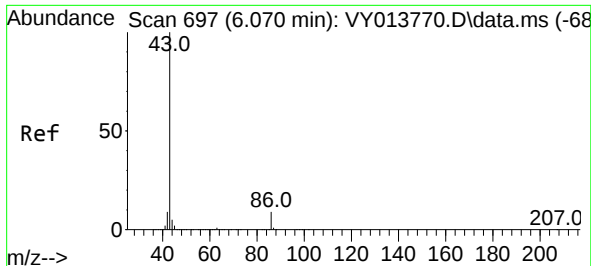


#22
Diisopropyl ether
Concen: 19.753 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



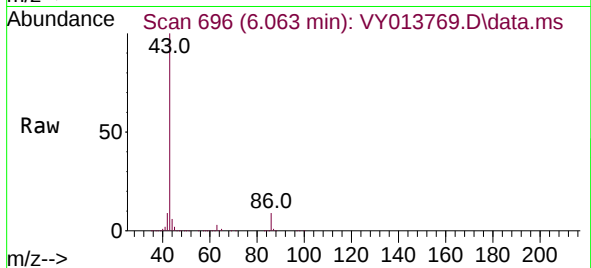
Tgt Ion: 45 Resp: 182657
Ion Ratio Lower Upper
45 100
43 65.7 49.7 74.5
87 24.2 19.9 29.9
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 98.153 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013769.D
 Acq: 17 May 2023 10:59

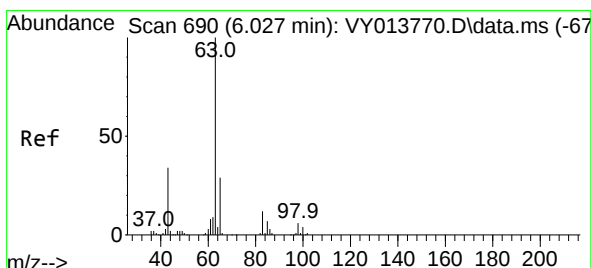
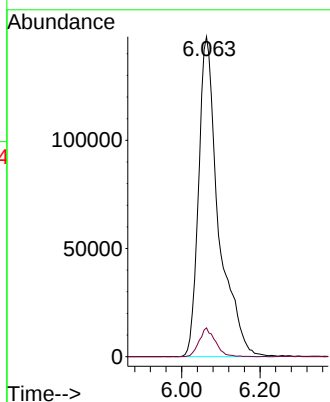
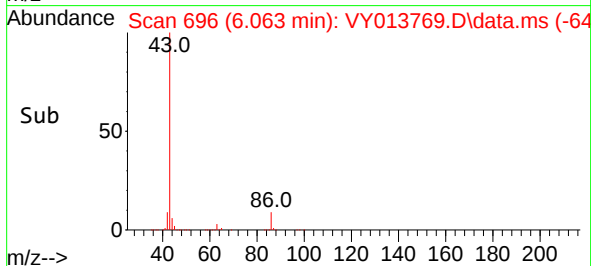
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



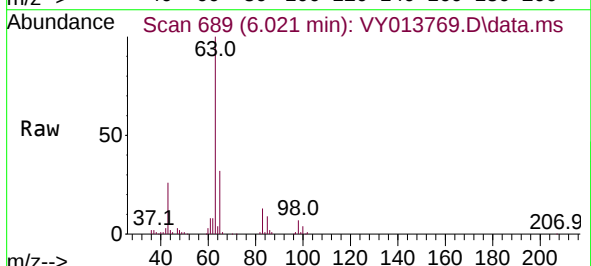
Tgt Ion: 43 Resp: 52520
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.0 10.4

Manual Integrations
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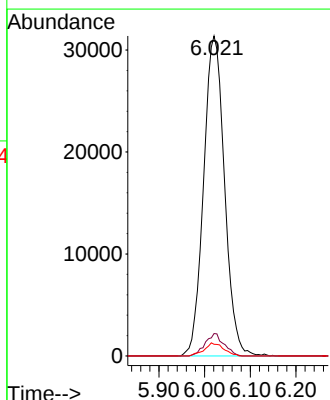
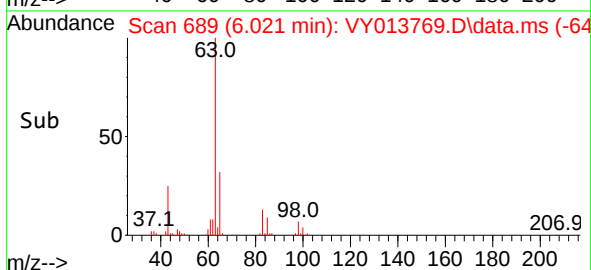
Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

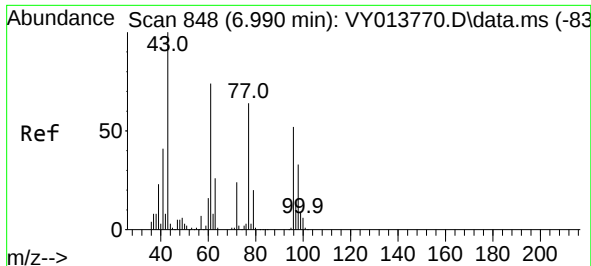


#24
 1,1-Dichloroethane
 Concen: 19.737 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013769.D
 Acq: 17 May 2023 10:59



Tgt Ion: 63 Resp: 99769
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.0 9.0
 100 3.6 2.0 6.0





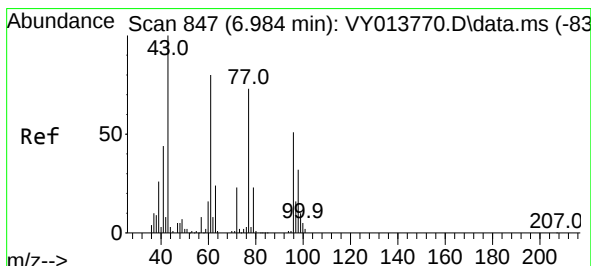
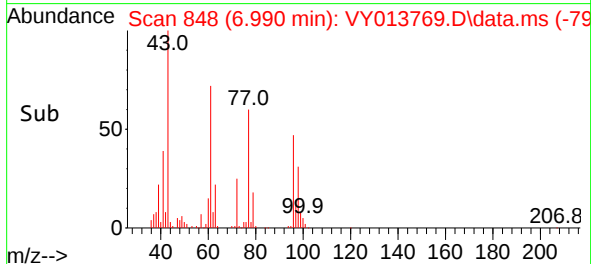
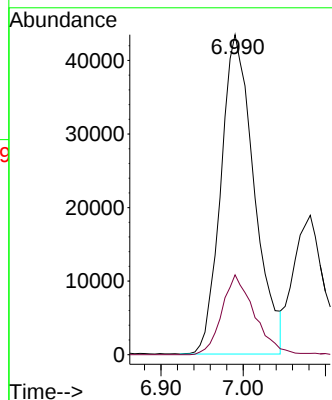
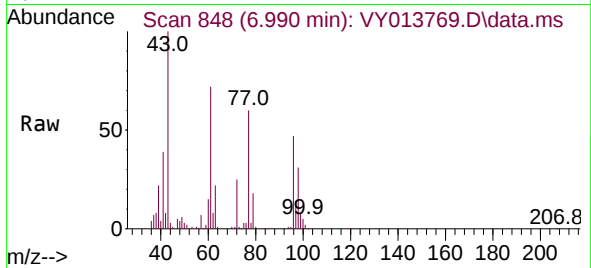
#25
2-Butanone
Concen: 102.456 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 122754
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.6

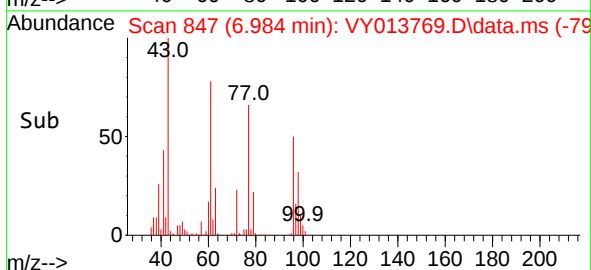
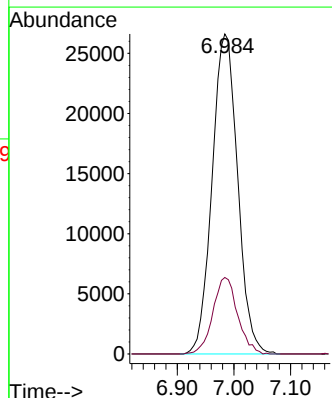
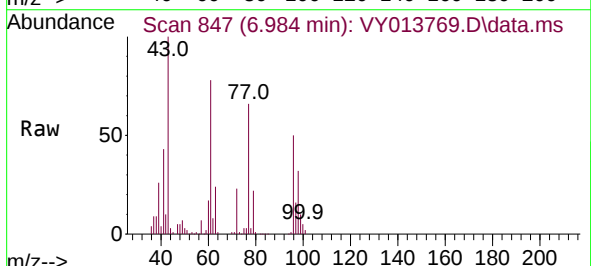
Manual Integrations
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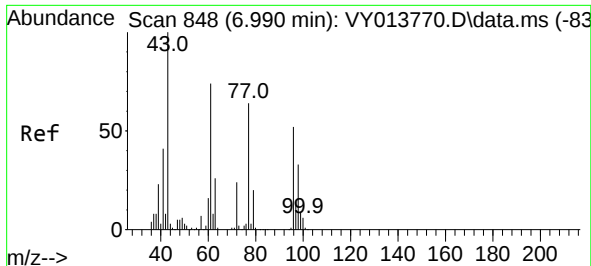
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#26
2,2-Dichloropropane
Concen: 19.253 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion: 77 Resp: 83133
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.142 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

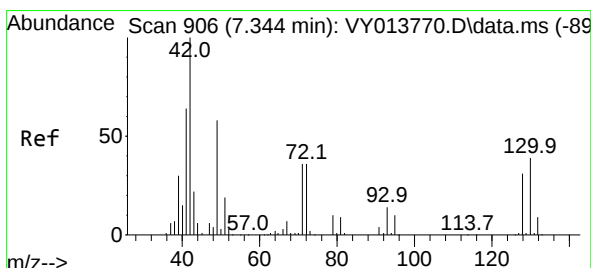
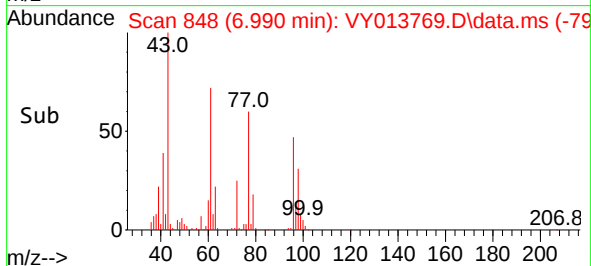
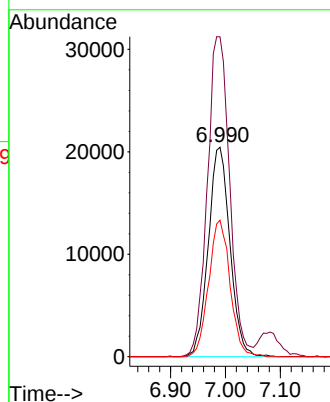
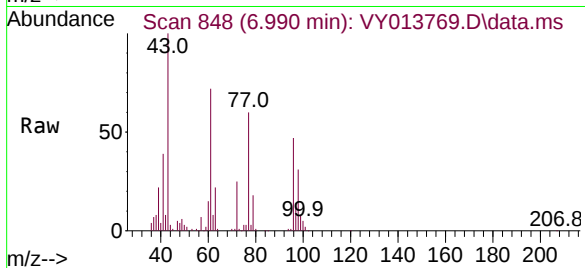
Tgt Ion:	96	Resp:	5604
Ion	Ratio	Lower	Upper
96	100		
61	157.5	0.0	300.6
98	64.5	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#28

Bromochloromethane

Concen: 20.366 ug/l

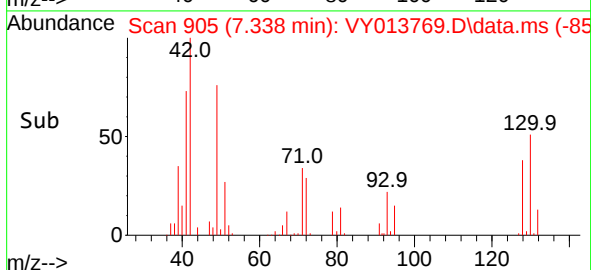
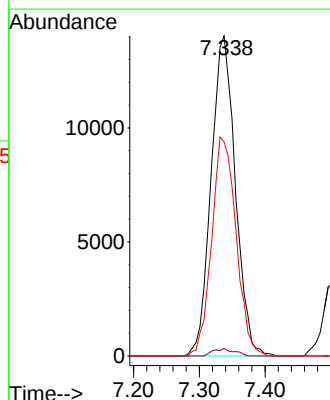
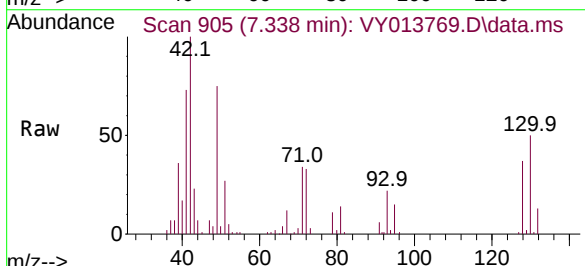
RT: 7.338 min Scan# 905

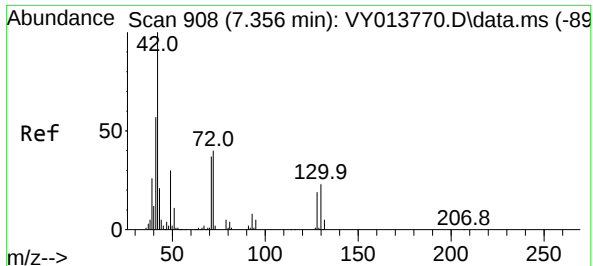
Delta R.T. -0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Tgt Ion:	49	Resp:	36021
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	68.9	54.4	81.6





#29

Tetrahydrofuran

Concen: 101.990 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

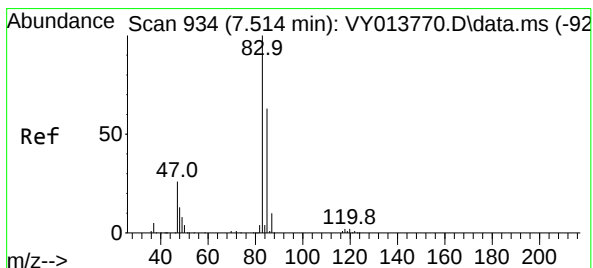
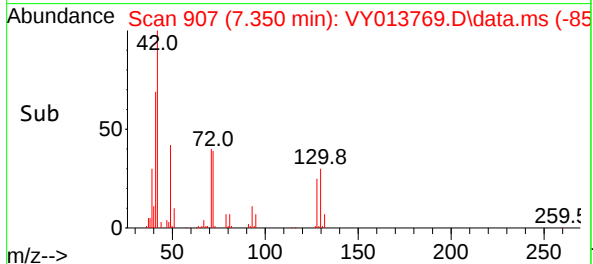
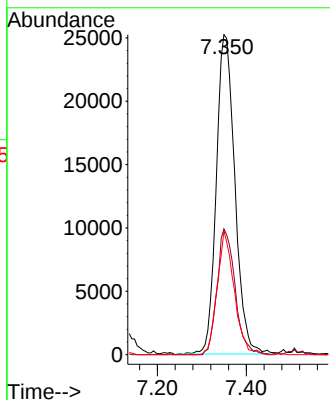
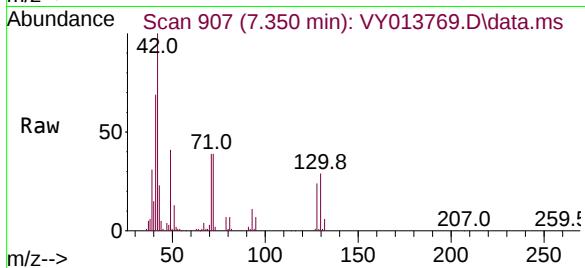
Tgt Ion:	42	Resp:	7311
Ion Ratio	Lower	Upper	
42	100		
72	37.9	30.7	46.1
71	35.4	29.0	43.6

Manual Integrations

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Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#30

Chloroform

Concen: 19.420 ug/l

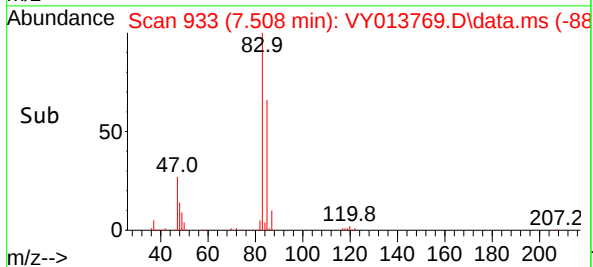
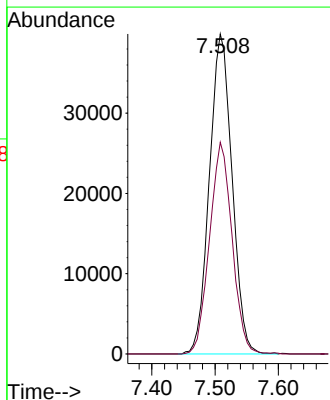
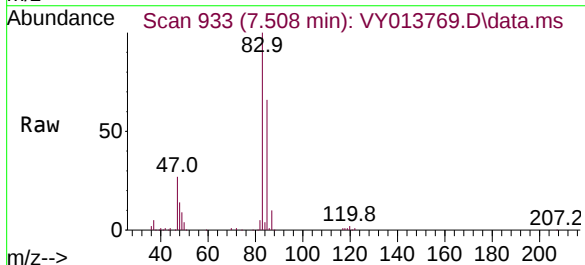
RT: 7.508 min Scan# 933

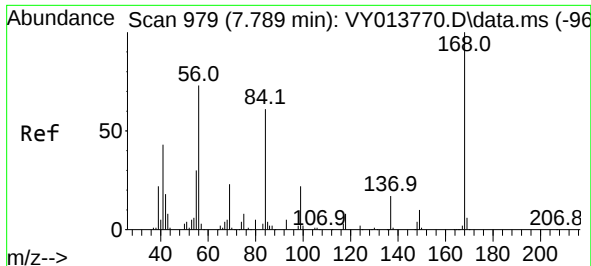
Delta R.T. -0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

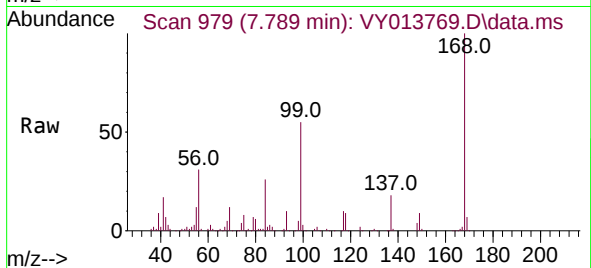
Tgt Ion:	83	Resp:	98923
Ion Ratio	Lower	Upper	
83	100		
85	66.2	50.5	75.7





#31
Cyclohexane
Concen: 19.226 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

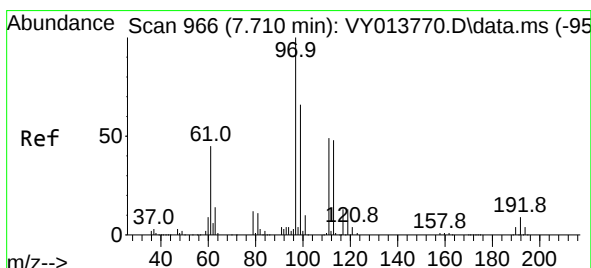
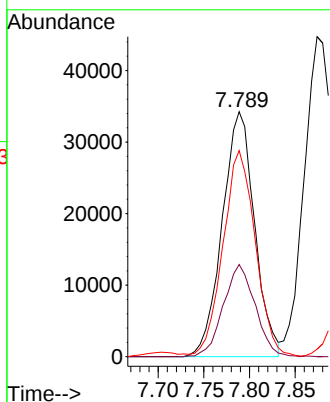
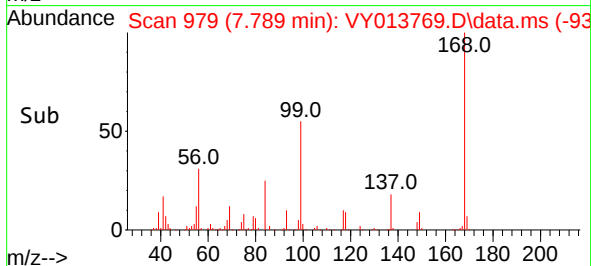
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



