

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012170.D
 Acq On : 12 Jan 2023 12:02
 Operator : KP/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87858	43.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.480%		
35) Dibromofluoromethane	7.716	113	86859	47.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.140%		
50) Toluene-d8	10.179	98	323818	44.928	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.860%		
62) 4-Bromofluorobenzene	12.483	95	120197	47.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34618	21.935	ug/l	100
3) Chloromethane	2.113	50	37057	26.703	ug/l	98
4) Vinyl Chloride	2.253	62	40745	23.182	ug/l	96
5) Bromomethane	2.643	94	27733	21.730	ug/l	95
6) Chloroethane	2.796	64	25871	22.217	ug/l	94
7) Trichlorofluoromethane	3.131	101	71369	20.382	ug/l	100
8) Diethyl Ether	3.533	74	23568	21.984	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	40204	22.300	ug/l	97
10) Methyl Iodide	4.094	142	54283	22.211	ug/l	99
11) Tert butyl alcohol	4.954	59	25829	87.279	ug/l	95
12) 1,1-Dichloroethene	3.875	96	40451	22.886	ug/l	94
13) Acrolein	3.735	56	13993	114.673	ug/l	100
14) Allyl chloride	4.478	41	56715	23.803	ug/l	97
15) Acrylonitrile	5.161	53	54628	108.457	ug/l	99
16) Acetone	3.942	43	51736	108.230	ug/l	100
17) Carbon Disulfide	4.198	76	117227	25.161	ug/l	100
18) Methyl Acetate	4.478	43	28494	20.722	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	106083	20.392	ug/l	96
20) Methylene Chloride	4.716	84	58804	26.292	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	45096	23.058	ug/l	93
22) Diisopropyl ether	6.118	45	118400	24.156	ug/l	97
23) Vinyl Acetate	6.063	43	335297	113.047	ug/l	98
24) 1,1-Dichloroethane	6.015	63	75480	23.151	ug/l	99
25) 2-Butanone	6.984	43	67586	107.163	ug/l	95
26) 2,2-Dichloropropane	6.978	77	72709	20.673	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	49635	22.220	ug/l	98
28) Bromochloromethane	7.338	49	9691	11.757	ug/l	90
29) Tetrahydrofuran	7.350	42	40188	109.166	ug/l	94
30) Chloroform	7.508	83	81219	21.854	ug/l	98
31) Cyclohexane	7.789	56	66404	24.052	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	75540	20.927	ug/l	99
36) 1,1-Dichloropropene	7.917	75	60227	21.739	ug/l	99
37) Ethyl Acetate	7.075	43	29547	19.919	ug/l	96
38) Carbon Tetrachloride	7.905	117	69831	19.859	ug/l	98
39) Methylcyclohexane	9.185	83	72476	21.900	ug/l	99
40) Benzene	8.161	78	178985	22.171	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	16260m	20.154	ug/l	
42) 1,2-Dichloroethane	8.240	62	50455	19.741	ug/l	98
43) Isopropyl Acetate	8.270	43	51400	20.676	ug/l	98
44) Trichloroethene	8.941	130	51020	21.644	ug/l	98
45) 1,2-Dichloropropane	9.215	63	41185	22.897	ug/l	97
46) Dibromomethane	9.307	93	24066	21.253	ug/l	98
47) Bromodichloromethane	9.496	83	60049	20.856	ug/l	99
48) Methyl methacrylate	9.295	41	22526	20.229	ug/l	92
49) 1,4-Dioxane	9.301	88	6395	407.836	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	134600	101.756	ug/l	97
52) Toluene	10.246	92	116513	21.804	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	61551	20.550	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	70033	21.613	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	34276	20.958	ug/l	99
56) Ethyl methacrylate	10.508	69	43990	20.533	ug/l	95
57) 1,3-Dichloropropane	10.788	76	57755	21.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	81613	104.146	ug/l	94
59) 2-Hexanone	10.831	43	94430	101.666	ug/l	95
60) Dibromochloromethane	10.983	129	43232	20.048	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32744	20.919	ug/l	99
64) Tetrachloroethene	10.721	164	53599	21.674	ug/l	98
65) Chlorobenzene	11.514	112	123026	21.339	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	46838	21.042	ug/l	99
67) Ethyl Benzene	11.593	91	216419	21.001	ug/l	99
68) m/p-Xylenes	11.703	106	171773	42.499	ug/l	98
69) o-Xylene	12.032	106	82077	21.327	ug/l	97
70) Styrene	12.044	104	135831	20.778	ug/l	98
71) Bromoform	12.209	173	28167	19.916	ug/l #	99
73) Isopropylbenzene	12.331	105	219569	21.031	ug/l	99
74) N-amyl acetate	12.142	43	44016	20.421	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	36726	20.912	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	24851m	16.495	ug/l	
77) Bromobenzene	12.611	156	51389	20.637	ug/l	95
78) n-propylbenzene	12.672	91	260737	21.393	ug/l	99
79) 2-Chlorotoluene	12.757	91	146323	20.988	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	188147	21.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13920	20.520	ug/l	95
82) 4-Chlorotoluene	12.855	91	151522	20.779	ug/l	99
83) tert-Butylbenzene	13.074	119	160108	20.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	187432	21.145	ug/l	100
85) sec-Butylbenzene	13.251	105	235030	20.841	ug/l	98
86) p-Isopropyltoluene	13.373	119	203331	20.812	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	102298	20.495	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101378	20.332	ug/l	99
89) n-Butylbenzene	13.696	91	180240	21.289	ug/l	99
90) Hexachloroethane	13.958	117	37956	20.941	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	90507	20.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6515	18.665	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	55279	19.939	ug/l	98
94) Hexachlorobutadiene	15.111	225	35622	21.296	ug/l	98
95) Naphthalene	15.239	128	98975	18.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46248	19.187	ug/l	99