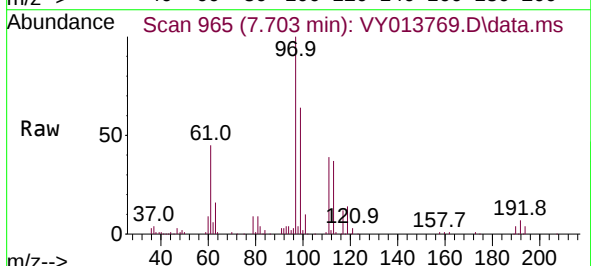
Tgt Ion: 56 Resp: 84209
Ion Ratio Lower Upper
56 100
69 37.6 25.8 38.6
84 83.1 65.8 98.6

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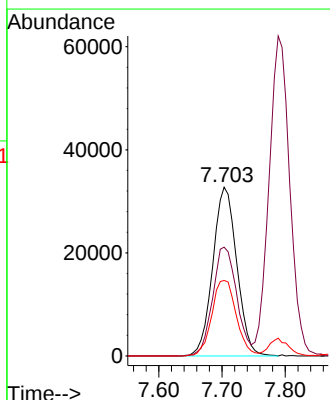
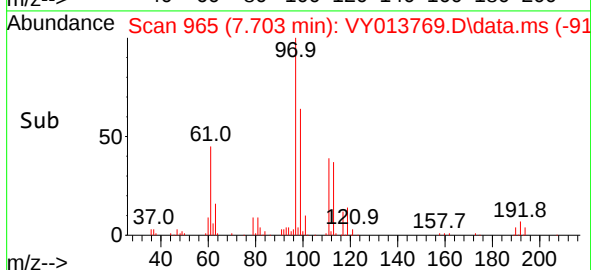
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

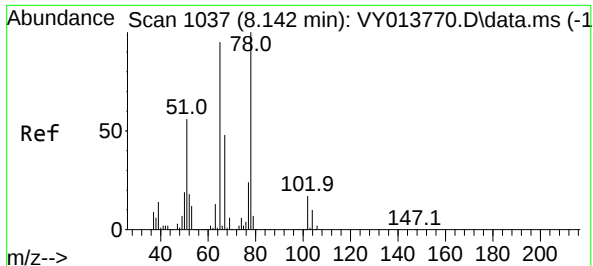


#32
1,1,1-Trichloroethane
Concen: 19.795 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 97 Resp: 86070
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 45.8 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 20.252 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 61860

Ion Ratio Lower Upper

65 100

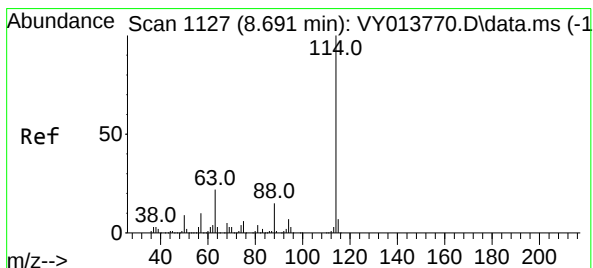
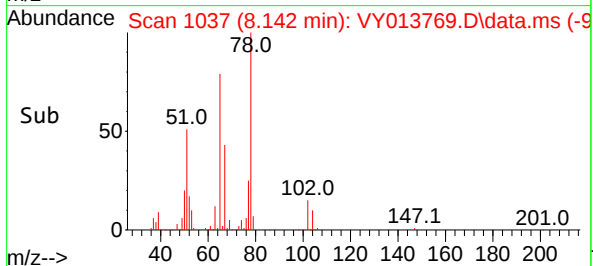
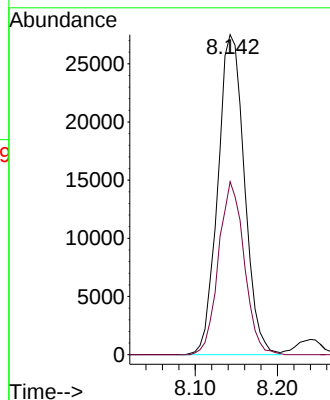
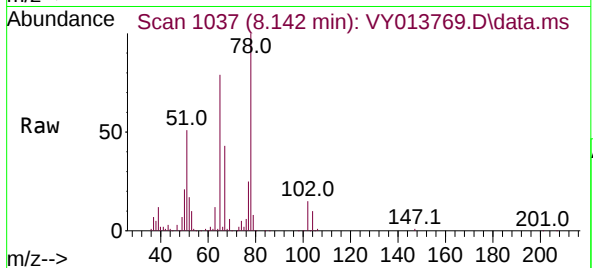
67 52.1 0.0 105.6

Manual Integrations

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Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

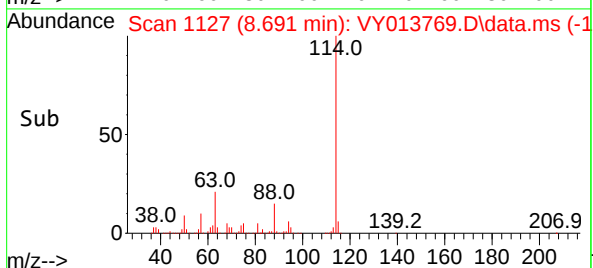
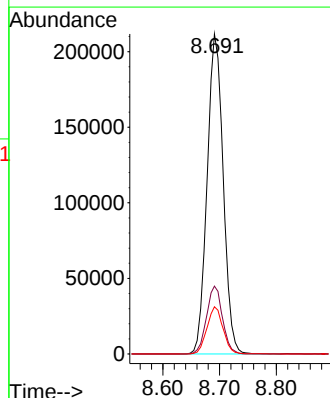
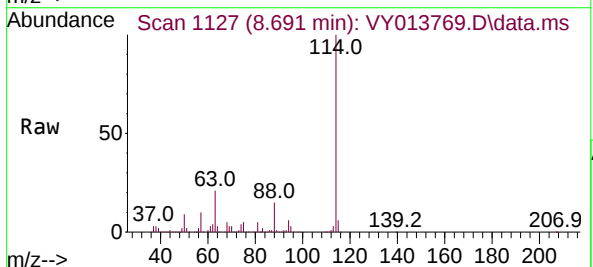
Tgt Ion:114 Resp: 417035

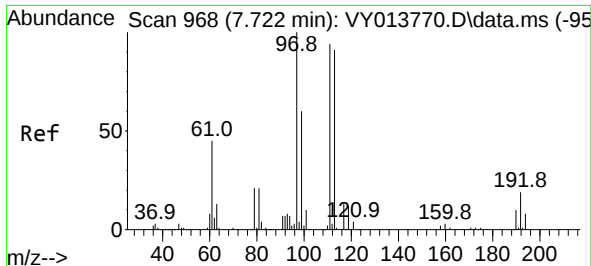
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 14.7 0.0 30.8





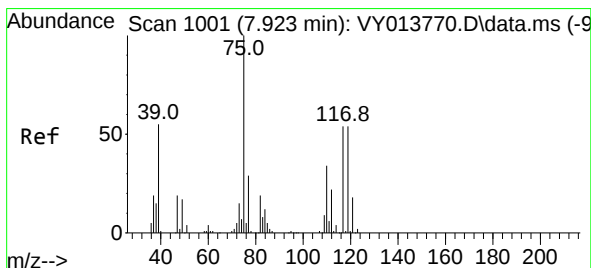
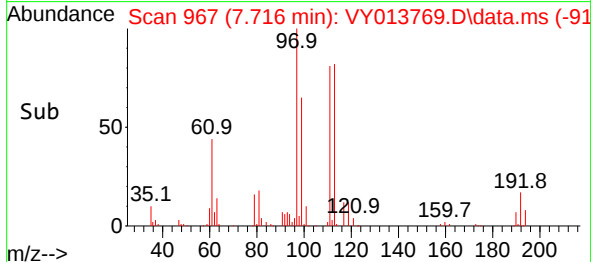
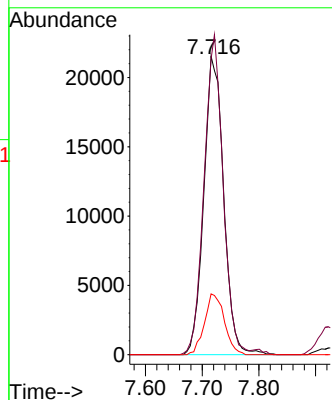
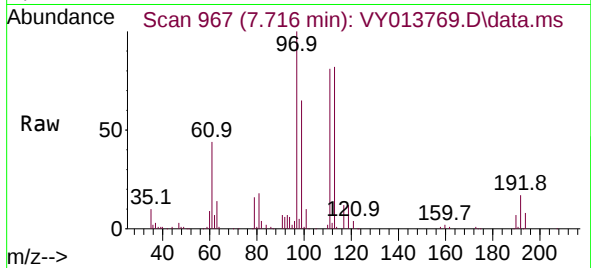
#35
Dibromofluoromethane
Concen: 19.608 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 52430
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 20.4 16.0 24.0

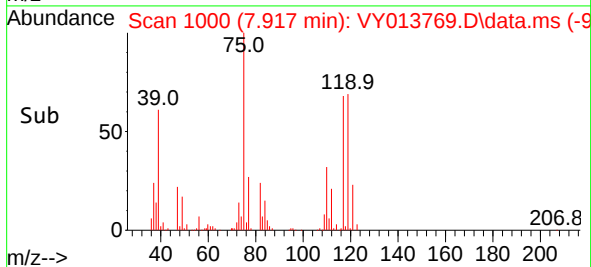
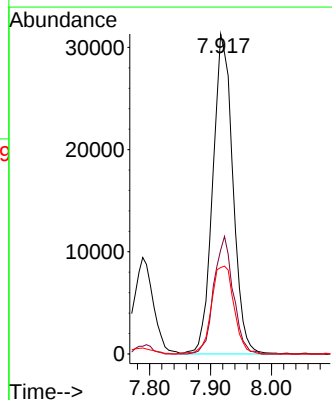
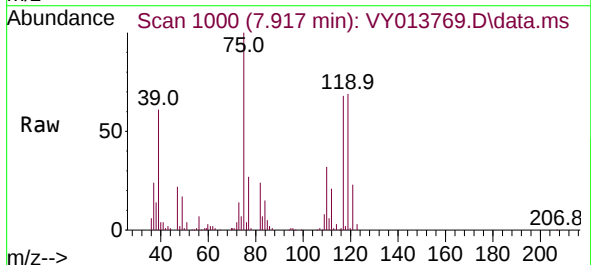
Manual Integrations
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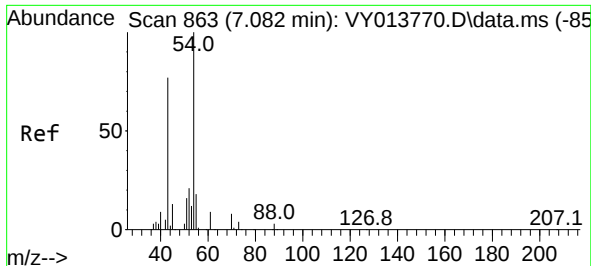
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#36
1,1-Dichloropropene
Concen: 19.429 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion: 75 Resp: 71791
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.7
77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 19.696 ug/l

RT: 7.081 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

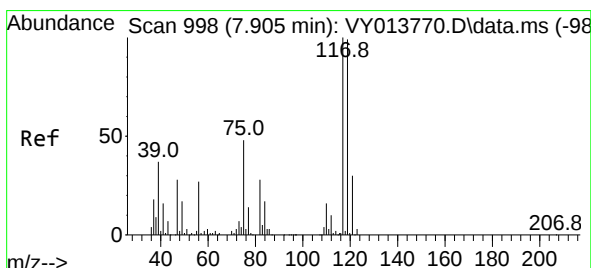
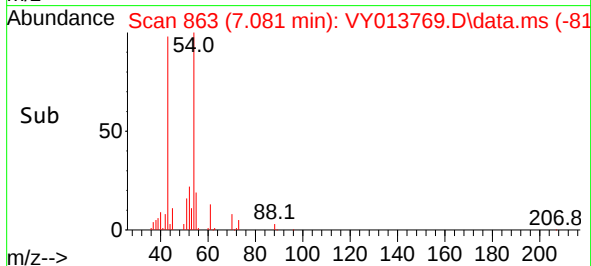
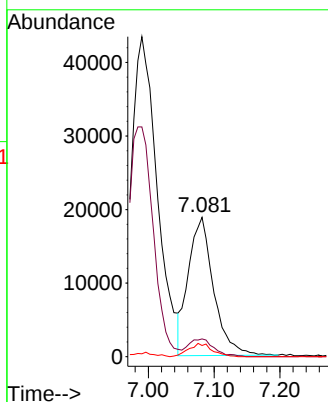
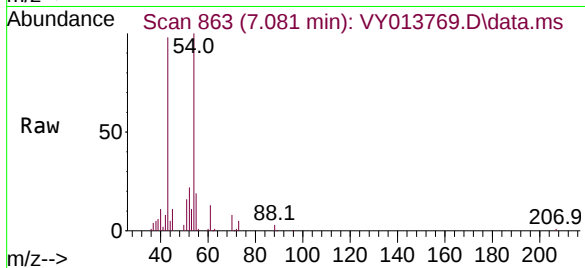
Tgt Ion:	43	Resp:	5006
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.7	16.1
70	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#38

Carbon Tetrachloride

Concen: 19.437 ug/l

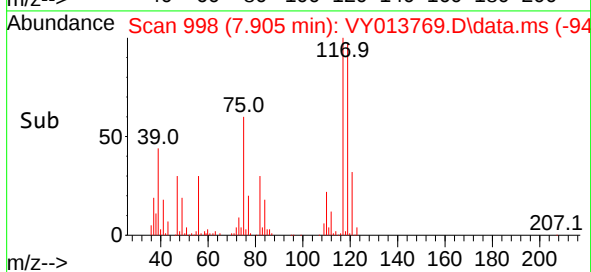
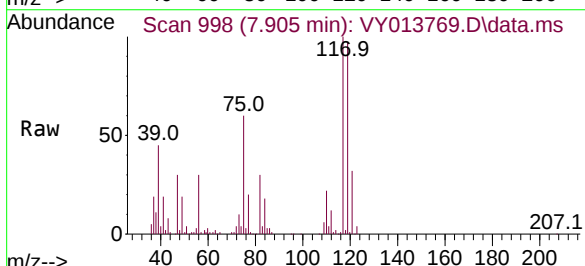
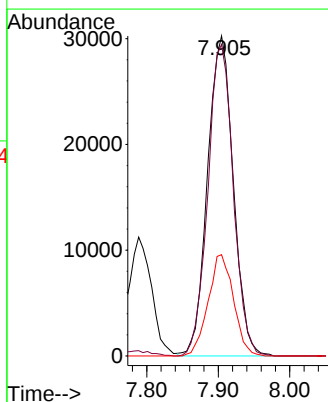
RT: 7.905 min Scan# 998

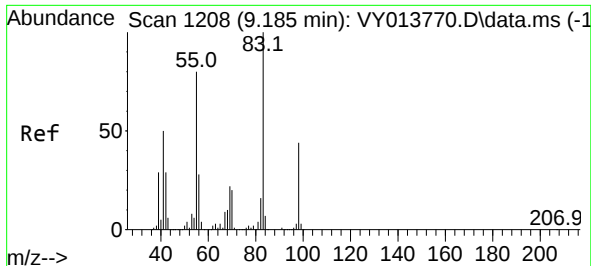
Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

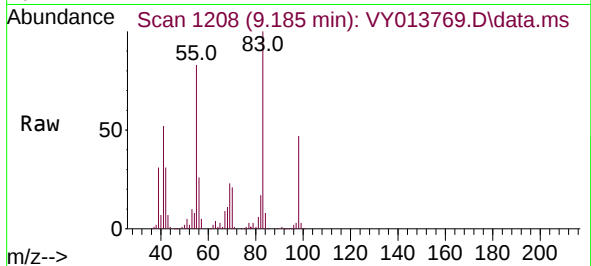
Tgt Ion:	117	Resp:	75766
Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.0	118.6
121	31.6	24.1	36.1





#39
Methylcyclohexane
Concen: 19.225 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

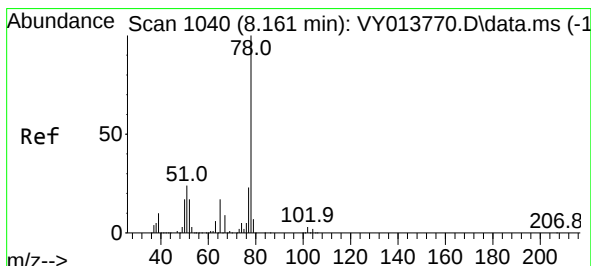
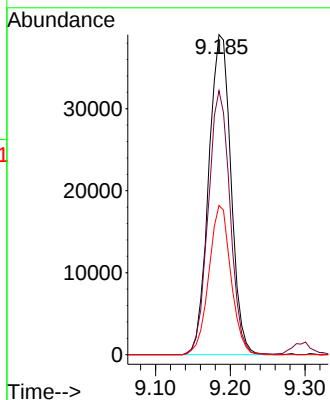
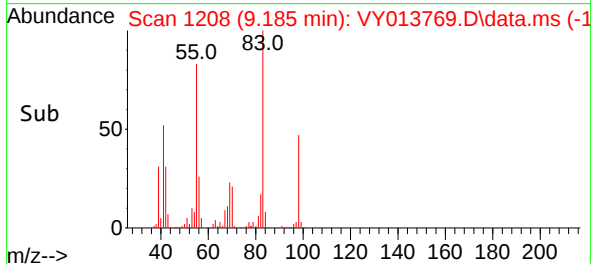
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 8074
Ion Ratio Lower Upper
83 100
55 82.5 63.7 95.5
98 46.6 35.0 52.6

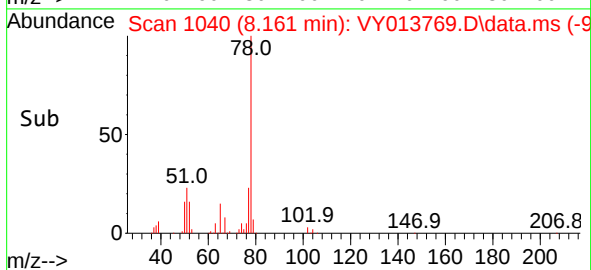
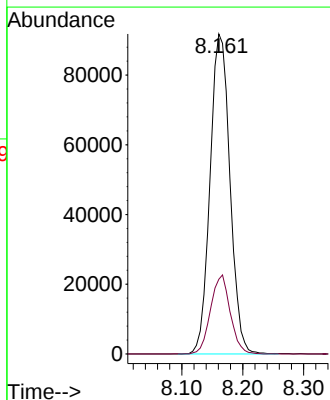
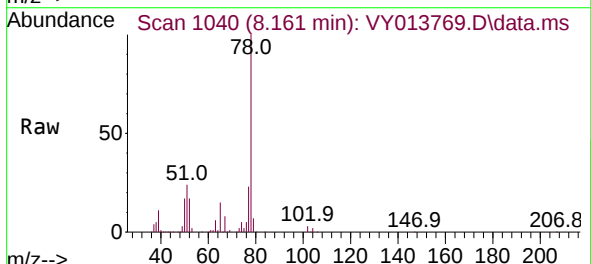
Manual Integrations
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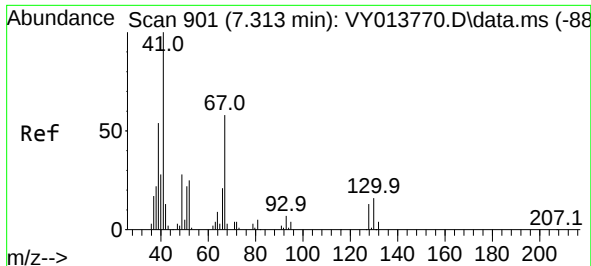
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#40
Benzene
Concen: 19.381 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

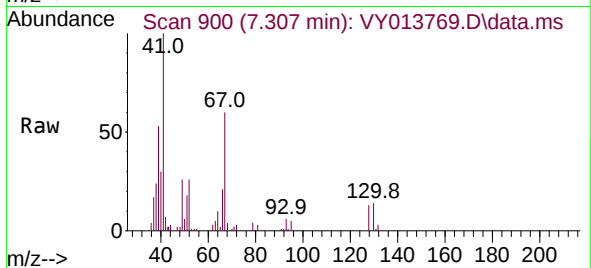
Tgt Ion: 78 Resp: 208110
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 21.285 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

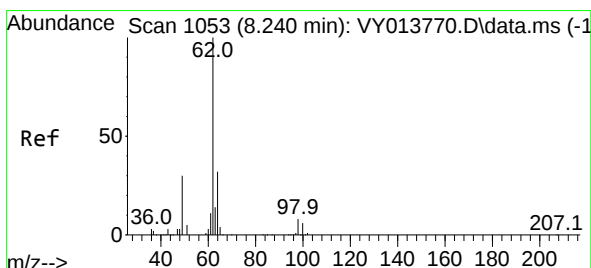
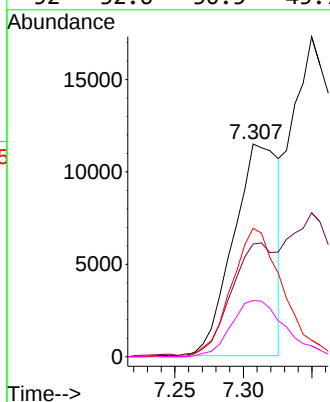
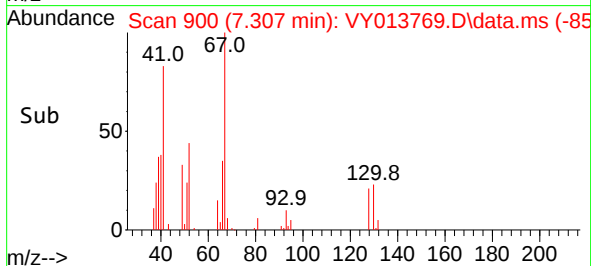
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 26099
Ion Ratio Lower Upper
41 100
39 46.5 59.5 89.3
67 70.2 69.1 103.7
52 32.6 30.5 45.7

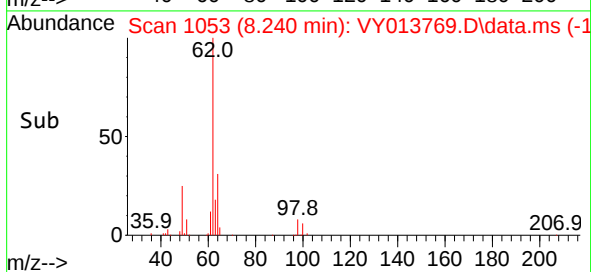
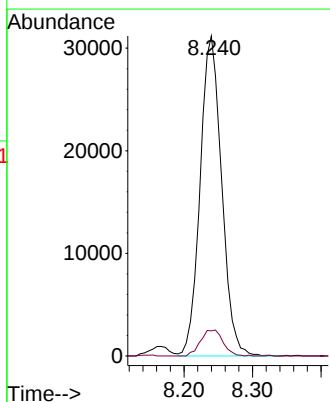
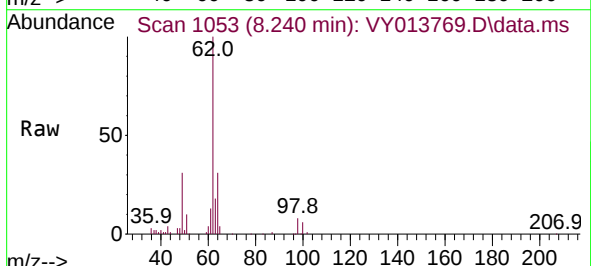
Manual Integrations
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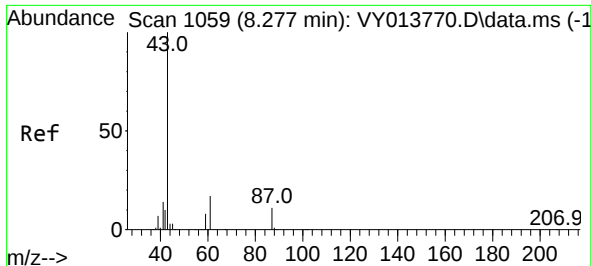
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#42
1,2-Dichloroethane
Concen: 19.657 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

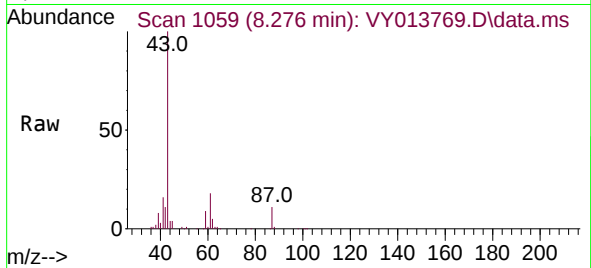
Tgt Ion: 62 Resp: 68198
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.8





#43
Isopropyl Acetate
Concen: 20.032 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

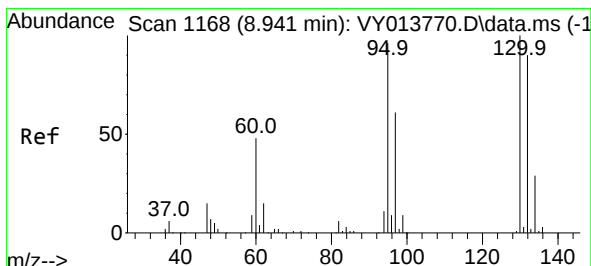
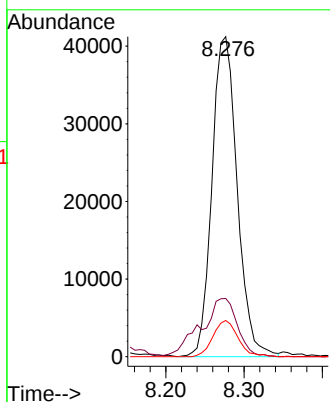
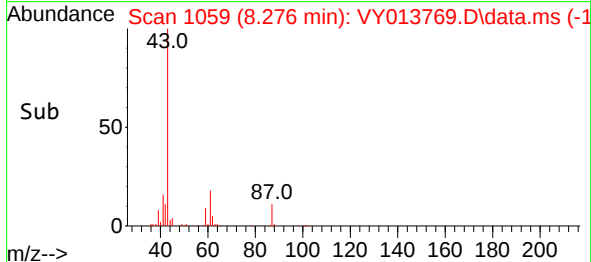
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 9241
Ion Ratio Lower Upper
43 100
61 26.3 20.6 31.0
87 11.2 9.0 13.6

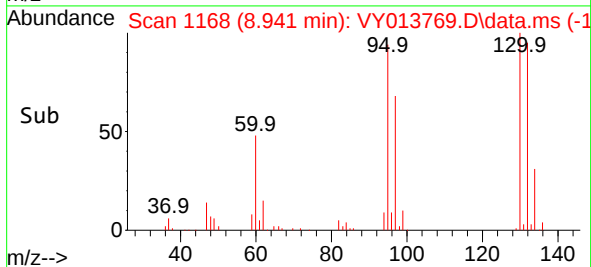
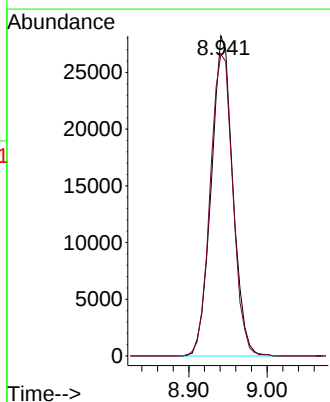
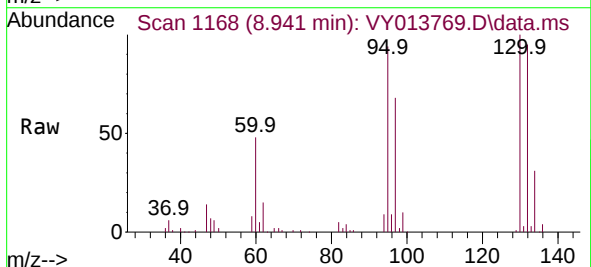
Manual Integrations
APPROVED

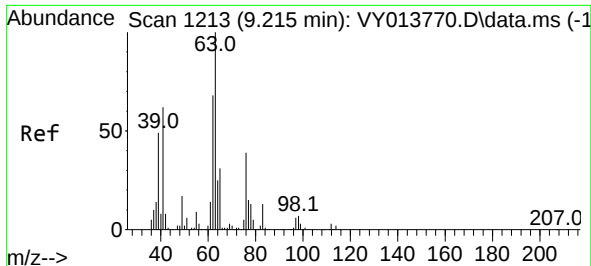
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#44
Trichloroethene
Concen: 19.268 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion:130 Resp: 54084
Ion Ratio Lower Upper
130 100
95 94.3 0.0 193.0





#45

1,2-Dichloropropane

Concen: 19.716 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 58174

Ion Ratio Lower Upper

63 100

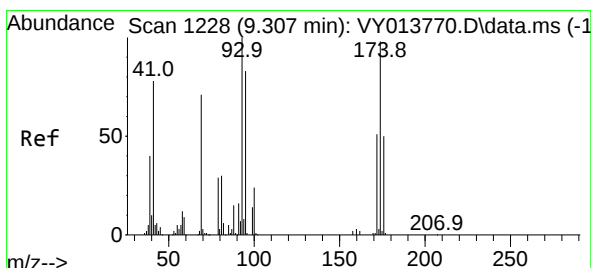
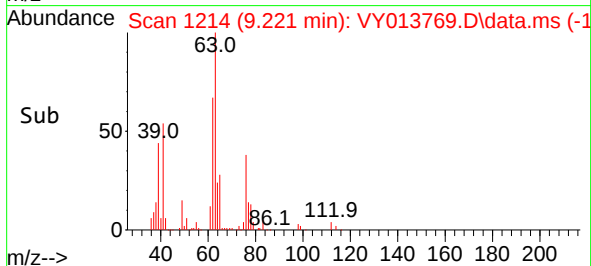
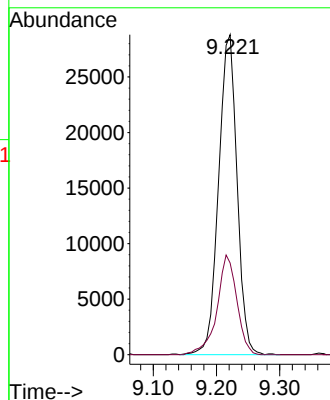
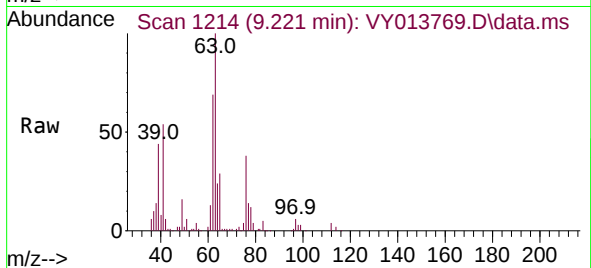
65 28.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#46

Dibromomethane

Concen: 19.540 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

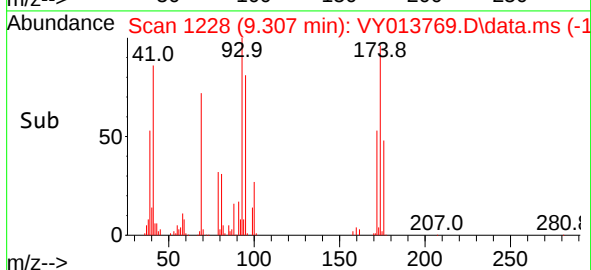
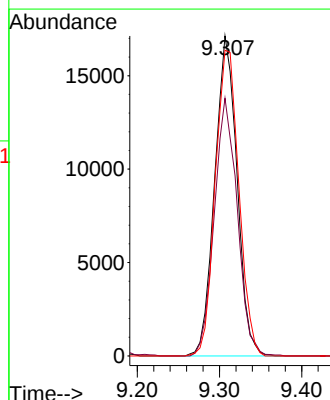
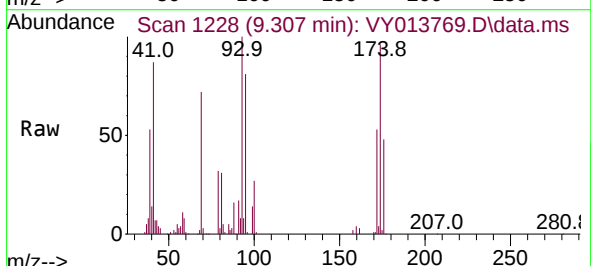
Tgt Ion: 93 Resp: 32291

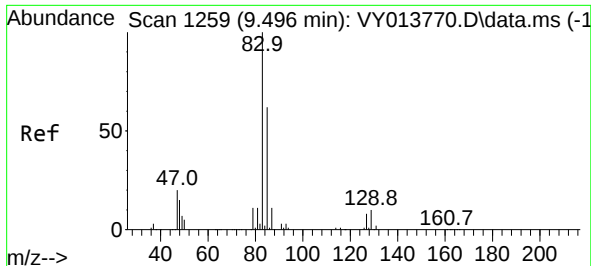
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 101.1 79.5 119.3





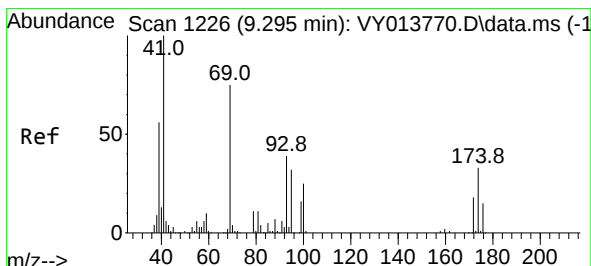
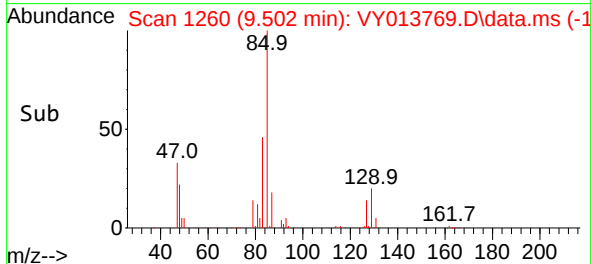
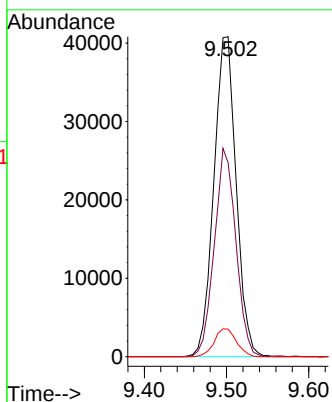
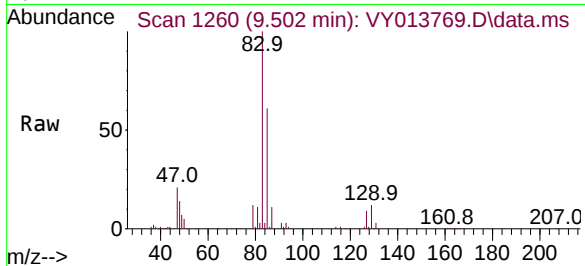
#47
Bromodichloromethane
Concen: 19.665 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 76960
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4
127 8.6 6.3 9.5

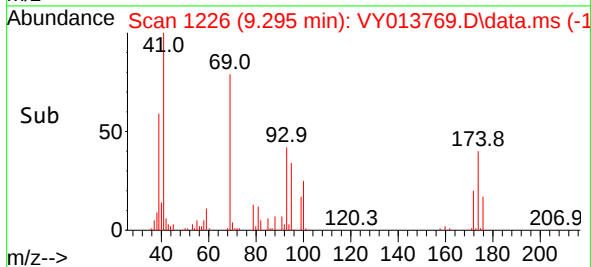
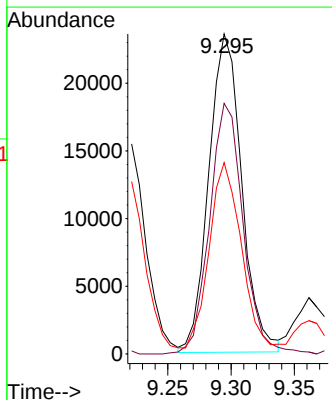
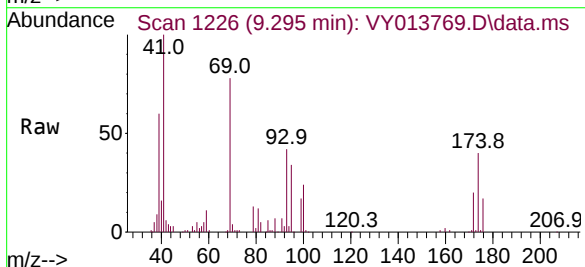
Manual Integrations
APPROVED

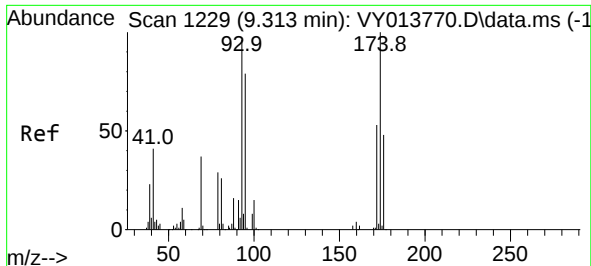
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#48
Methyl methacrylate
Concen: 20.064 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion: 41 Resp: 42519
Ion Ratio Lower Upper
41 100
69 80.3 63.0 94.6
39 57.3 46.2 69.2





#49

1,4-Dioxane

Concen: 413.624 ug/l

RT: 9.307 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

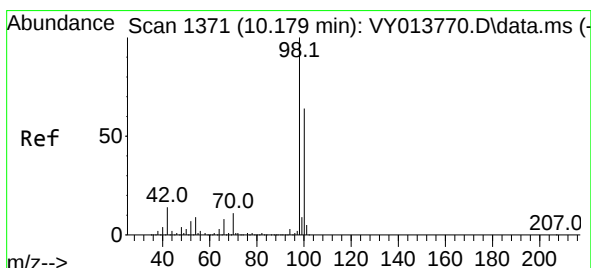
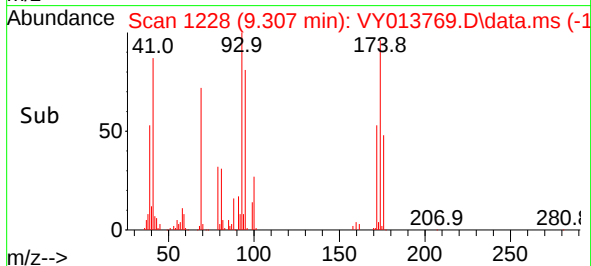
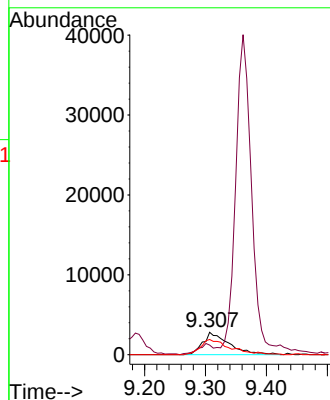
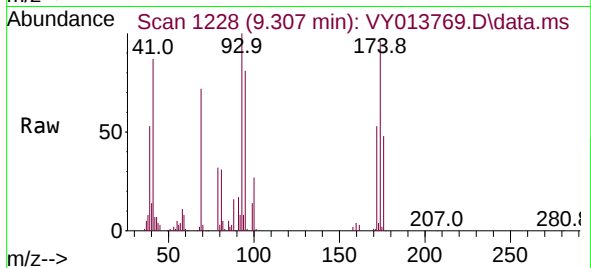
Tgt Ion: 88	Resp: 8389
Ion Ratio	Lower Upper
88 100	
43 27.0	26.1 39.1
58 76.3	62.2 93.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#50