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

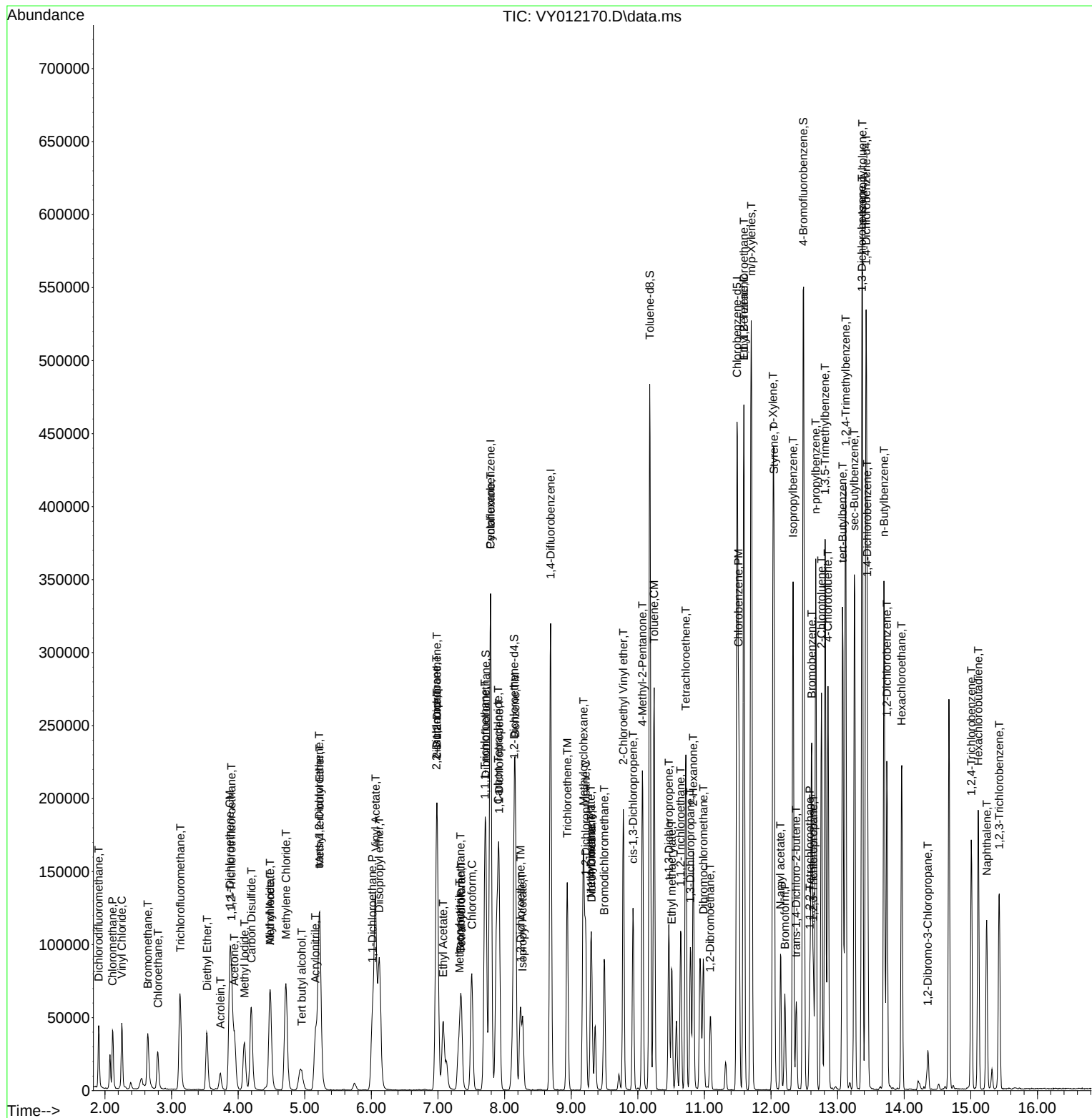
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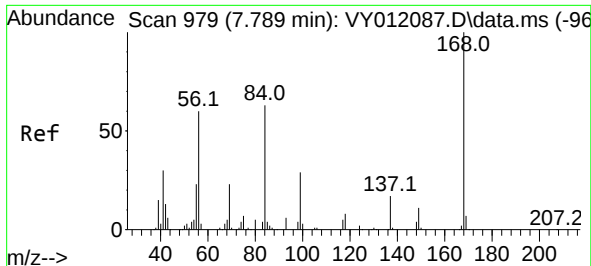
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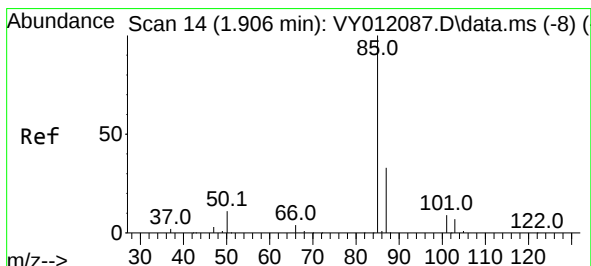
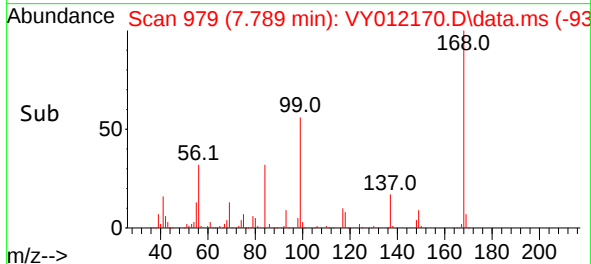
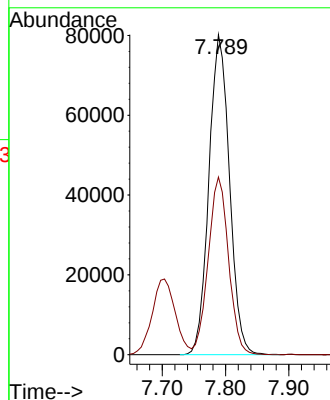
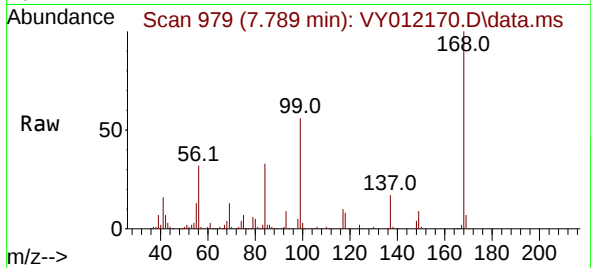
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012170.D
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Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:168 Resp: 18084
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0

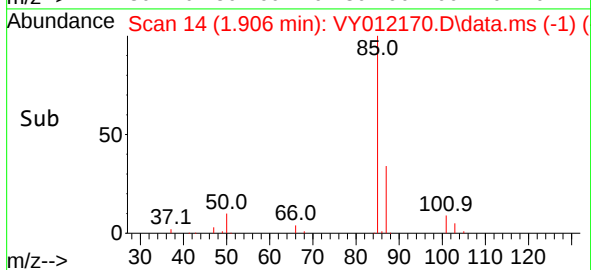
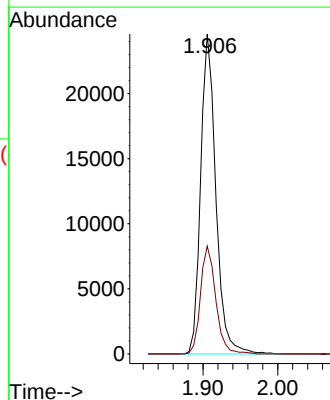
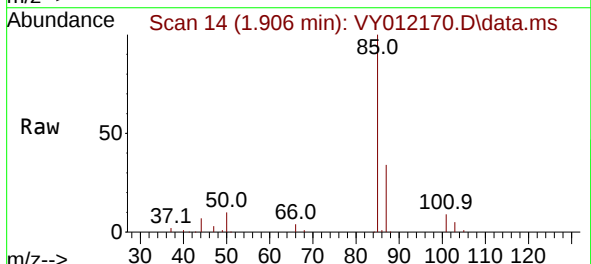
Manual Integrations
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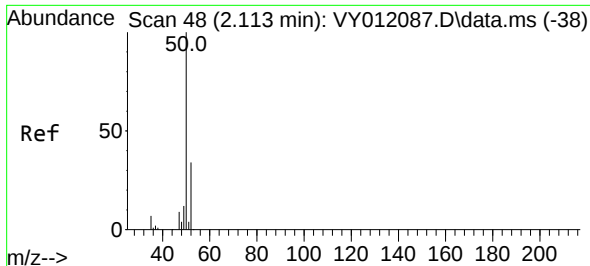
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 21.935 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

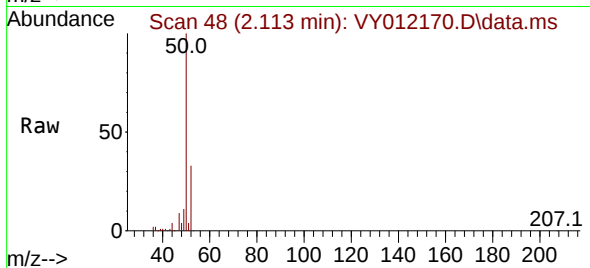
Tgt Ion: 85 Resp: 34618
Ion Ratio Lower Upper
85 100
87 33.7 16.8 50.4





#3
Chloromethane
Concen: 26.703 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