Toluene-d8

Concen: 20.087 ug/l

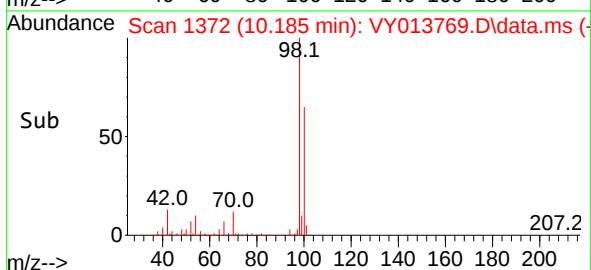
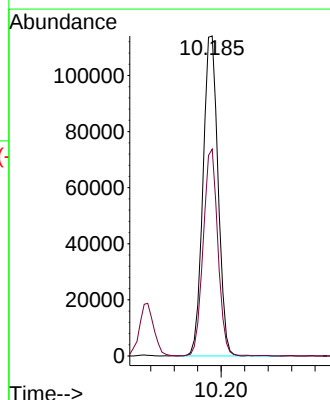
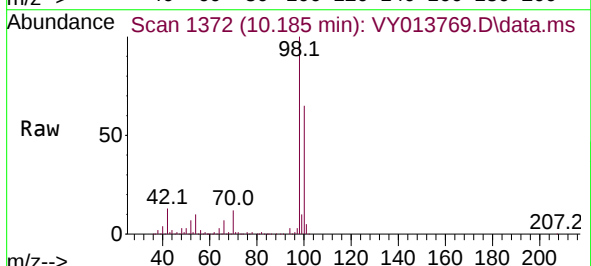
RT: 10.185 min Scan# 1372

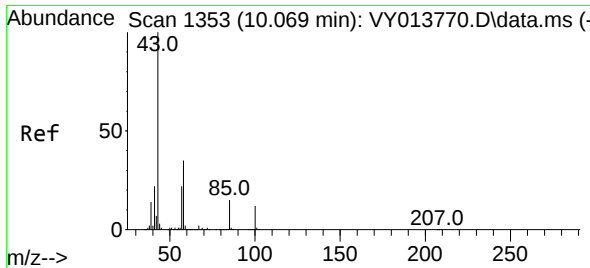
Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

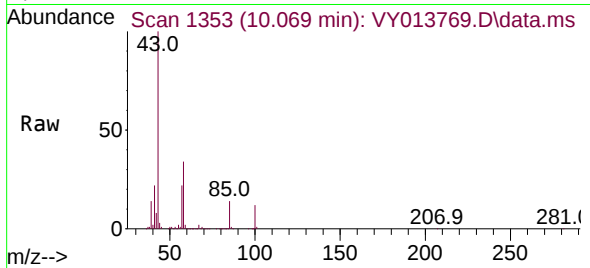
Tgt Ion: 98	Resp: 203648
Ion Ratio	Lower Upper
98 100	
100 62.7	51.0 76.6





#51
4-Methyl-2-Pentanone
Concen: 102.535 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

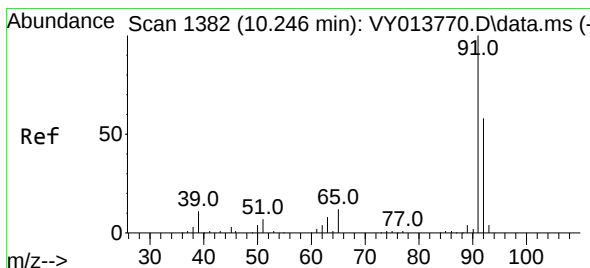
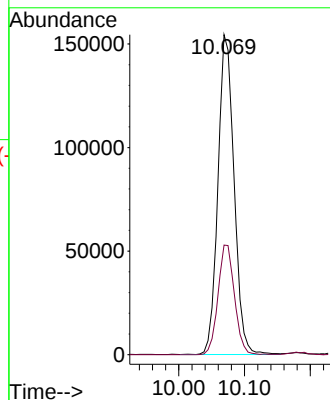
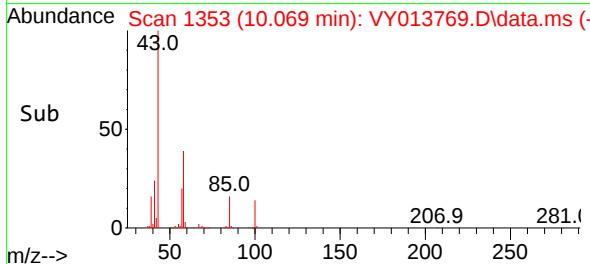
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



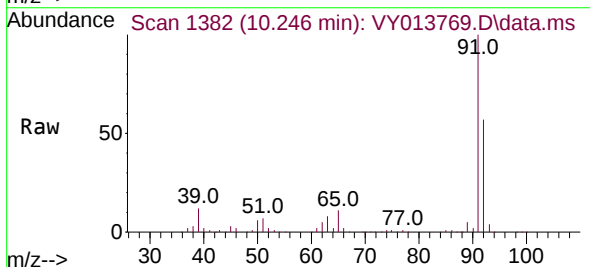
Tgt Ion: 43 Resp: 263410
Ion Ratio Lower Upper
43 100
58 35.1 28.2 42.2

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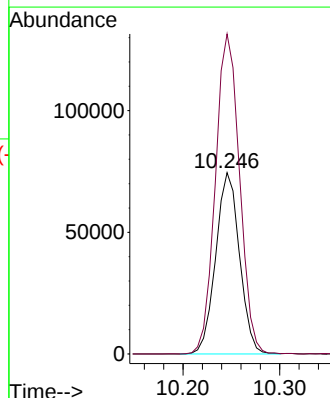
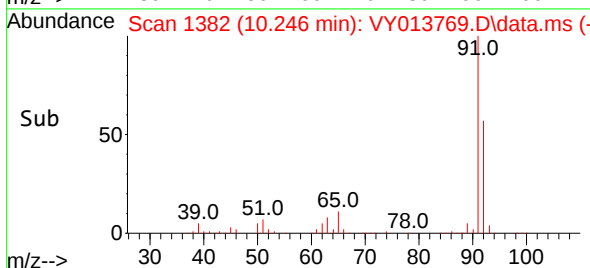
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

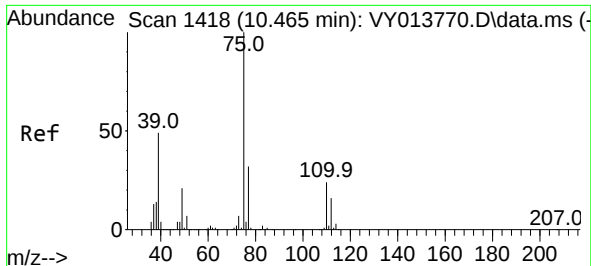


#52
Toluene
Concen: 19.513 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 92 Resp: 127019
Ion Ratio Lower Upper
92 100
91 179.5 141.0 211.4





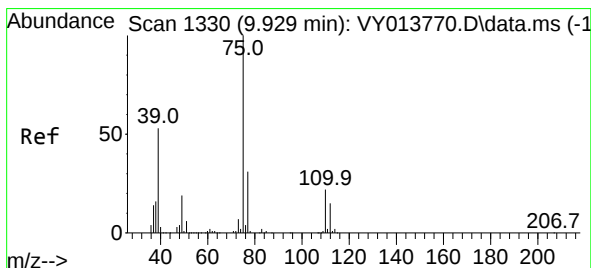
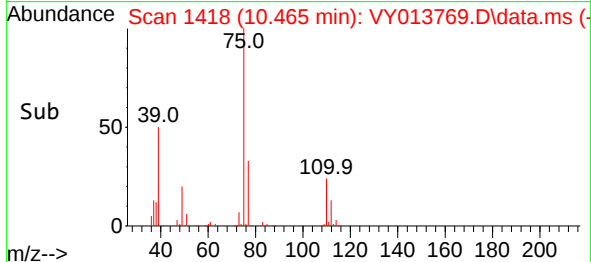
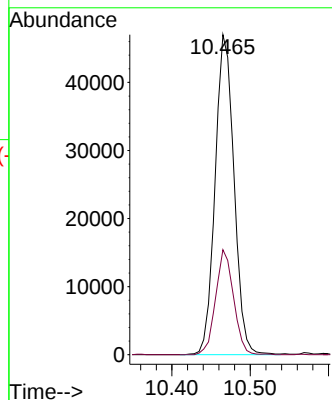
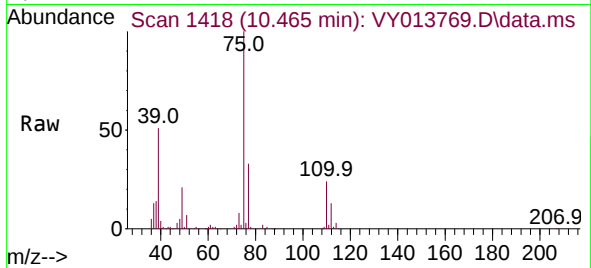
#53
t-1,3-Dichloropropene
Concen: 19.546 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7886
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8

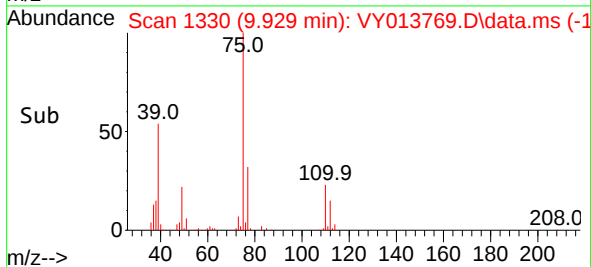
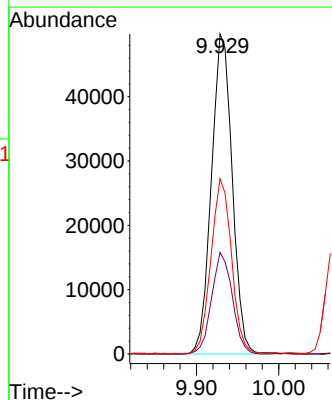
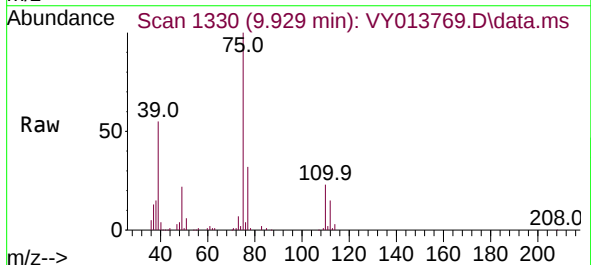
Manual Integrations
APPROVED

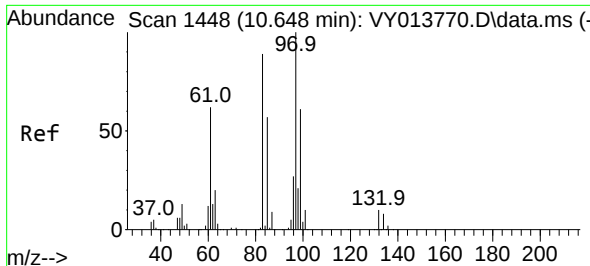
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.429 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

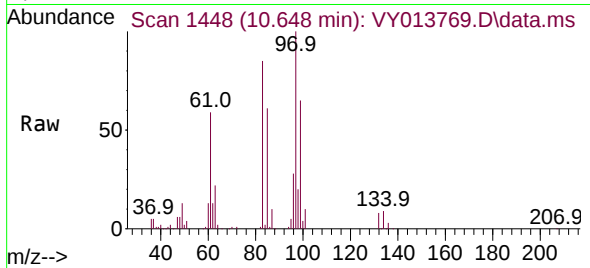
Tgt Ion: 75 Resp: 87473
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 54.7 42.6 63.8





#55
1,1,2-Trichloroethane
Concen: 19.962 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

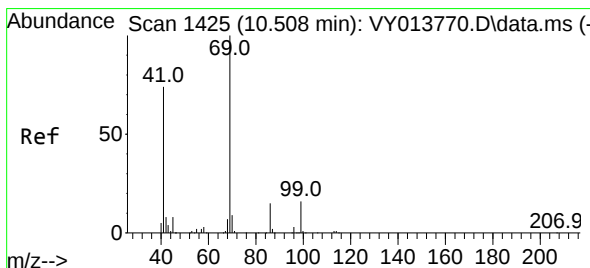
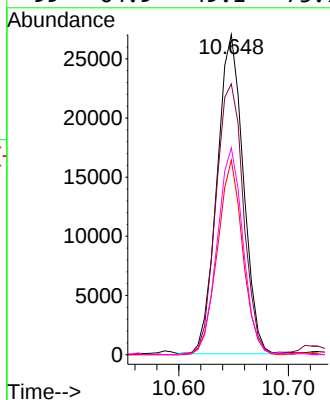
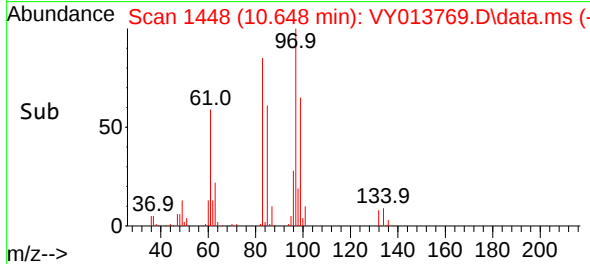
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



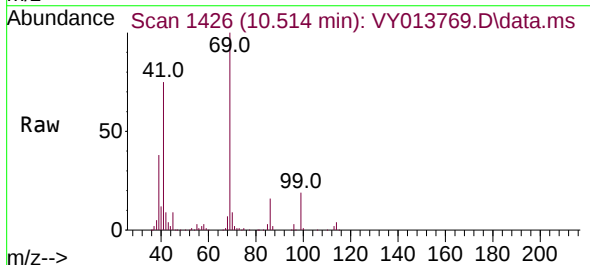
Tgt Ion:	97	Resp:	4486
Ion Ratio	Lower	Upper	
97	100		
83	84.9	71.1	106.7
85	61.0	45.7	68.5
99	64.9	49.1	73.7

Manual Integrations
APPROVED

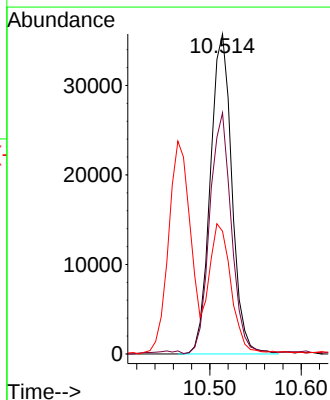
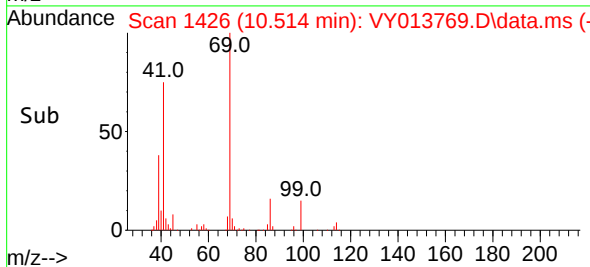
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

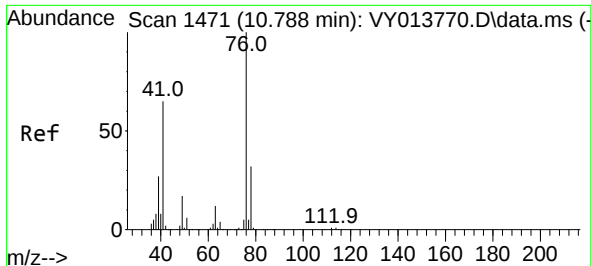


#56
Ethyl methacrylate
Concen: 19.515 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion:	69	Resp:	58535
Ion Ratio	Lower	Upper	
69	100		
41	75.7	58.3	87.5
39	40.2	31.8	47.8





#57

1,3-Dichloropropane

Concen: 19.852 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 76762

Ion Ratio Lower Upper

76 100

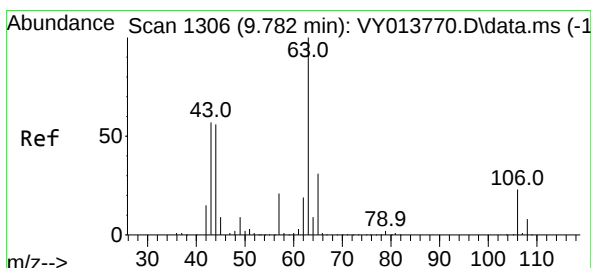
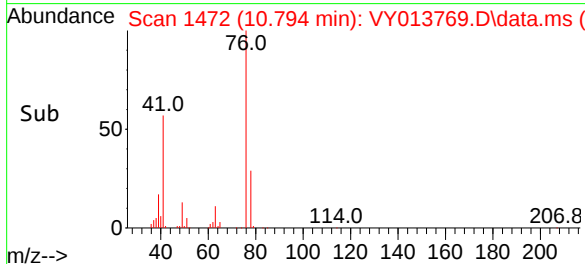
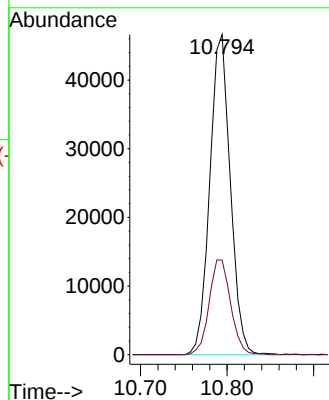
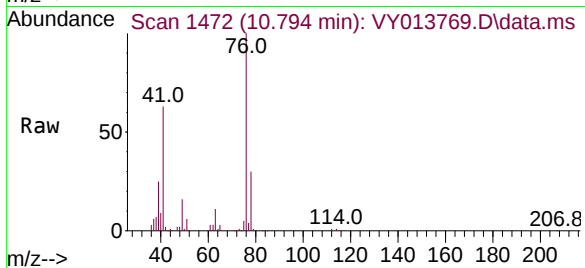
78 31.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 107.278 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013769.D

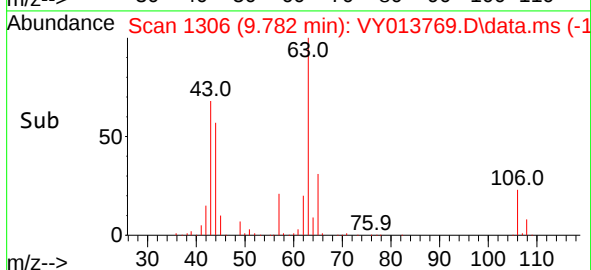
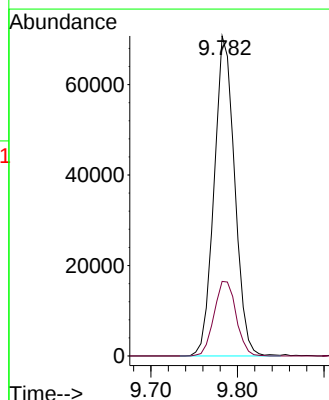
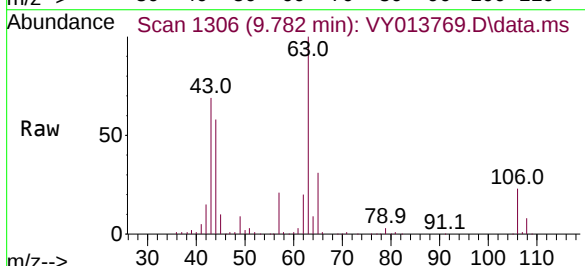
Acq: 17 May 2023 10:59

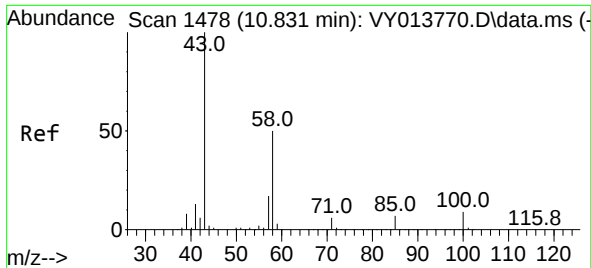
Tgt Ion: 63 Resp: 116578

Ion Ratio Lower Upper

63 100

106 25.0 19.7 29.5





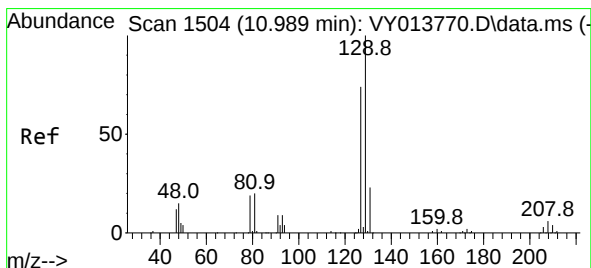
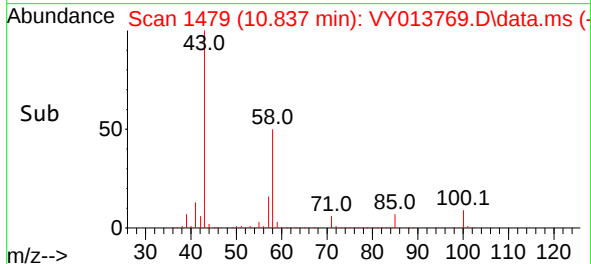
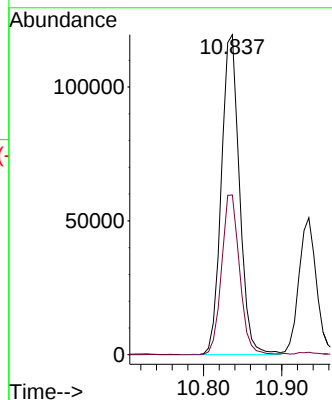
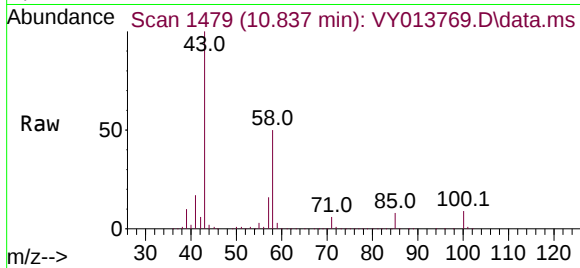
#59
2-Hexanone
Concen: 105.359 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 19239
Ion Ratio Lower Upper
43 100
58 49.7 24.8 74.4

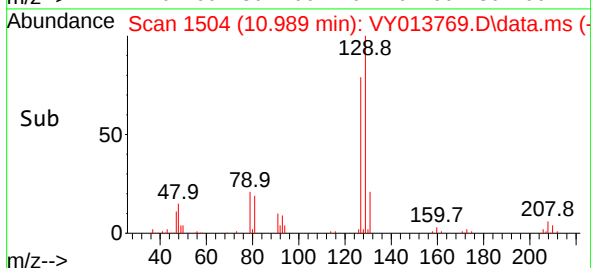
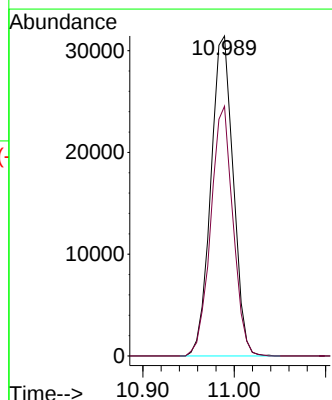
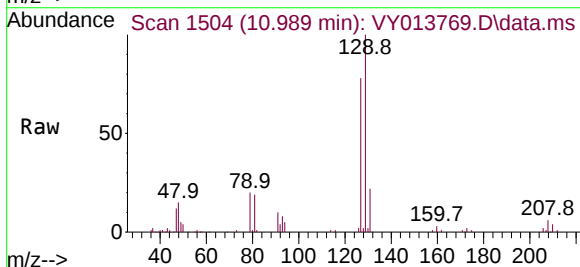
Manual Integrations
APPROVED

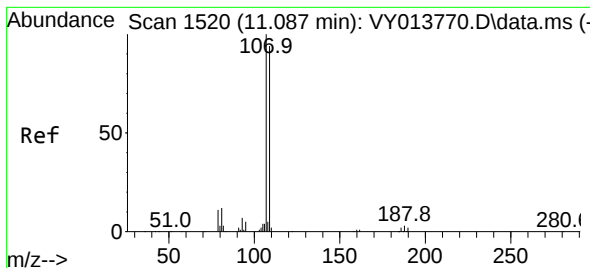
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#60
Dibromochloromethane
Concen: 19.636 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

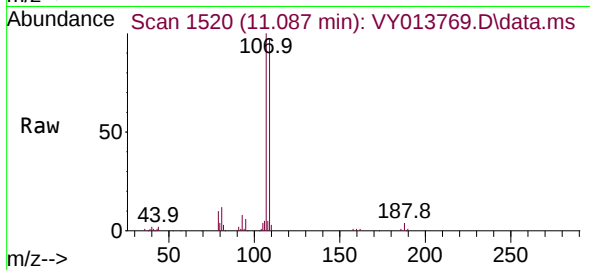
Tgt Ion:129 Resp: 53477
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.135 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

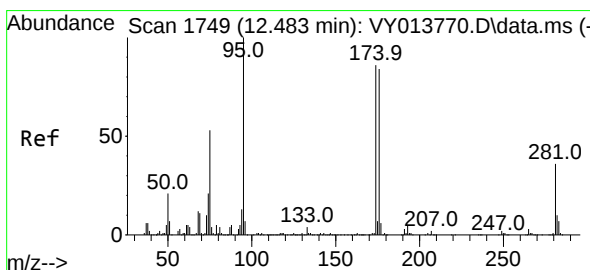
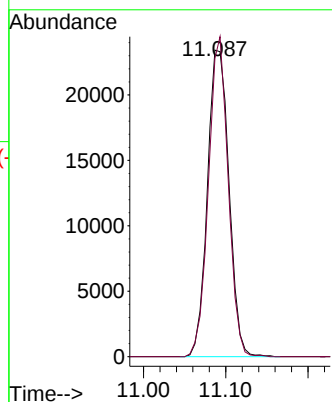
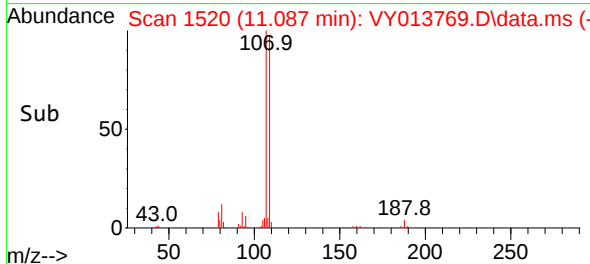
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



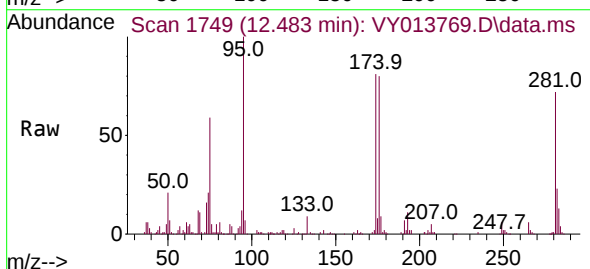
Tgt Ion:107 Resp: 42675
Ion Ratio Lower Upper
107 100
109 95.4 76.2 114.4

Manual Integrations
APPROVED

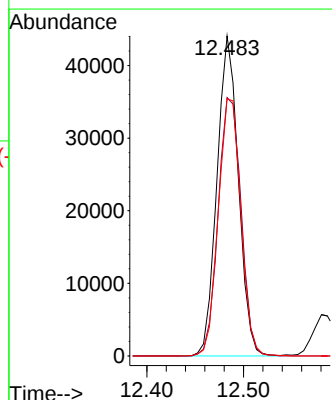
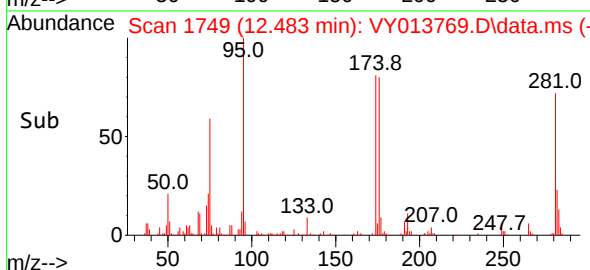
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

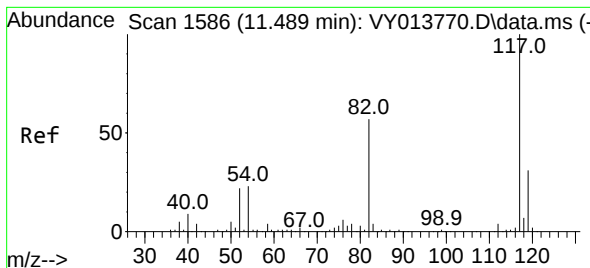


#62
4-Bromofluorobenzene
Concen: 20.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



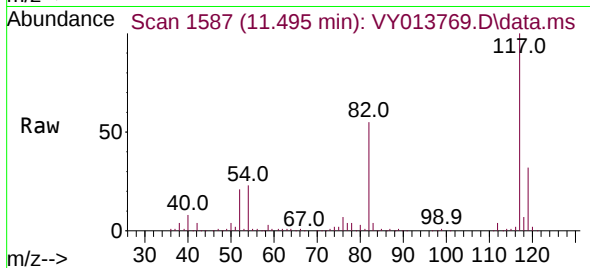
Tgt Ion: 95 Resp: 67707
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.8
176 84.7 0.0 165.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11587
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

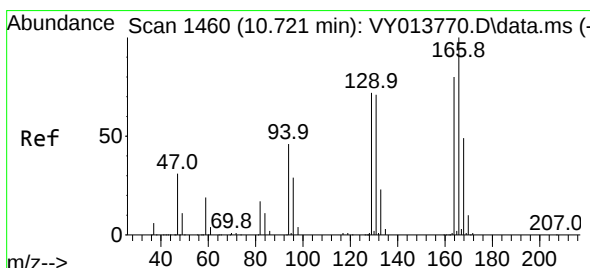
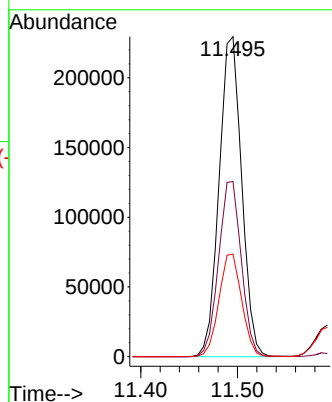
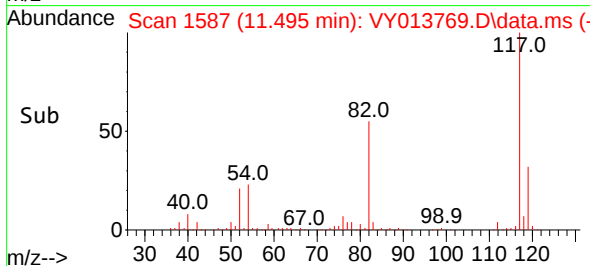
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 371620
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 32.0 24.8 37.2

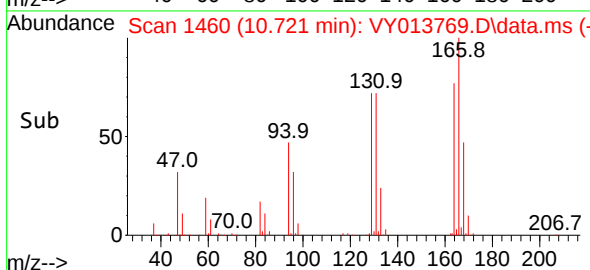
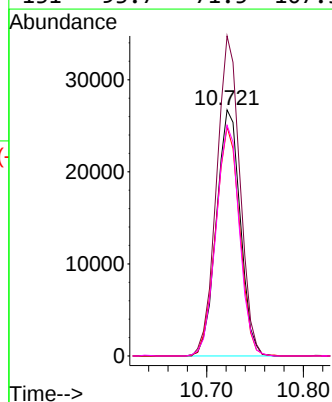
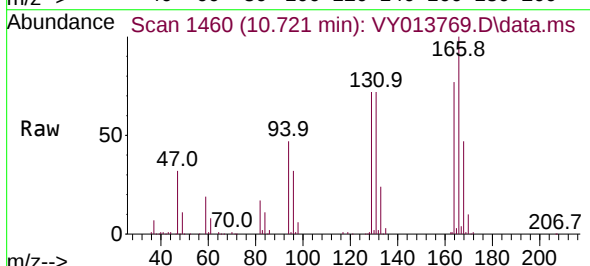
Manual Integrations
APPROVED

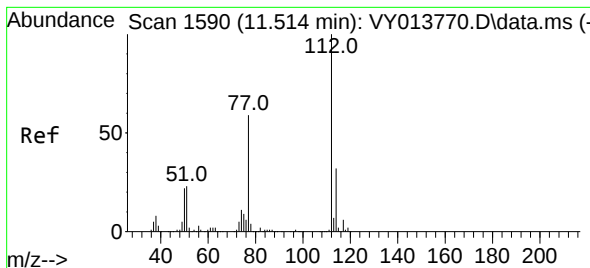
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#64
Tetrachloroethene
Concen: 19.356 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion:164 Resp: 45631
Ion Ratio Lower Upper
164 100
166 130.0 100.5 150.7
129 93.1 72.5 108.7
131 93.7 71.5 107.3





#65

Chlorobenzene

Concen: 19.249 ug/l

RT: 11.520 min Scan# 11520

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 135400

Ion Ratio Lower Upper

112 100

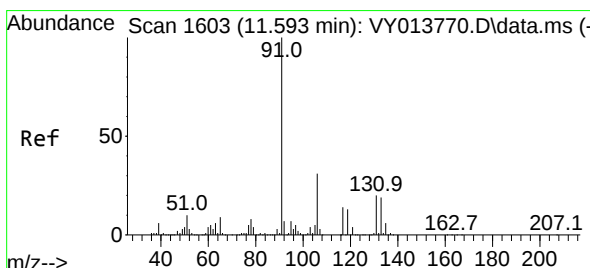
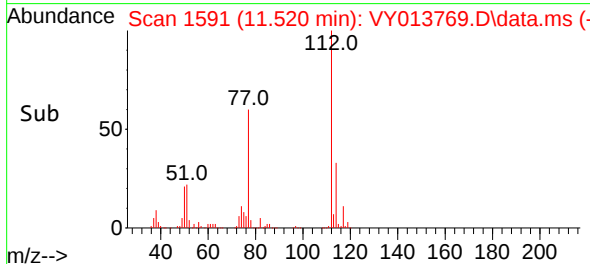
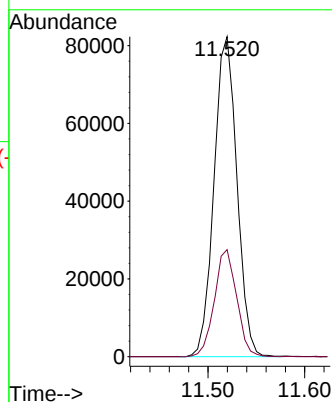
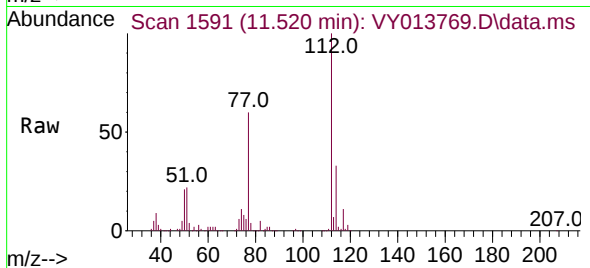
114 33.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 19.641 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

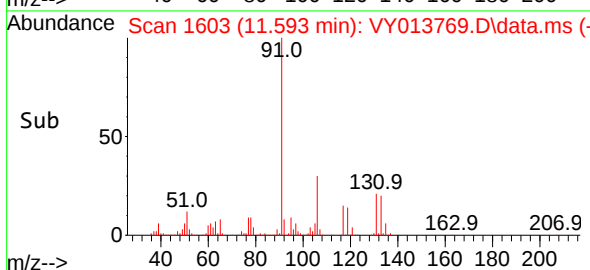
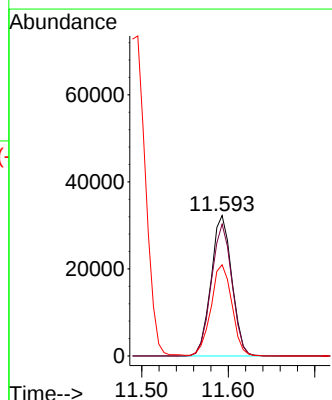
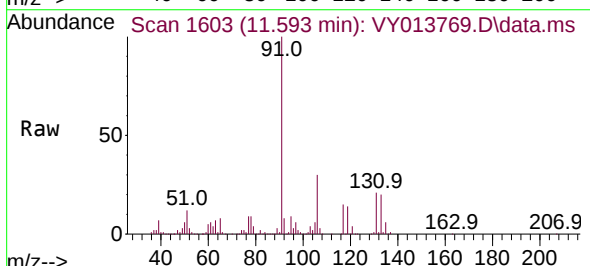
Tgt Ion:131 Resp: 53681

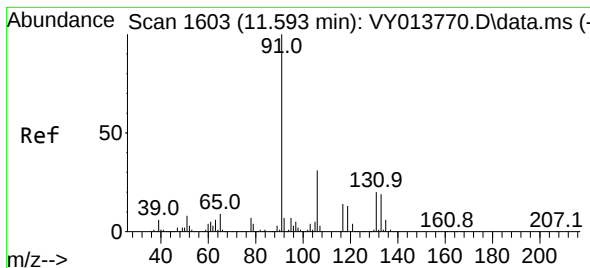
Ion Ratio Lower Upper

131 100

133 93.5 47.8 143.4

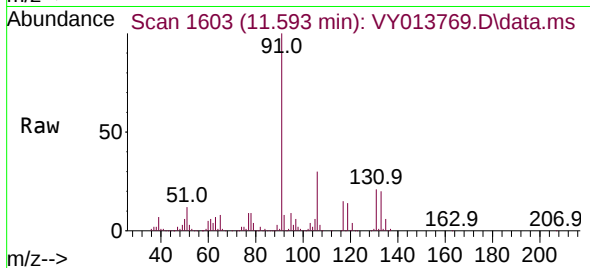
119 65.7 32.9 98.7





#67
Ethyl Benzene
Concen: 19.455 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

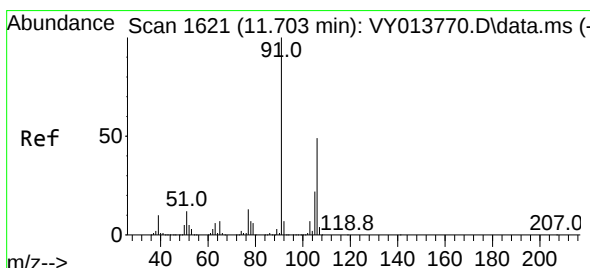
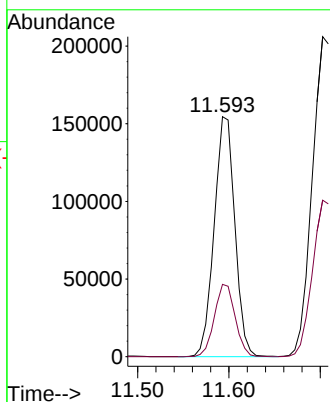
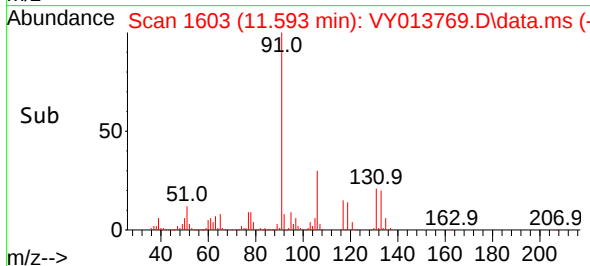
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



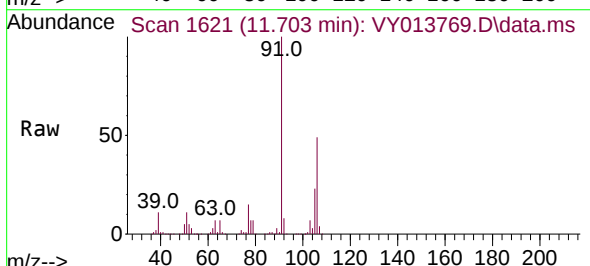
Tgt Ion: 91 Resp: 243169
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6