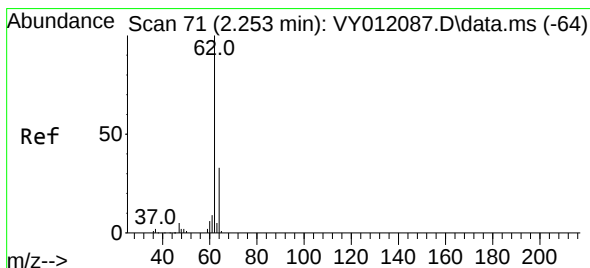
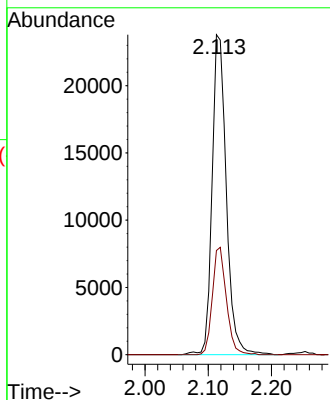
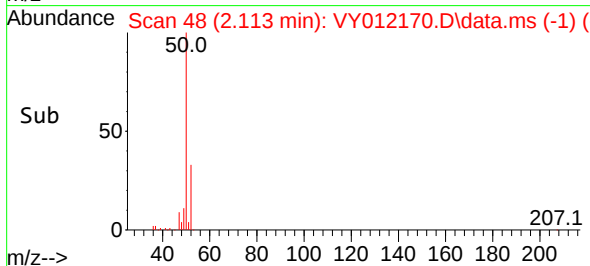
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 50 Resp: 3705
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2

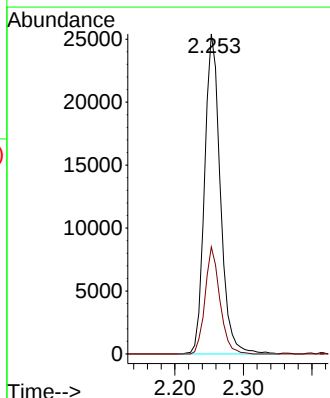
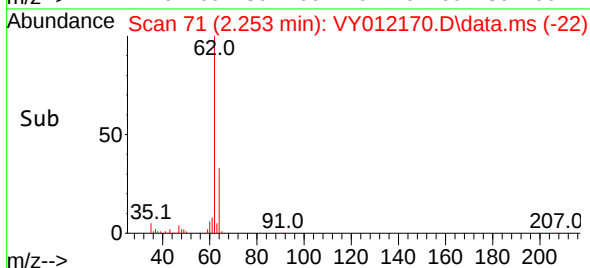
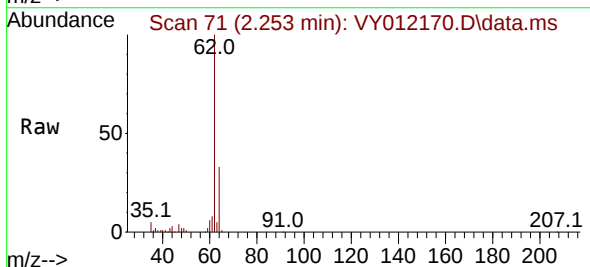
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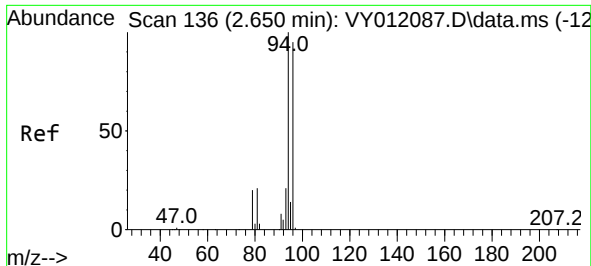
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#4
Vinyl Chloride
Concen: 23.182 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 62 Resp: 40745
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.6





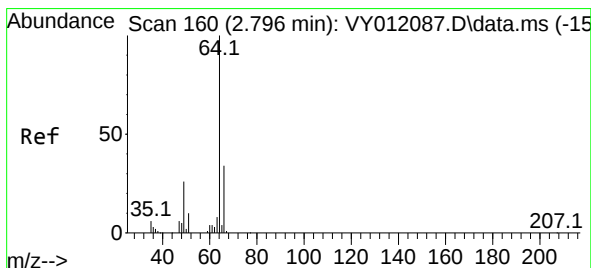
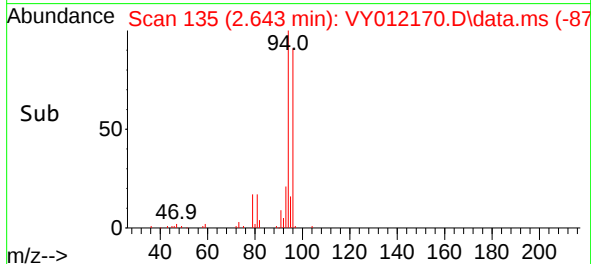
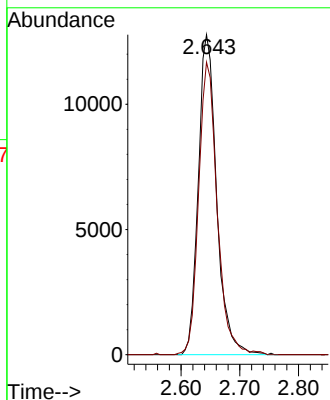
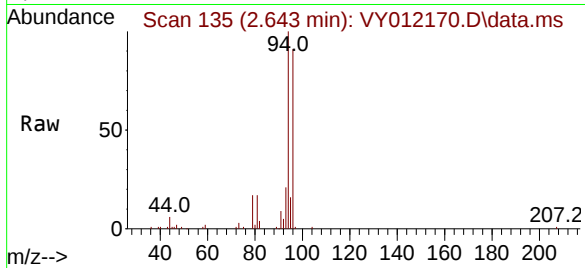
#5
Bromomethane
Concen: 21.730 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012170.D
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Tgt Ion: 94 Resp: 2773
Ion Ratio Lower Upper
94 100
96 91.4 77.4 116.2

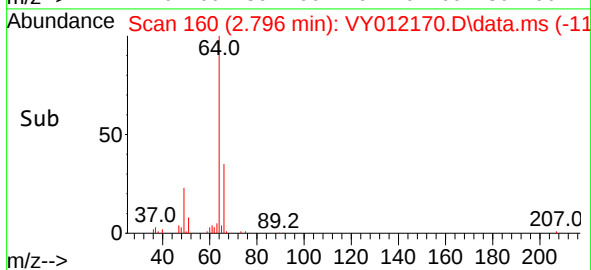
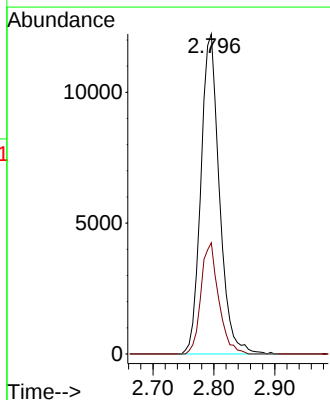
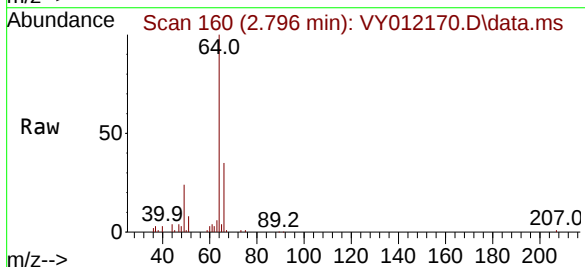
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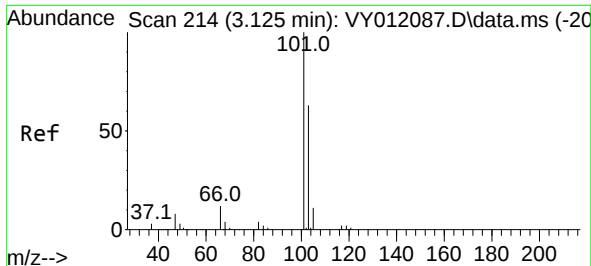
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#6
Chloroethane
Concen: 22.217 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 64 Resp: 25871
Ion Ratio Lower Upper
64 100
66 34.8 25.0 37.4