Manual Integrations
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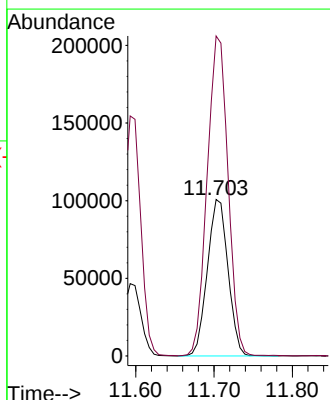
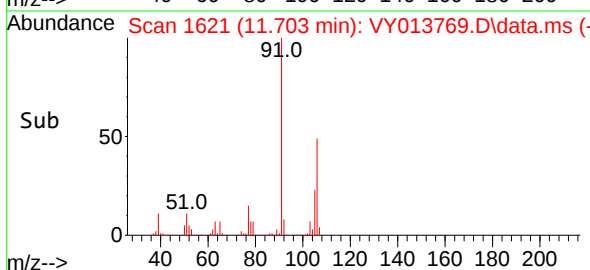
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

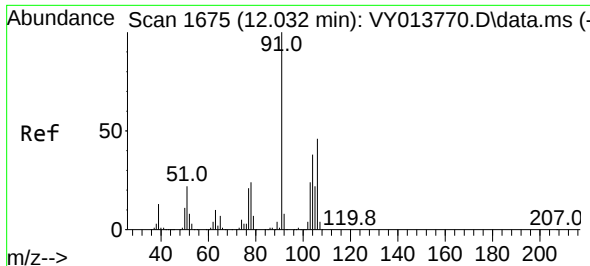


#68
m/p-Xylenes
Concen: 39.448 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion:106 Resp: 184678
Ion Ratio Lower Upper
106 100
91 206.4 164.0 246.0





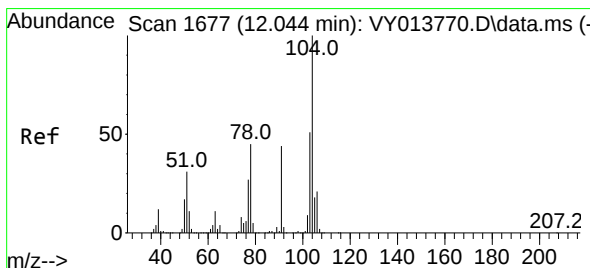
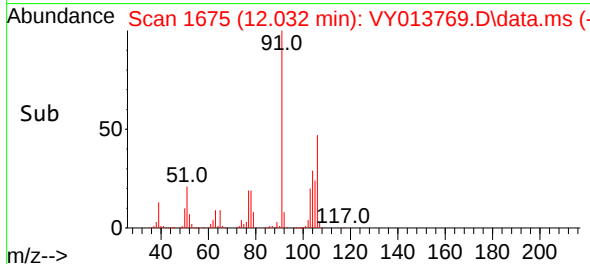
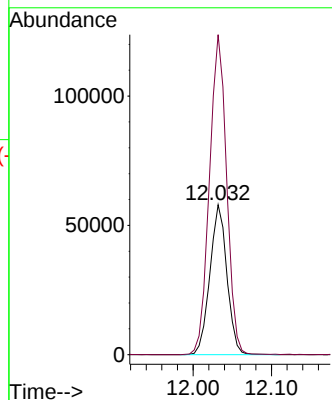
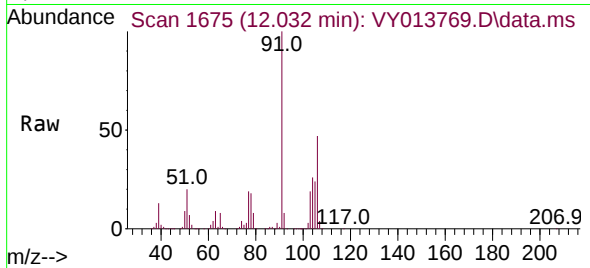
#69
o-Xylene
Concen: 19.653 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8752
Ion Ratio Lower Upper
106 100
91 215.4 108.4 325.2

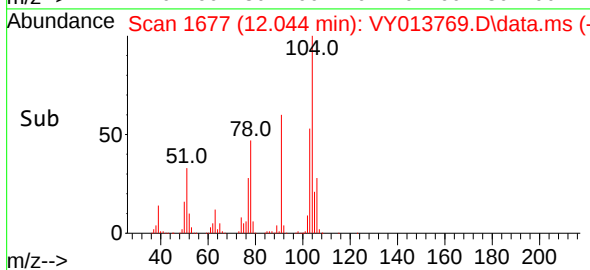
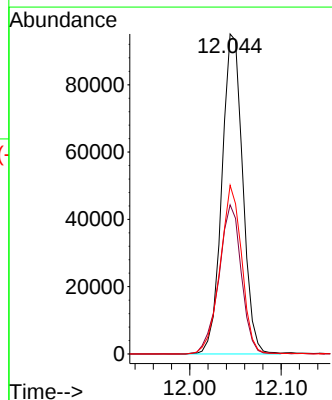
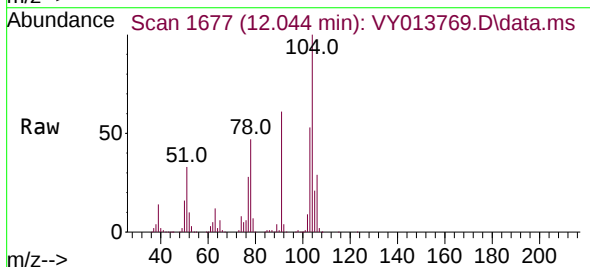
Manual Integrations
APPROVED

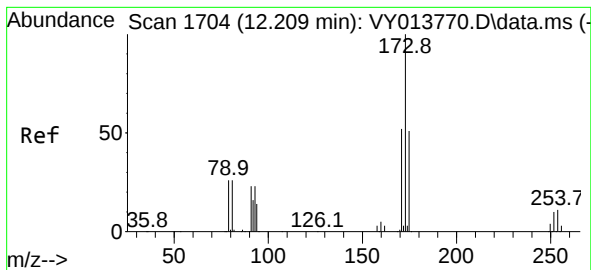
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#70
Styrene
Concen: 19.943 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

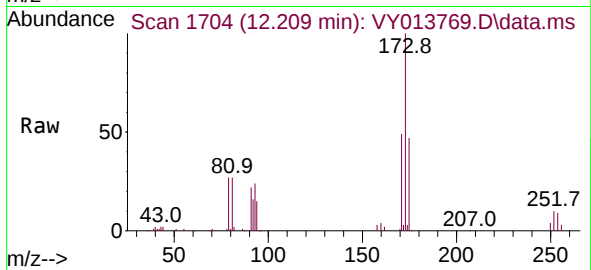
Tgt Ion:104 Resp: 150845
Ion Ratio Lower Upper
104 100
78 50.3 40.6 61.0
103 54.8 44.6 66.8





#71
Bromoform
Concen: 19.606 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

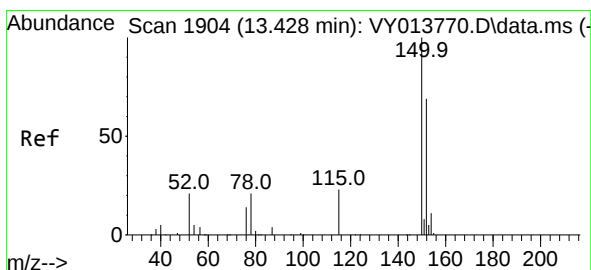
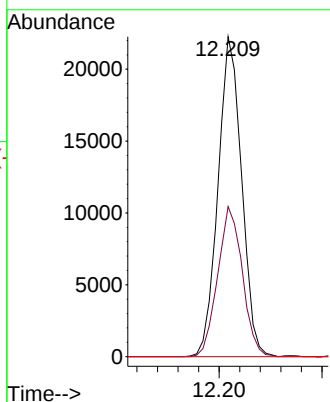
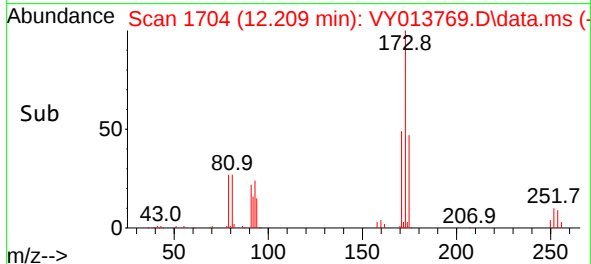
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



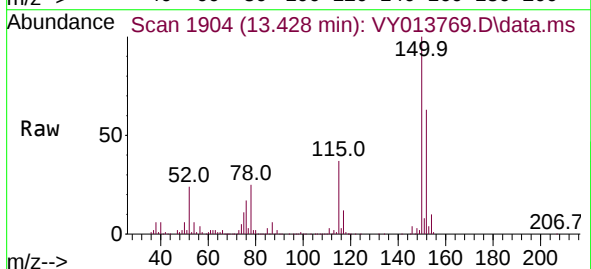
Tgt Ion:173 Resp: 3540
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

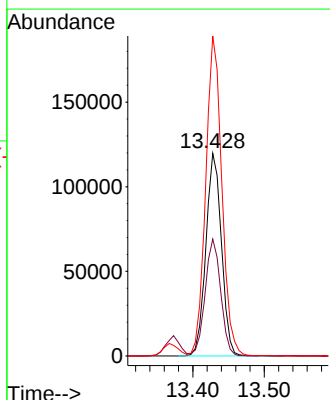
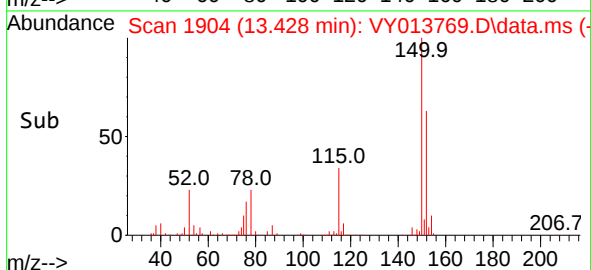
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

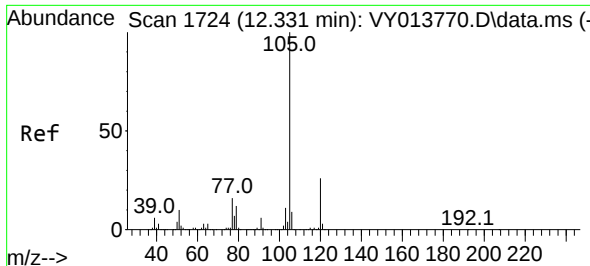


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



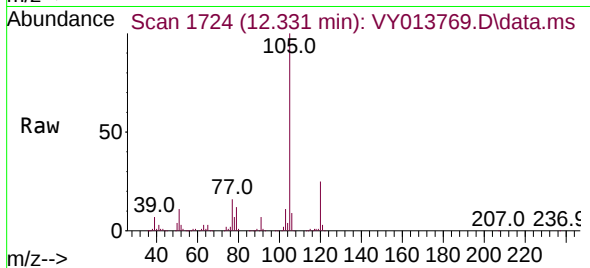
Tgt Ion:152 Resp: 180981
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 163.6 0.0 347.0





#73
Isopropylbenzene
Concen: 19.149 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

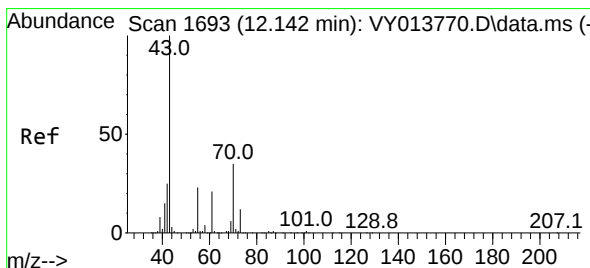
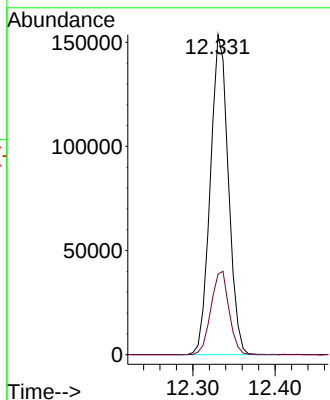
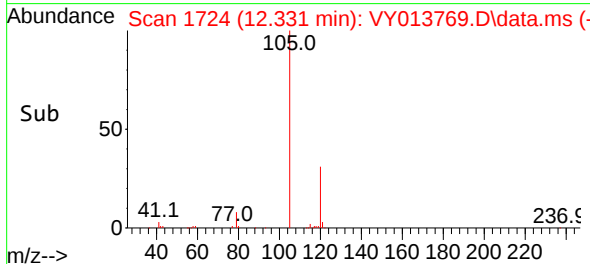
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



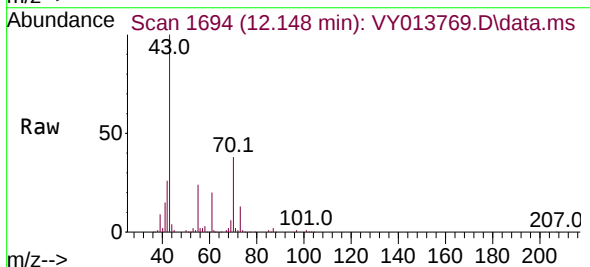
Tgt Ion: 105 Resp: 234614
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
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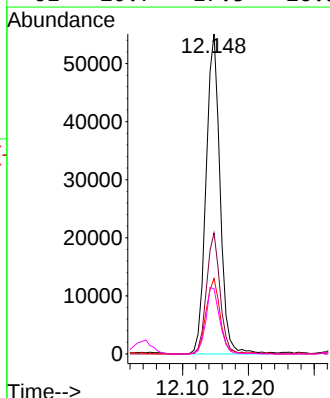
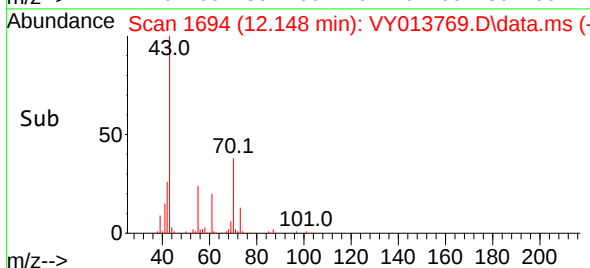
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

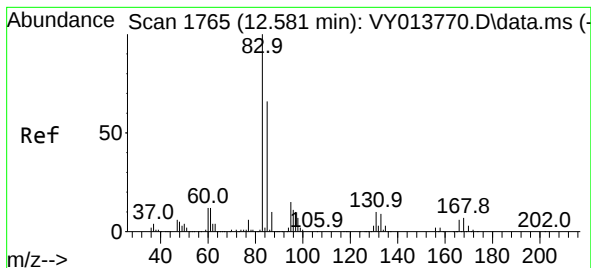


#74
N-ethyl acetate
Concen: 19.644 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 43 Resp: 81678
Ion Ratio Lower Upper
43 100
70 36.8 28.8 43.2
55 23.8 18.5 27.7
61 20.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.887 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

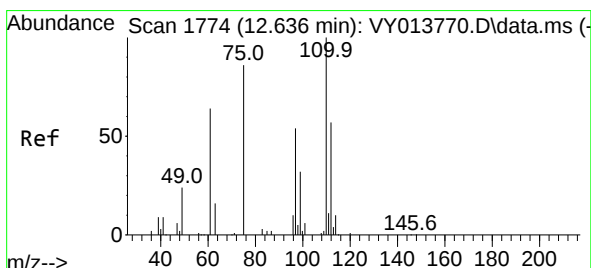
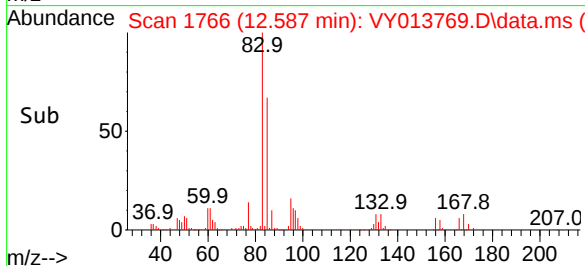
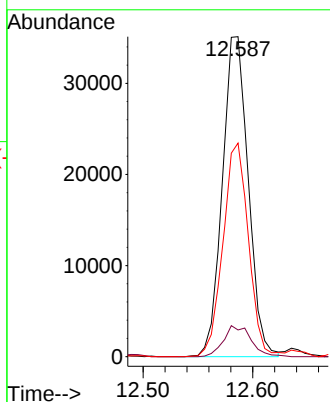
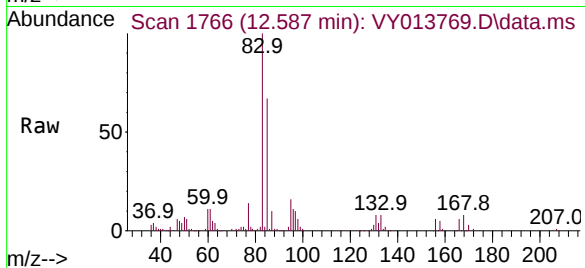
Tgt Ion:	83	Resp:	57720
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	65.8	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#76

1,2,3-Trichloropropane

Concen: 21.636 ug/l m

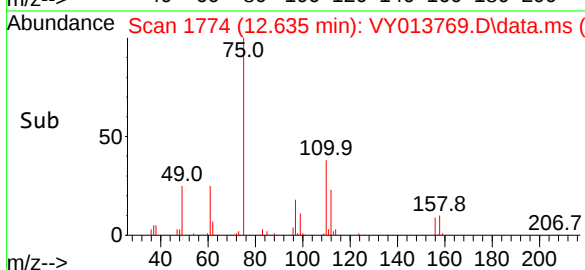
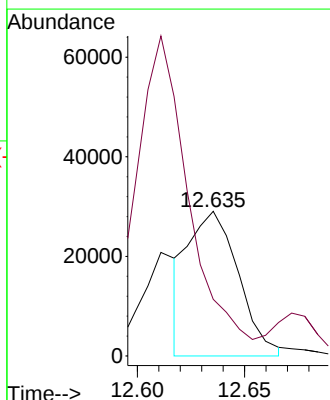
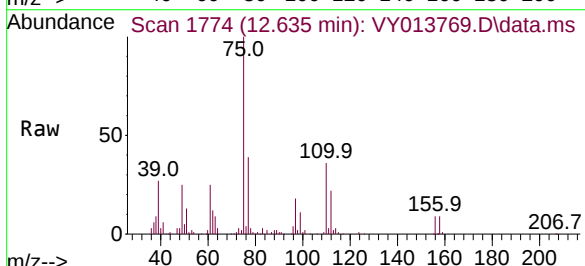
RT: 12.635 min Scan# 1774

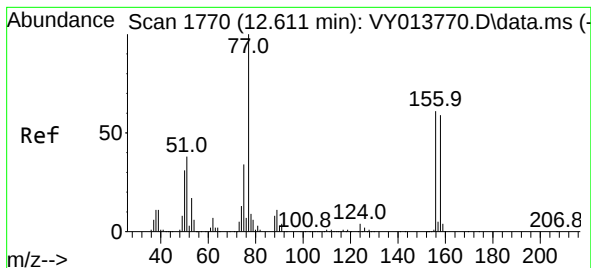
Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Tgt Ion:	75	Resp:	47274
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.606 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

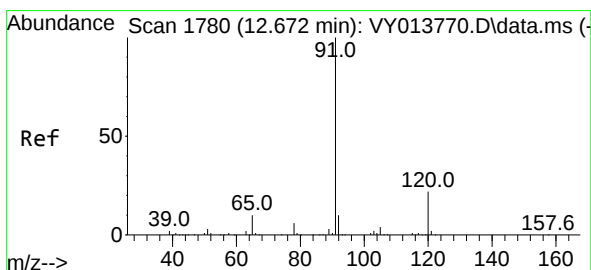
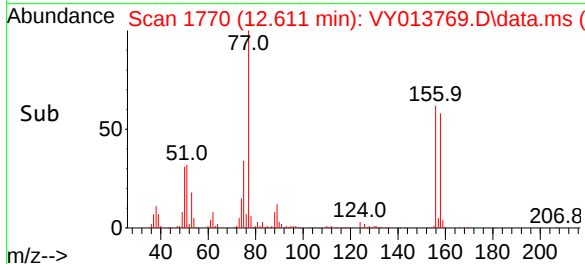
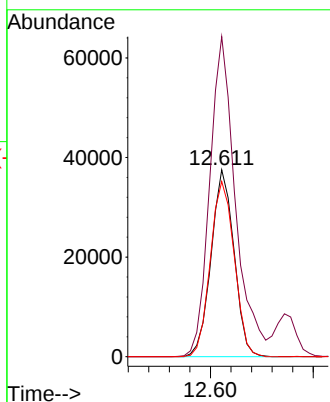
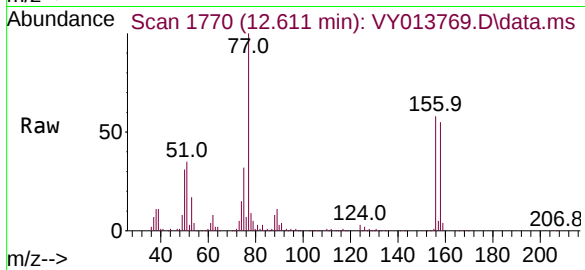
Tgt Ion:	156	Resp:	57949
Ion Ratio	Lower	Upper	
156	100		
77	192.6	97.1	291.3
158	98.1	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#78

n-propylbenzene

Concen: 19.419 ug/l

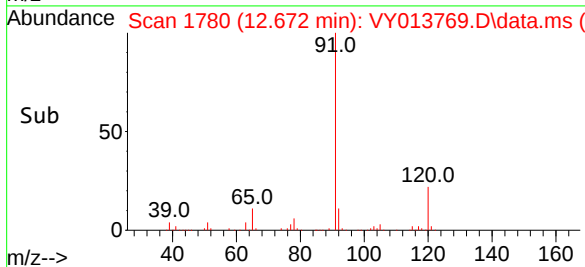
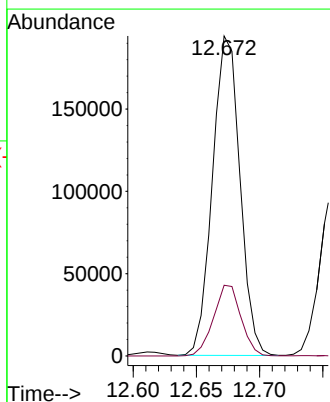
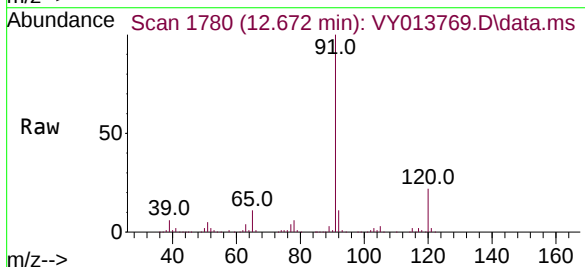
RT: 12.672 min Scan# 1780

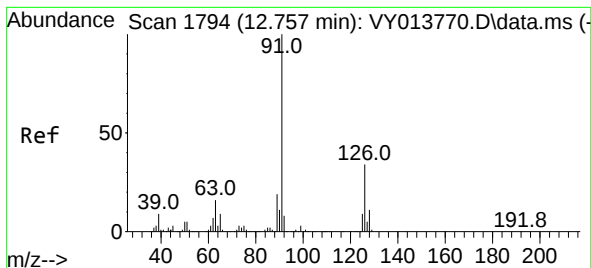
Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Tgt Ion:	91	Resp:	293092
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.9





#79

2-Chlorotoluene

Concen: 19.255 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 164019

Ion Ratio Lower Upper

91 100

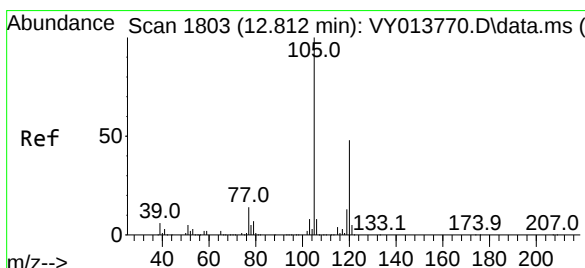
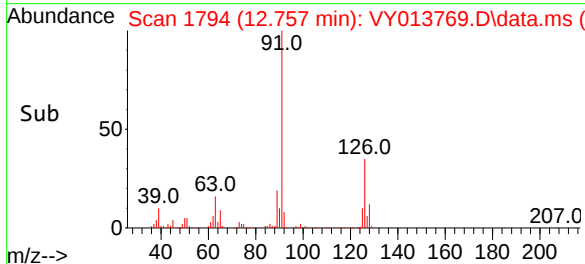
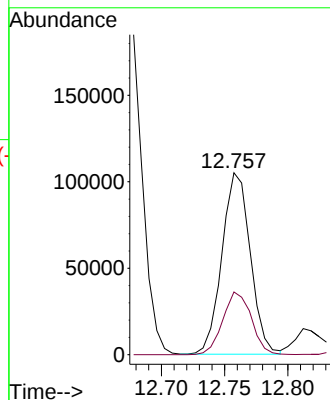
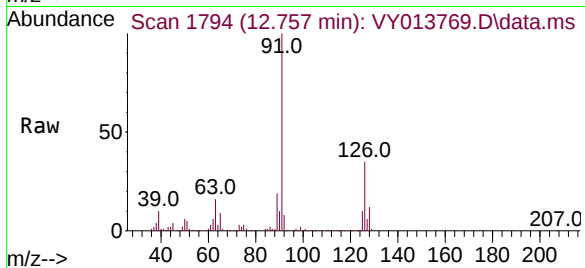
126 34.8 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.555 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY013769.D

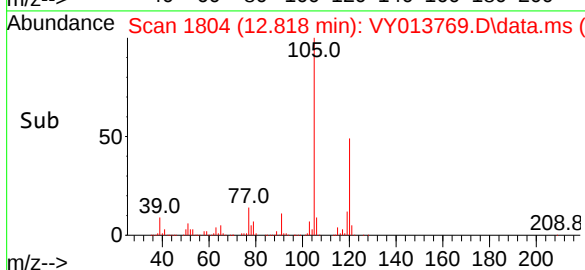
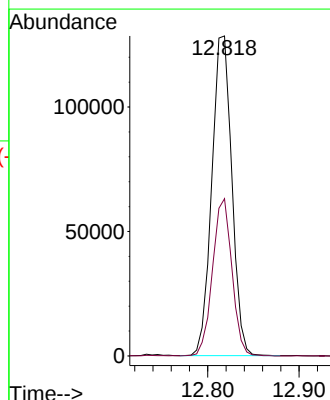
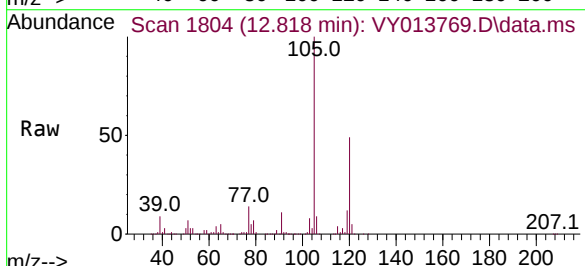
Acq: 17 May 2023 10:59

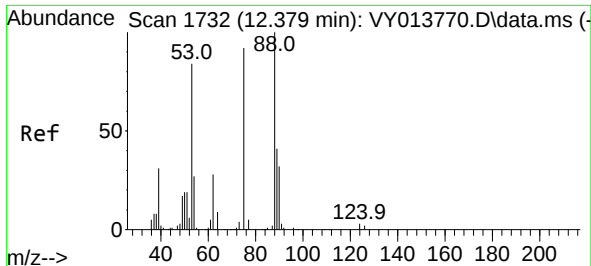
Tgt Ion:105 Resp: 195366

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.5





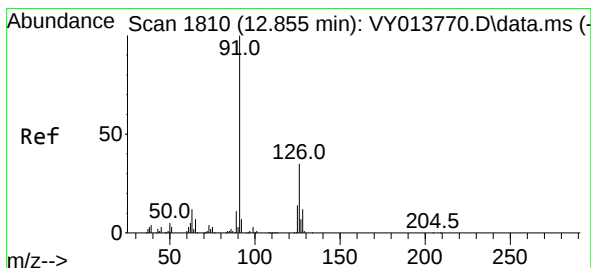
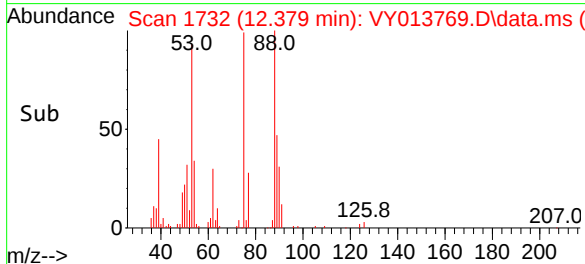
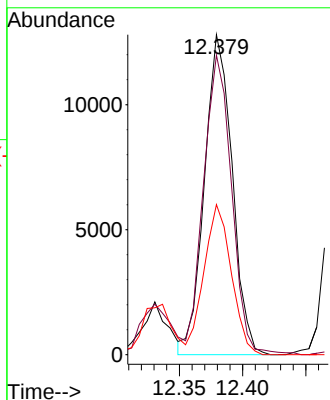
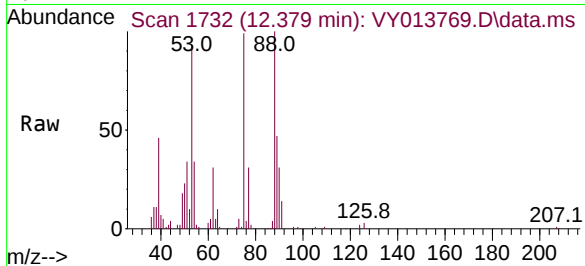
#81
trans-1,4-Dichloro-2-butene
Concen: 19.849 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 19528
Ion Ratio Lower Upper
75 100
53 94.1 75.3 112.9
89 46.2 35.4 53.2

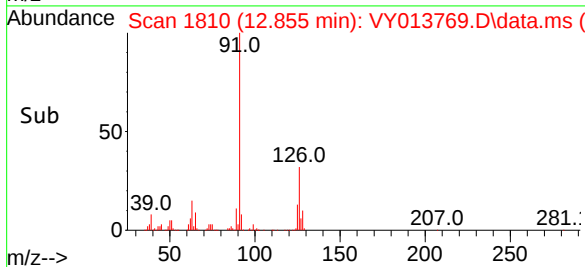
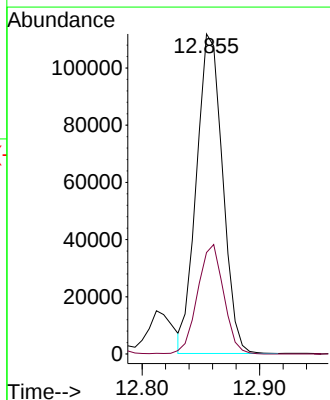
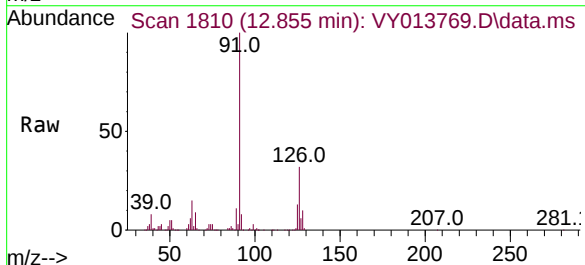
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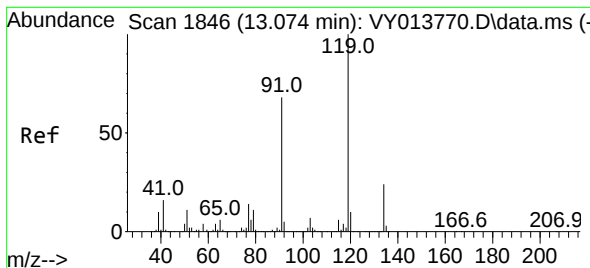
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#82
4-Chlorotoluene
Concen: 19.488 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion: 91 Resp: 172916
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4





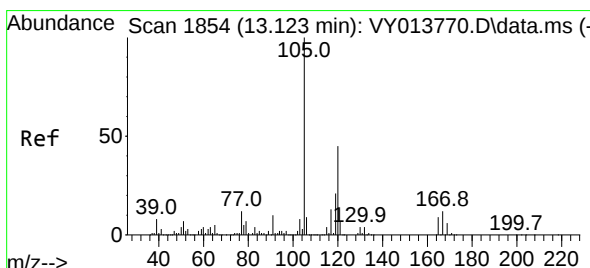
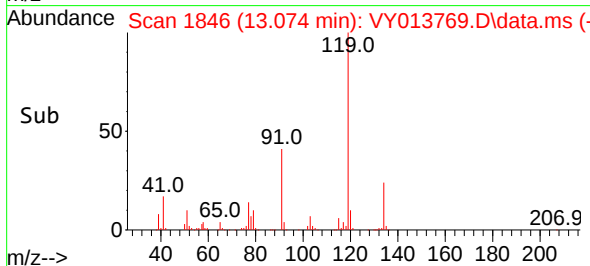
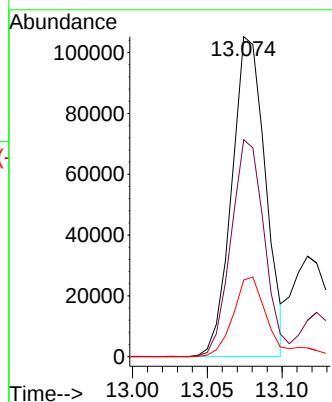
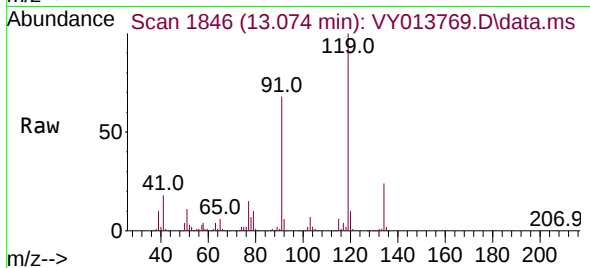
#83
tert-Butylbenzene
Concen: 18.909 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument : MSVOA_Y
ClientSampleId : VSTDICC020

Tgt Ion:119 Resp: 164512
Ion Ratio Lower Upper
119 100
91 67.2 33.3 99.9
134 26.4 13.1 39.1

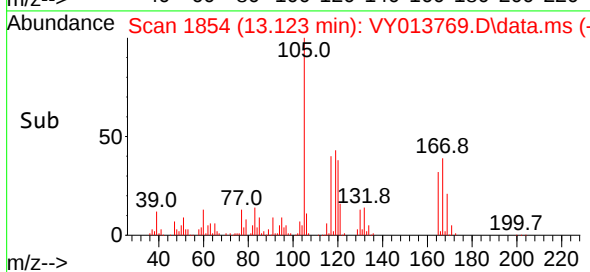
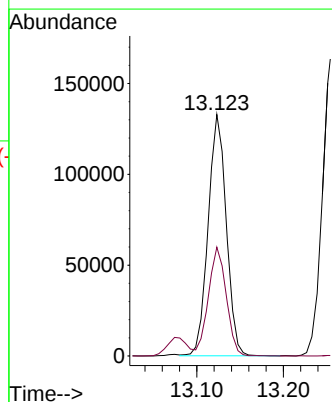
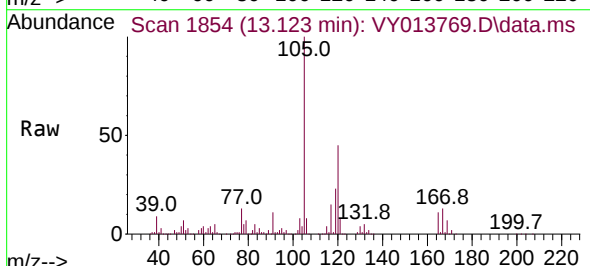
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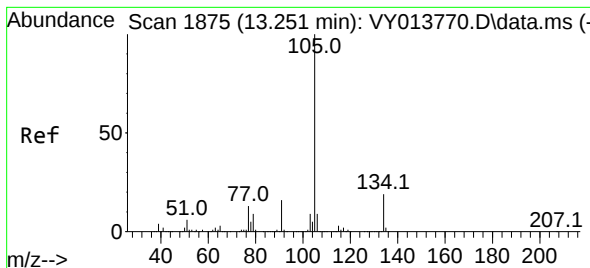
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.760 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion:105 Resp: 193486
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.641 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 257824

Ion Ratio Lower Upper

105 100

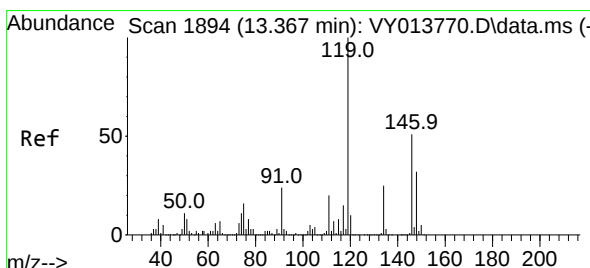
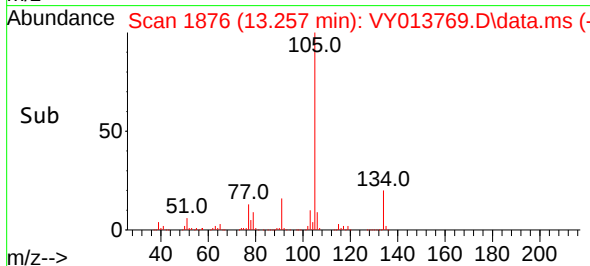
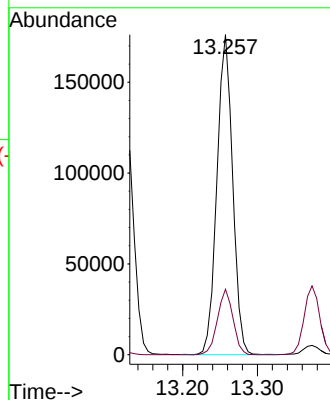
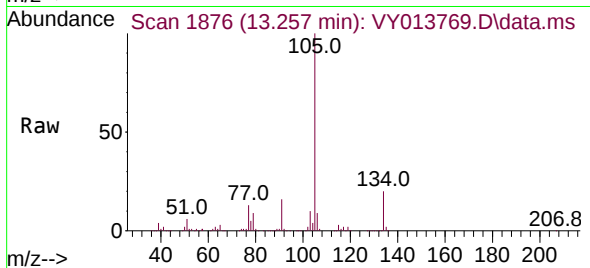
134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#86

p-Isopropyltoluene

Concen: 19.776 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

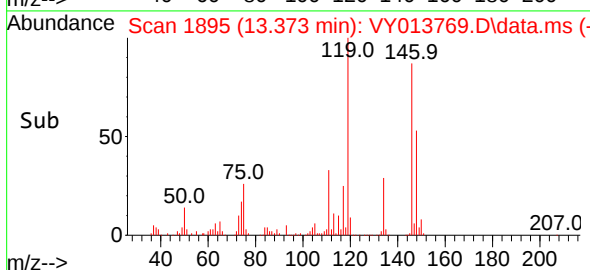
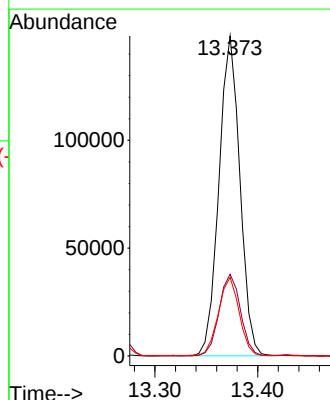
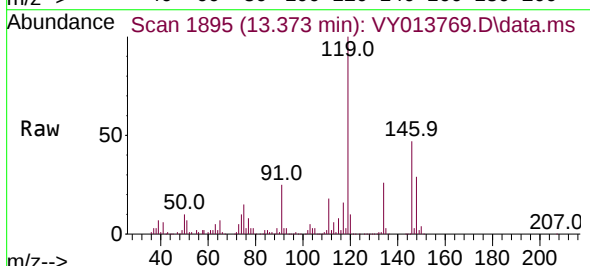
Tgt Ion:119 Resp: 209625

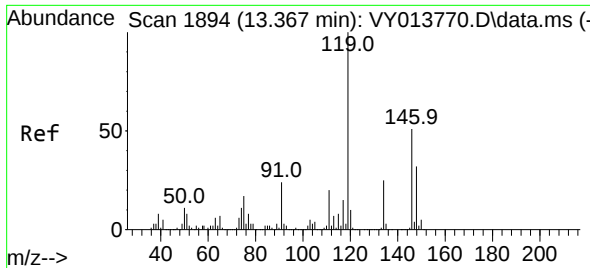
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.1 11.8 35.4