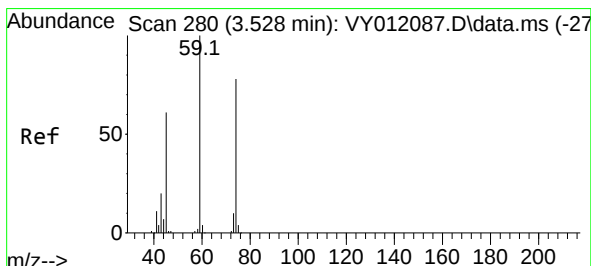
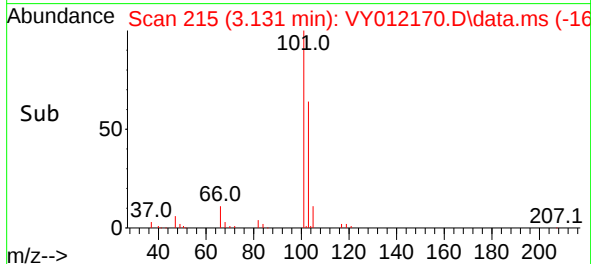
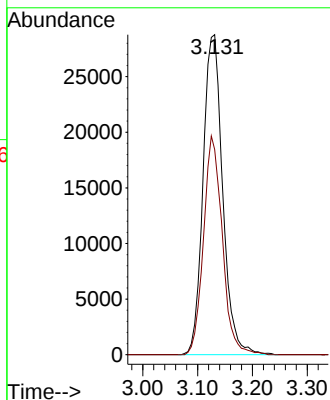
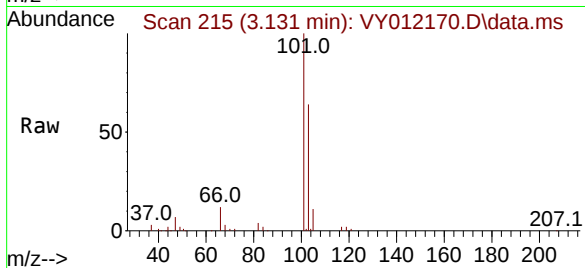
#7
Trichlorofluoromethane
Concen: 20.382 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

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Tgt Ion:101 Resp: 71369
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

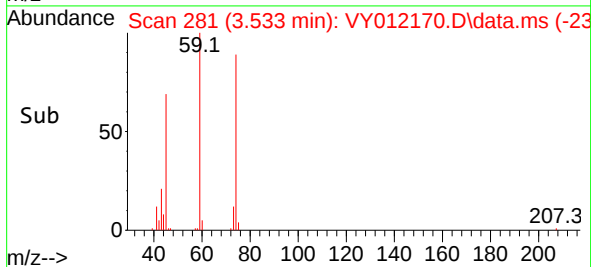
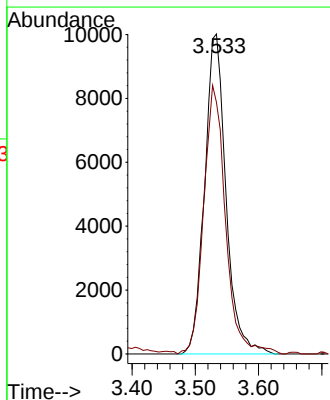
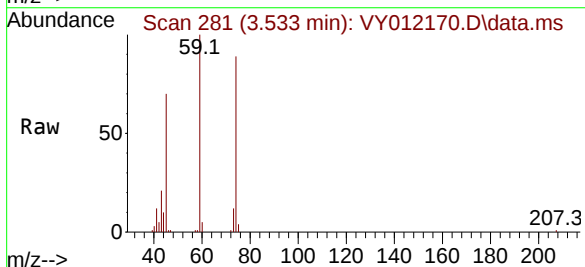
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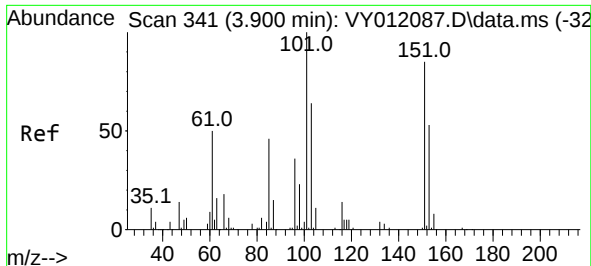
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#8
Diethyl Ether
Concen: 21.984 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.005 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 74 Resp: 23568
Ion Ratio Lower Upper
74 100
45 85.6 46.8 140.3





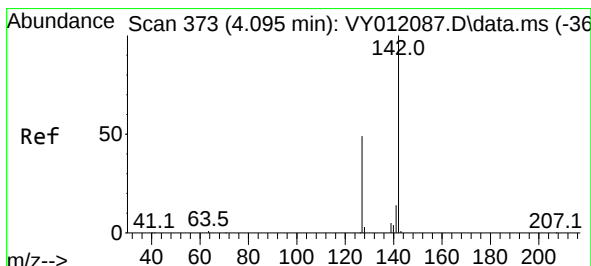
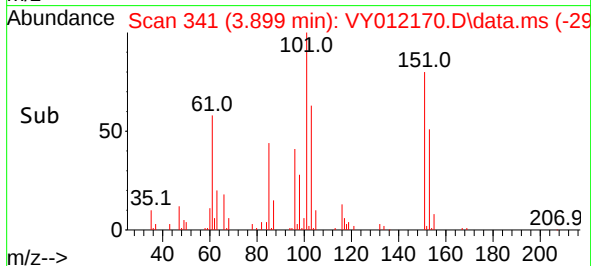
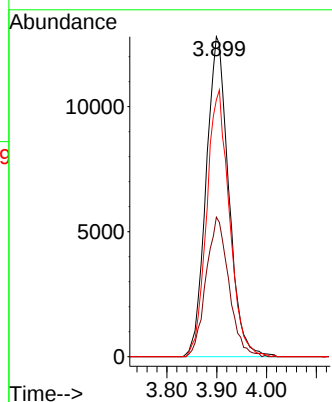
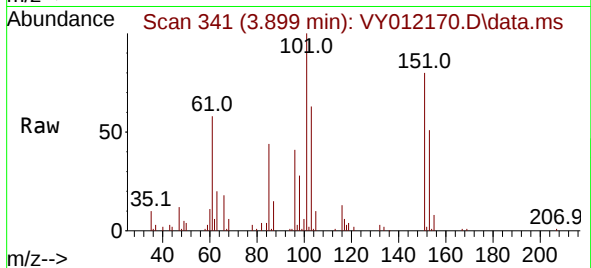
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.300 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:101 Resp: 40204
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 83.8 64.2 96.2

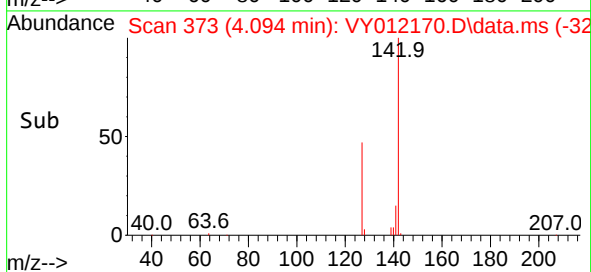
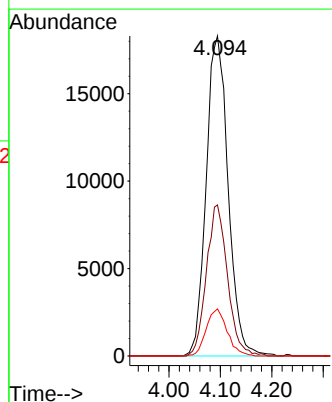
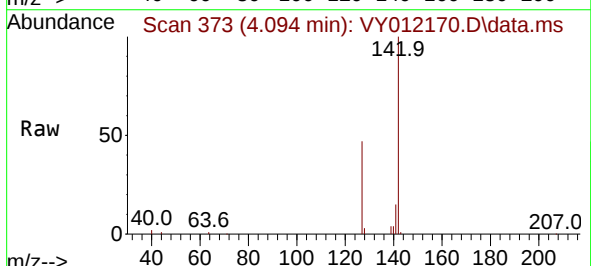
Manual Integrations
APPROVED