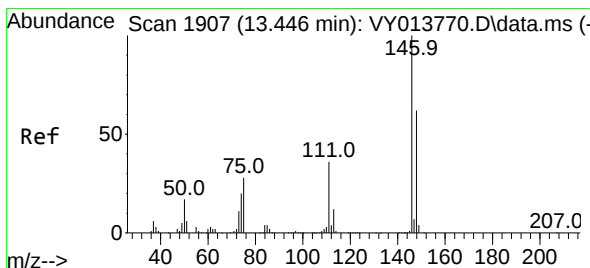
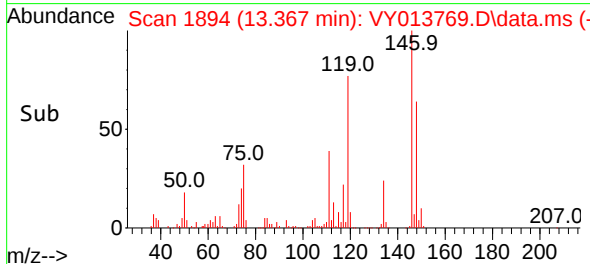
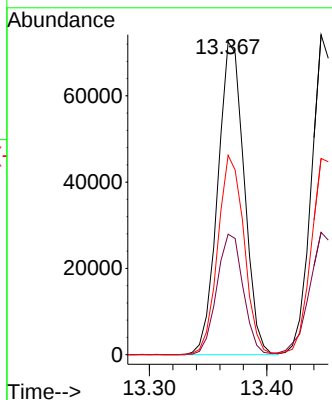
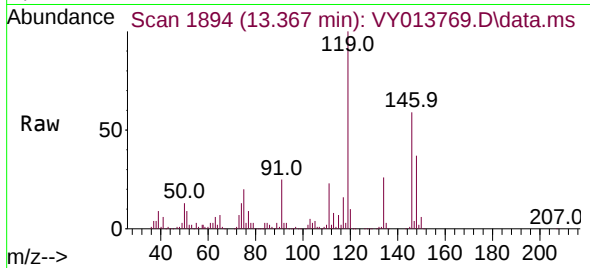
#87
1,3-Dichlorobenzene
Concen: 19.680 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 113230
Ion Ratio Lower Upper
146 100
111 38.6 19.7 59.0
148 63.4 31.9 95.7

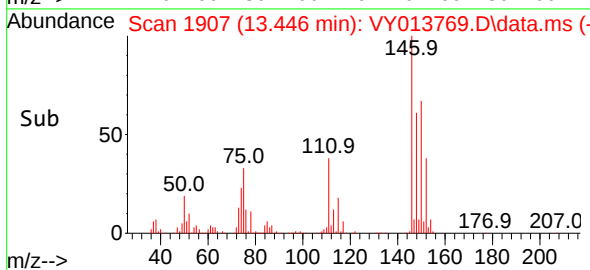
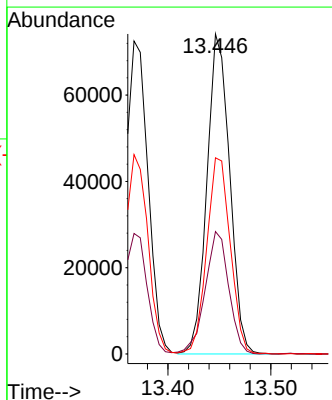
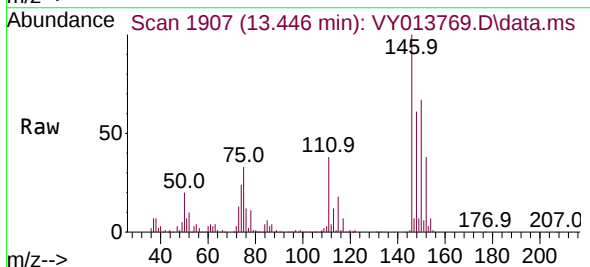
Manual Integrations
APPROVED

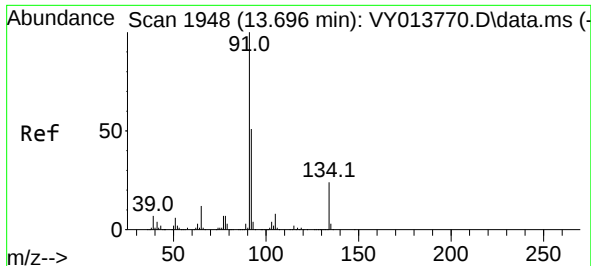
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#88
1,4-Dichlorobenzene
Concen: 19.741 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Tgt Ion:146 Resp: 114216
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 63.5 31.6 94.7





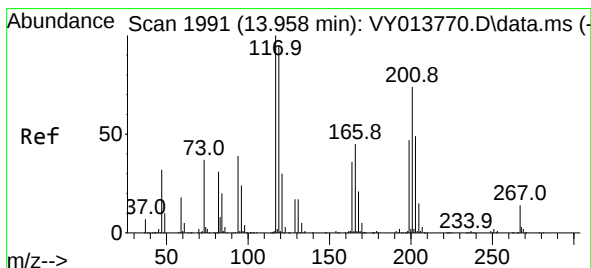
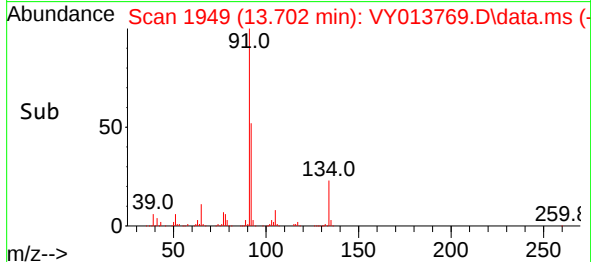
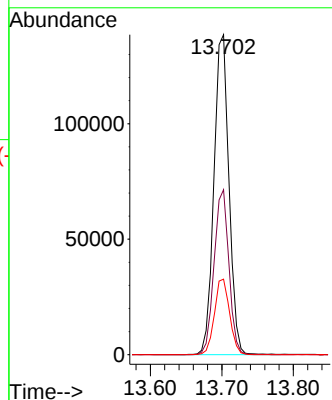
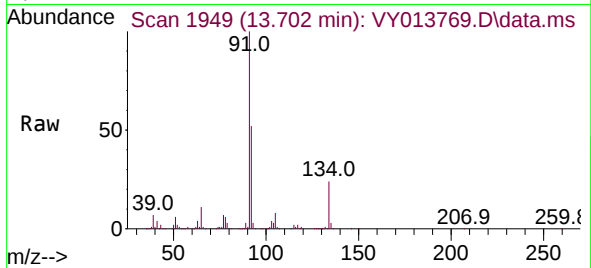
#89
n-Butylbenzene
Concen: 19.443 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 20206
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.4
134 23.9 12.2 36.6

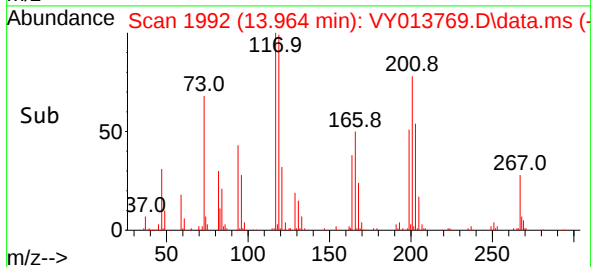
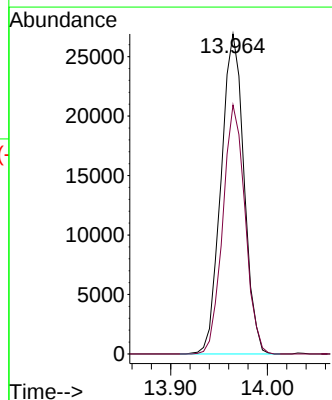
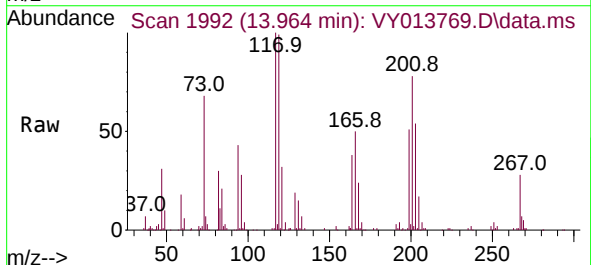
Manual Integrations
APPROVED

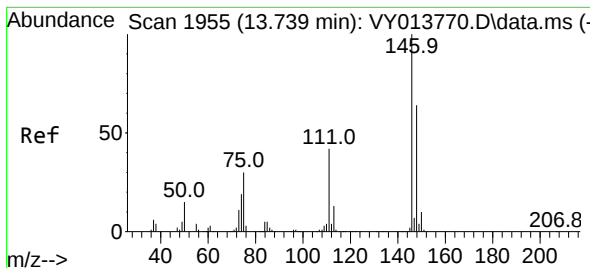
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#90
Hexachloroethane
Concen: 19.770 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

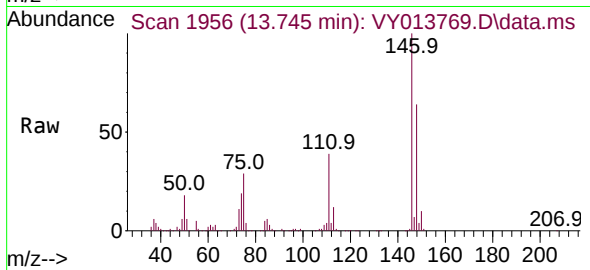
Tgt Ion:117 Resp: 44285
Ion Ratio Lower Upper
117 100
201 75.4 39.2 117.6





#91
1,2-Dichlorobenzene
Concen: 19.657 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59

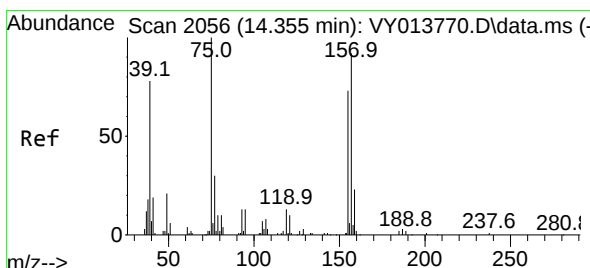
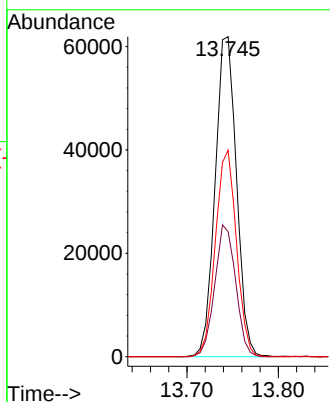
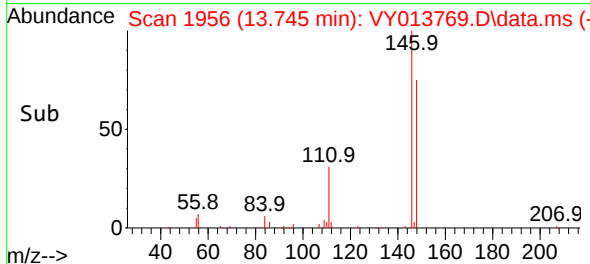
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



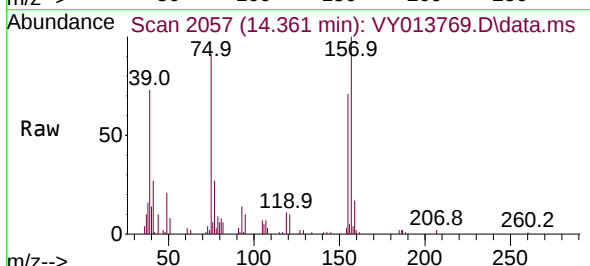
Tgt Ion:146 Resp: 10071
Ion Ratio Lower Upper
146 100
111 40.4 20.0 59.9
148 63.5 31.9 95.5

Manual Integrations
APPROVED

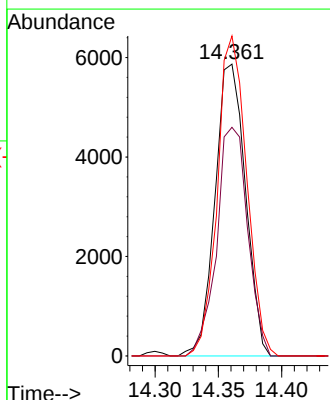
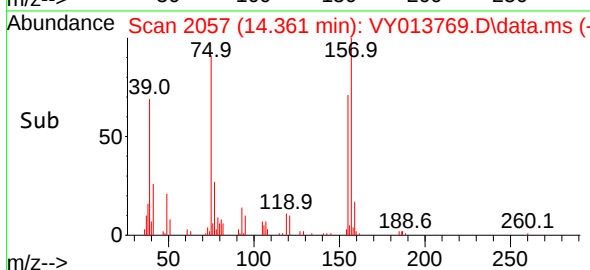
Reviewed By :Krupa Patel 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

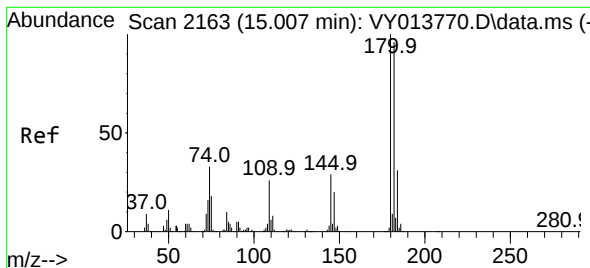


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.866 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013769.D
Acq: 17 May 2023 10:59



Tgt Ion: 75 Resp: 9813
Ion Ratio Lower Upper
75 100
155 79.8 39.1 117.3
157 105.6 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 20.043 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

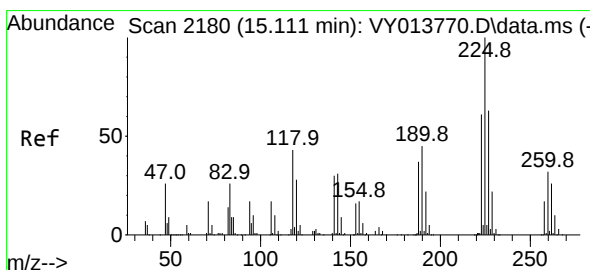
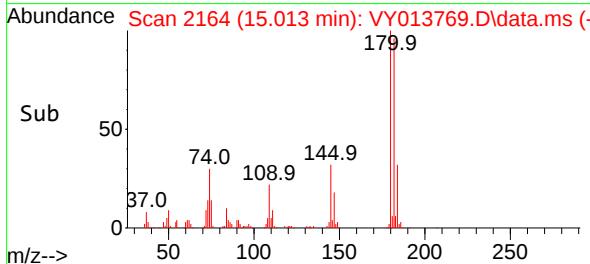
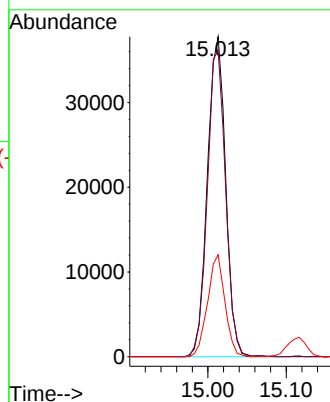
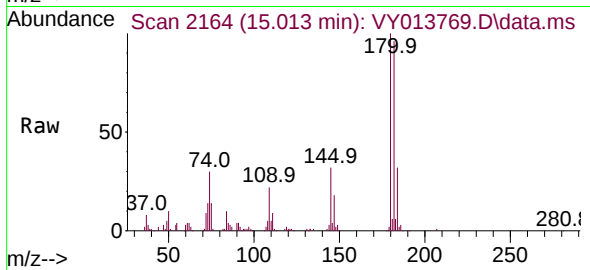
Tgt Ion:180	Resp: 6094
Ion Ratio	Lower Upper
180 100	
182 95.6	47.4 142.3
145 30.2	14.9 44.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#94

Hexachlorobutadiene

Concen: 20.548 ug/l

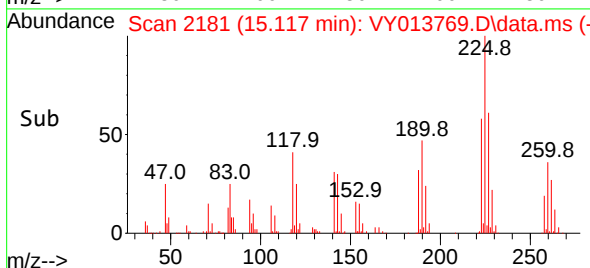
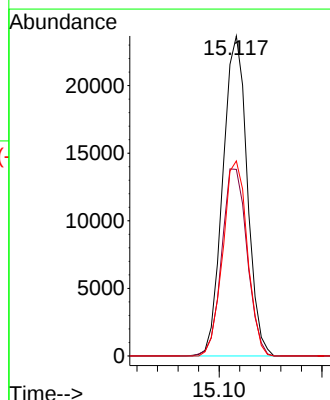
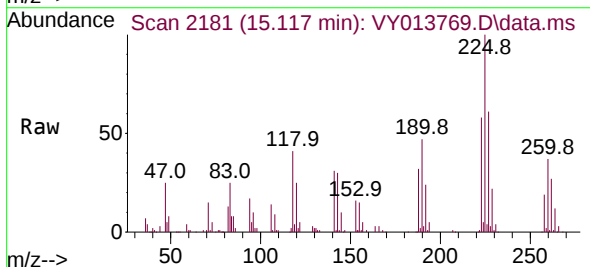
RT: 15.117 min Scan# 2181

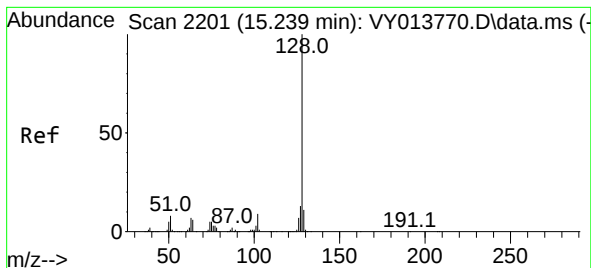
Delta R.T. 0.006 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Tgt Ion:225	Resp: 38812
Ion Ratio	Lower Upper
225 100	
223 60.8	30.6 91.6
227 61.2	31.6 94.7





#95

Naphthalene

Concen: 19.993 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 120650

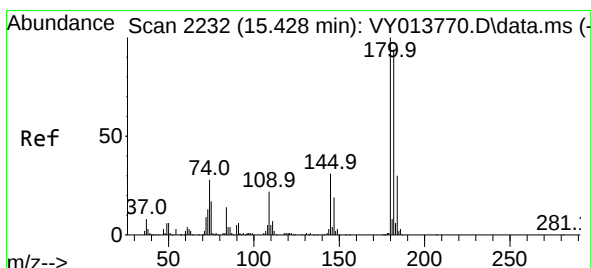
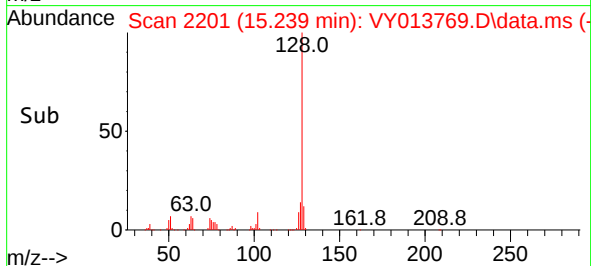
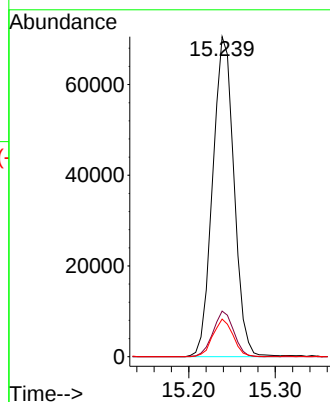
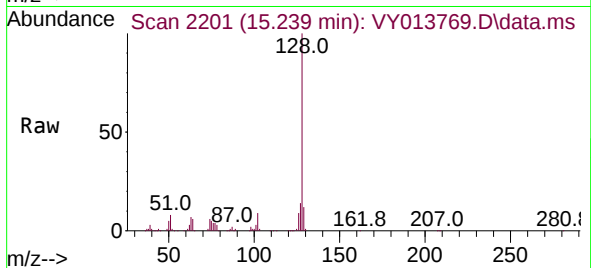
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.283 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY013769.D

Acq: 17 May 2023 10:59

Tgt Ion:180 Resp: 55488

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.4
145	31.5	15.6	46.7