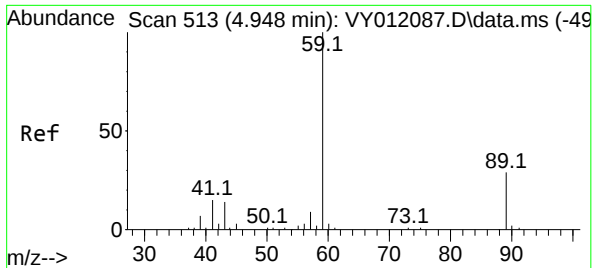
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 22.211 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion:142 Resp: 54283
Ion Ratio Lower Upper
142 100
127 45.4 37.0 55.4
141 14.1 11.4 17.0





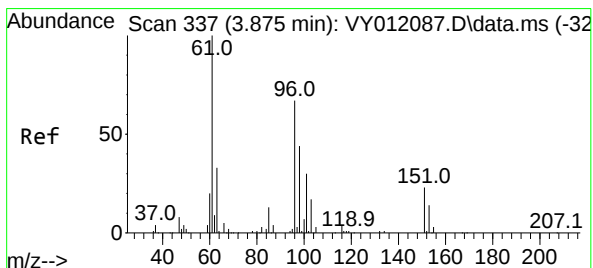
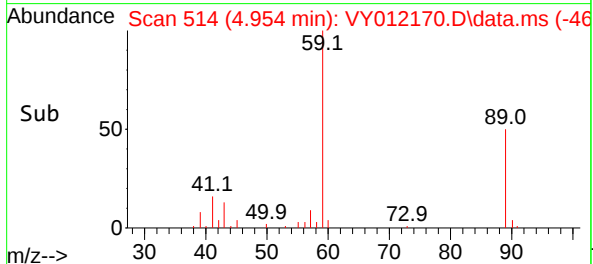
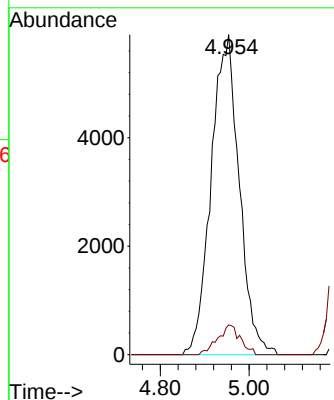
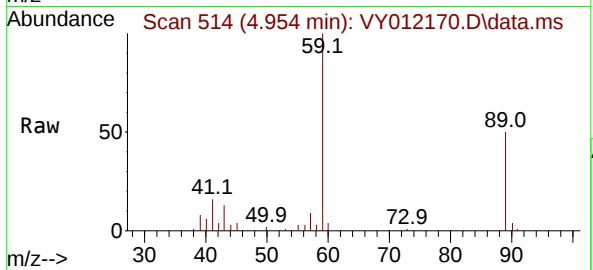
#11
Tert butyl alcohol
Concen: 87.279 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 59 Resp: 25829
Ion Ratio Lower Upper
59 100
57 7.5 7.4 11.2

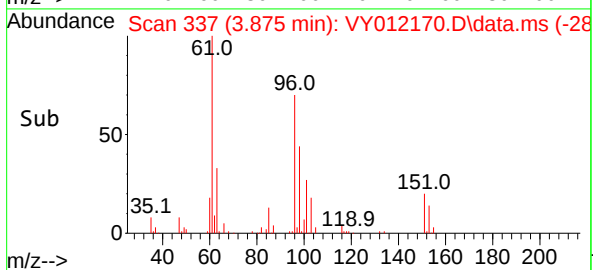
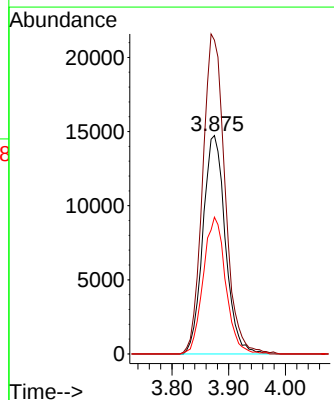
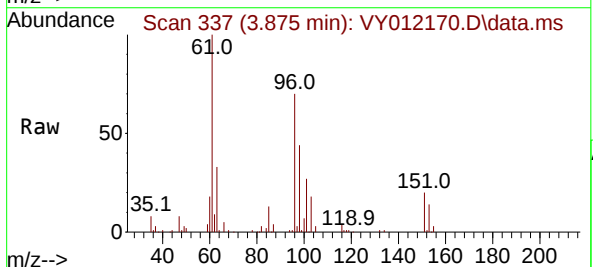
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#12
1,1-Dichloroethene
Concen: 22.886 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 96 Resp: 40451
Ion Ratio Lower Upper
96 100
61 143.7 122.0 183.0
98 62.6 48.6 73.0





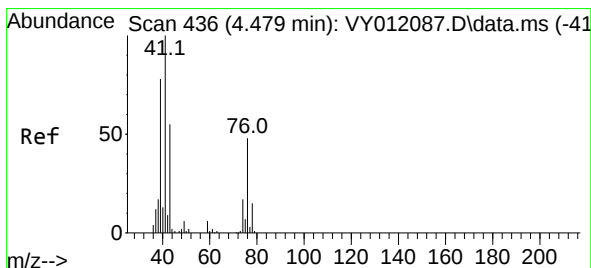
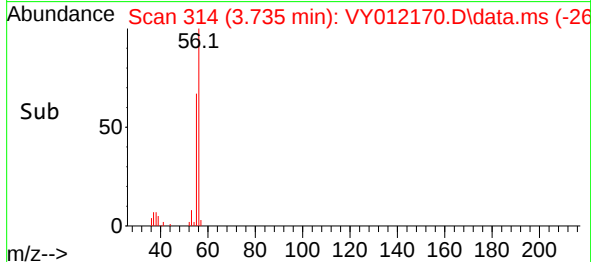
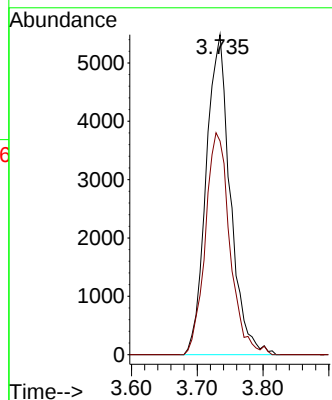
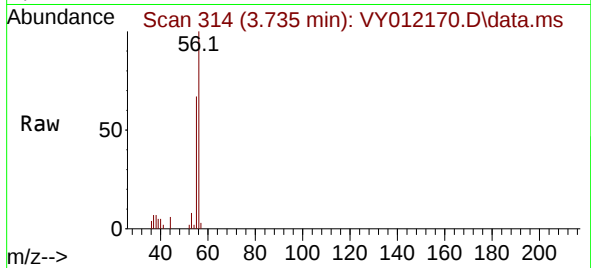
#13
Acrolein
Concen: 114.673 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 56 Resp: 1399
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

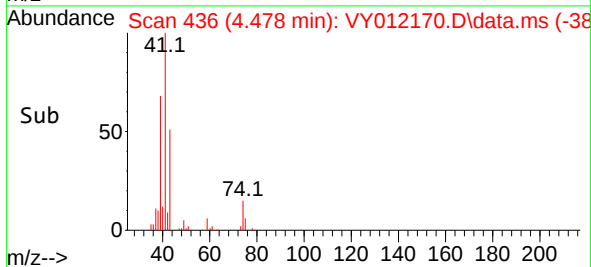
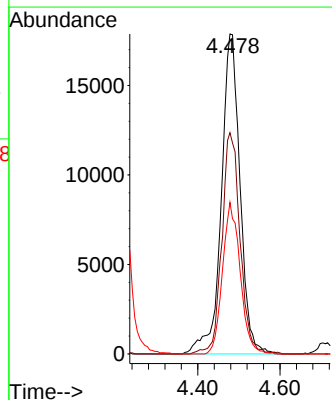
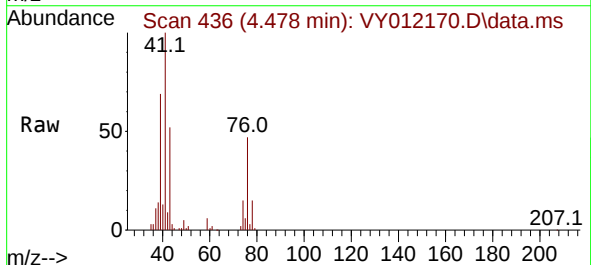
Manual Integrations
APPROVED

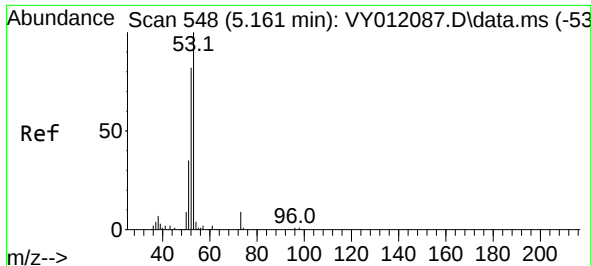
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#14
Allyl chloride
Concen: 23.803 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 41 Resp: 56715
Ion Ratio Lower Upper
41 100
39 67.1 53.5 80.3
76 44.5 31.1 46.7





#15

Acrylonitrile

Concen: 108.457 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

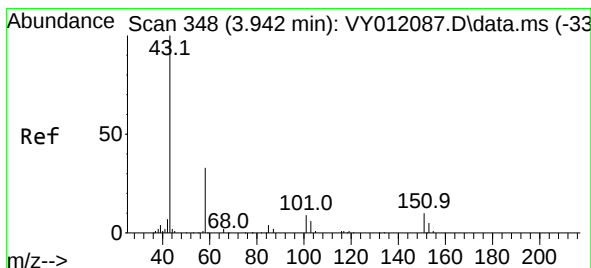
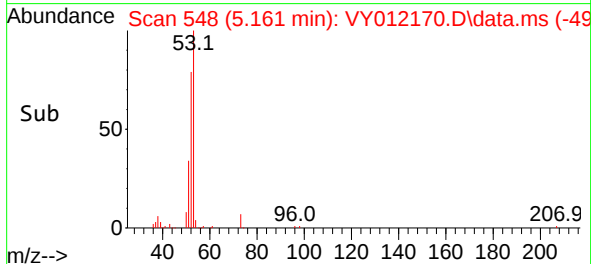
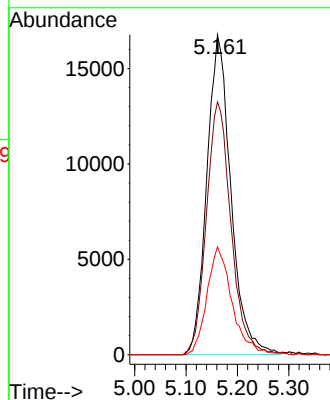
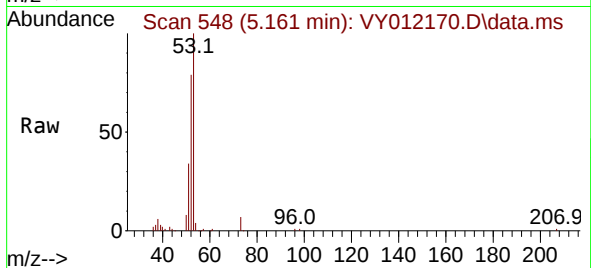
Tgt Ion:	53	Resp:	54628
Ion Ratio	Lower	Upper	
53	100		
52	80.5	65.1	97.7
51	35.2	28.7	43.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#16

Acetone

Concen: 108.230 ug/l

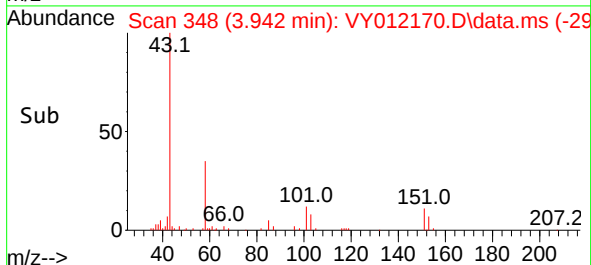
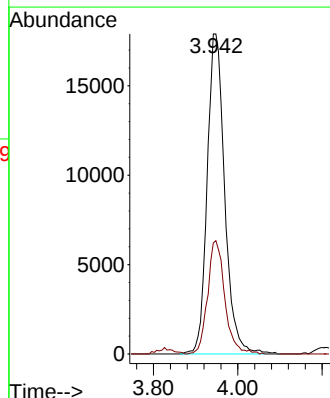
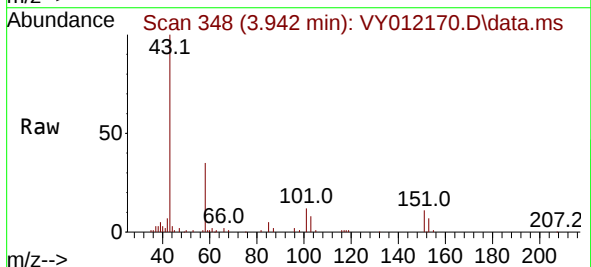
RT: 3.942 min Scan# 348

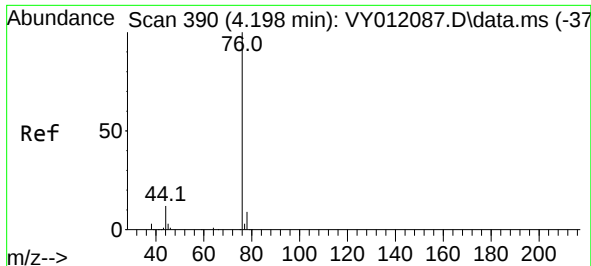
Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

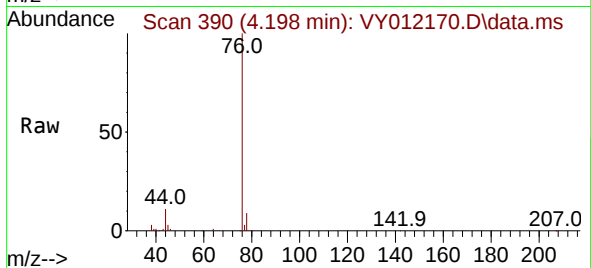
Tgt Ion:	43	Resp:	51736
Ion Ratio	Lower	Upper	
43	100		
58	34.7	27.9	41.9





#17
Carbon Disulfide
Concen: 25.161 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

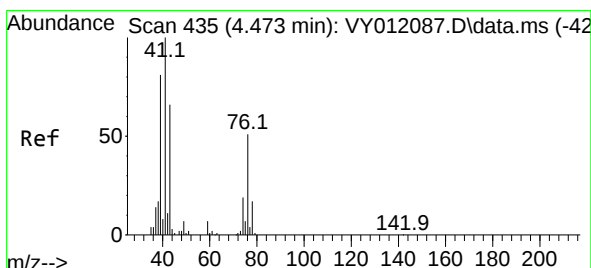
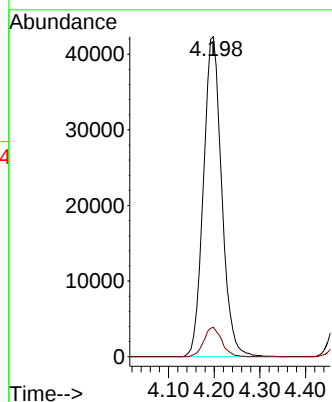
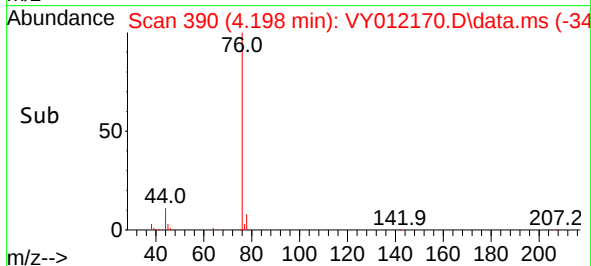
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



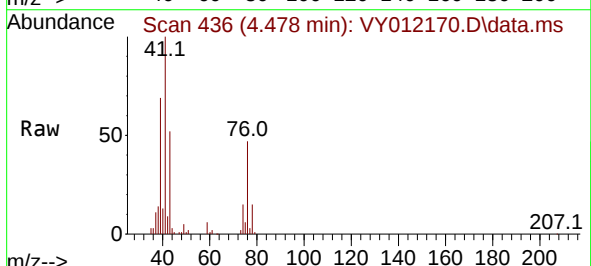
Tgt Ion: 76 Resp: 11722
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
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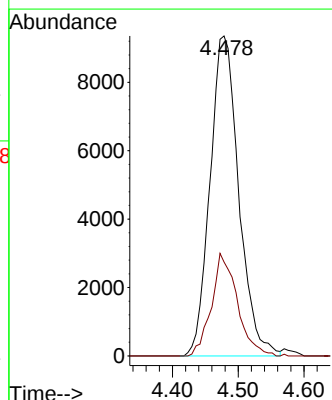
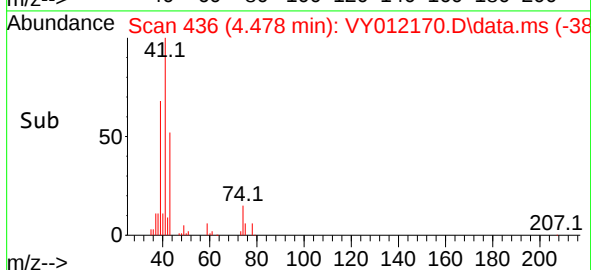
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

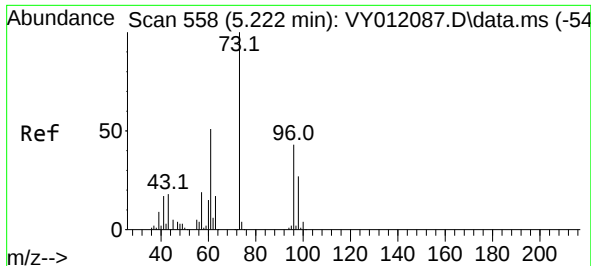


#18
Methyl Acetate
Concen: 20.722 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



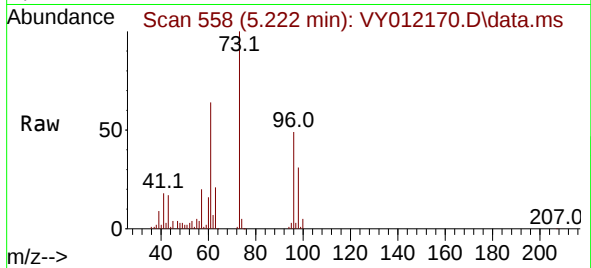
Tgt Ion: 43 Resp: 28494
Ion Ratio Lower Upper
43 100
74 28.8 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 20.392 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

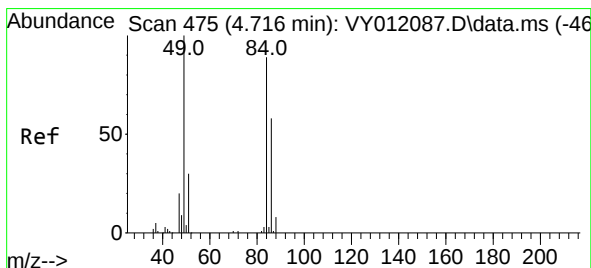
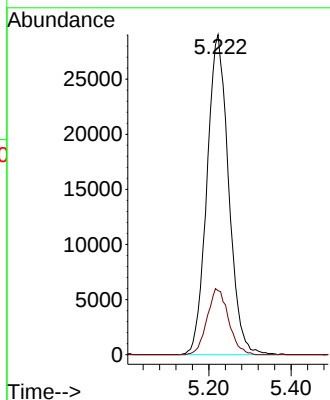
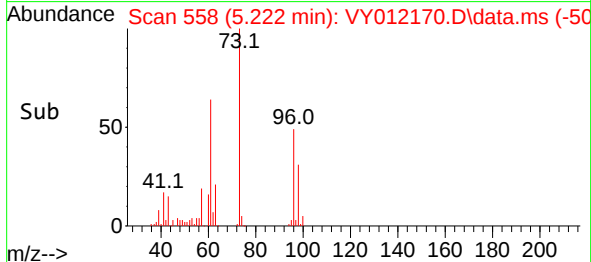
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 73 Resp: 106083
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0

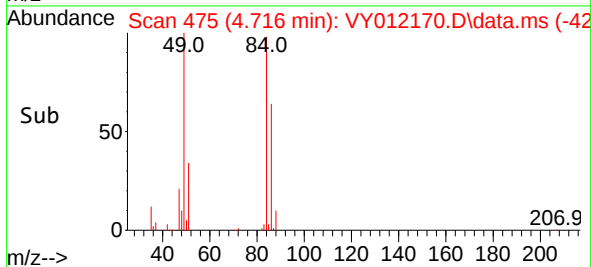
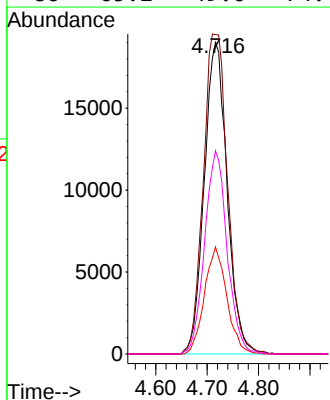
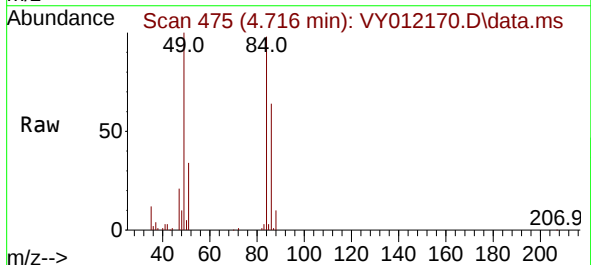
Manual Integrations
APPROVED

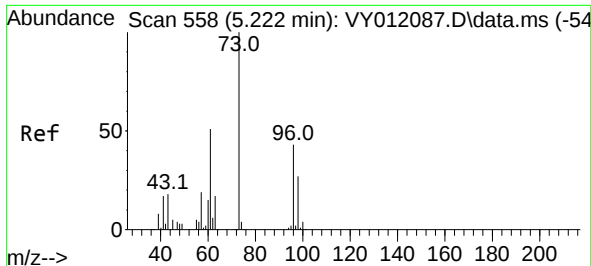
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 26.292 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

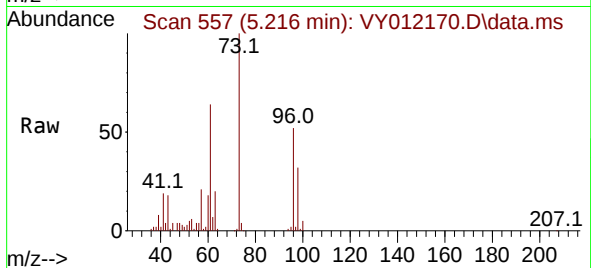
Tgt Ion: 84 Resp: 58804
Ion Ratio Lower Upper
84 100
49 102.5 95.4 143.2
51 34.4 29.9 44.9
86 65.2 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 23.058 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

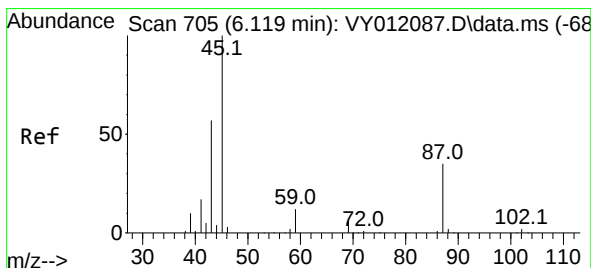
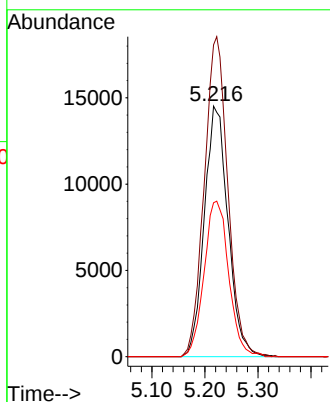
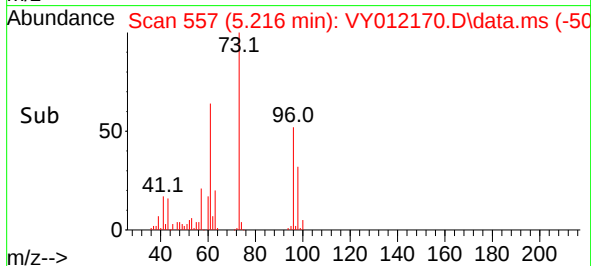
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



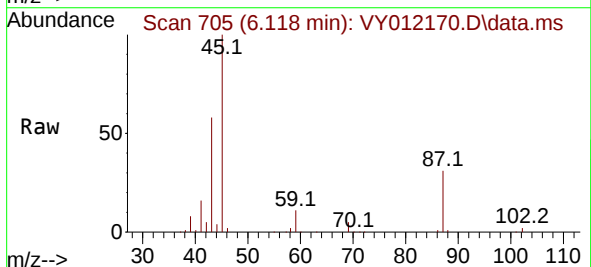
Tgt Ion: 96 Resp: 45090
Ion Ratio Lower Upper
96 100
61 124.5 108.0 162.0
98 61.5 51.6 77.4

Manual Integrations
APPROVED

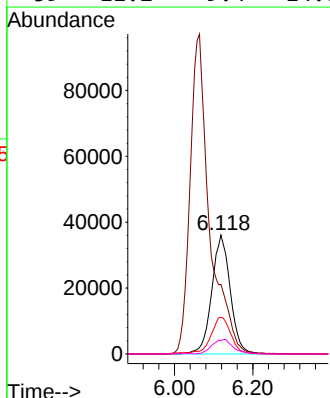
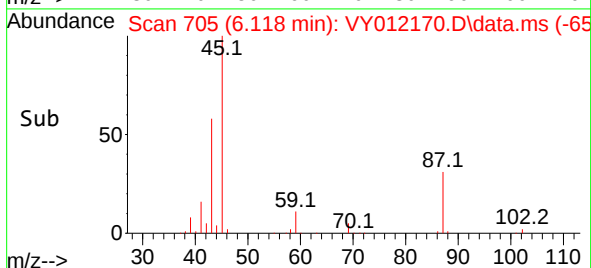
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

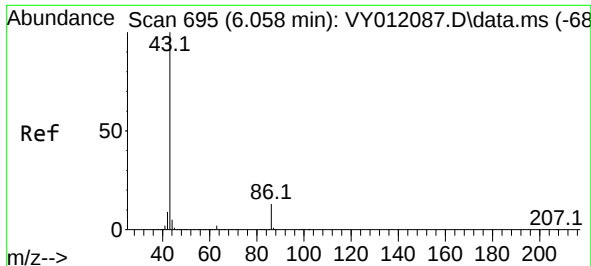


#22
Diisopropyl ether
Concen: 24.156 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



Tgt Ion: 45 Resp: 118400
Ion Ratio Lower Upper
45 100
43 58.1 45.0 67.4
87 30.8 22.6 33.8
59 11.2 9.4 14.0





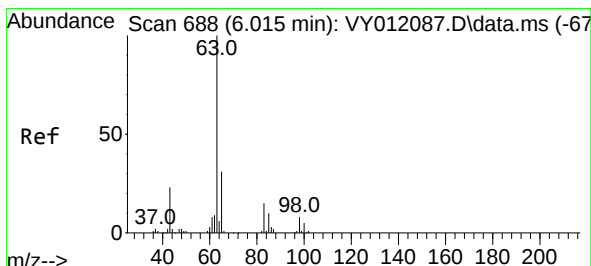
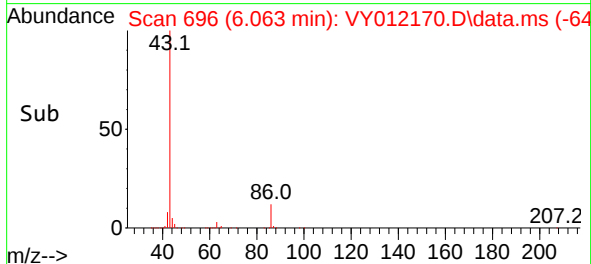
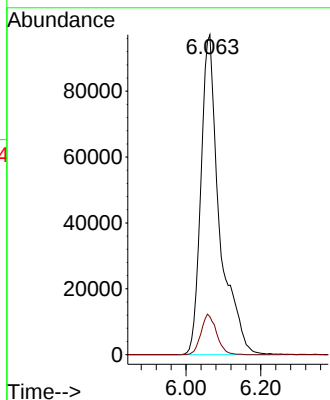
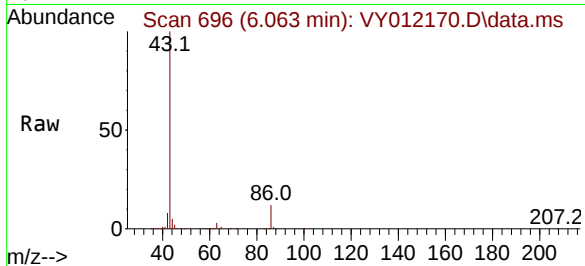
#23
 Vinyl Acetate
 Concen: 113.047 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.005 min
 Lab File: VY012170.D
 Acq: 12 Jan 2023 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Tgt Ion: 43 Resp: 33529
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4

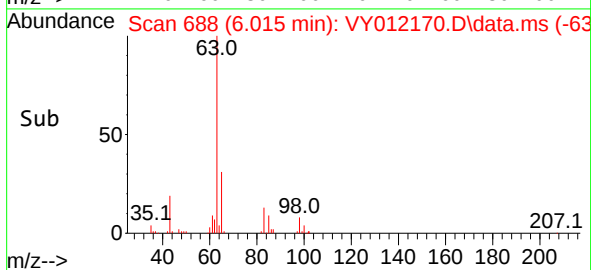
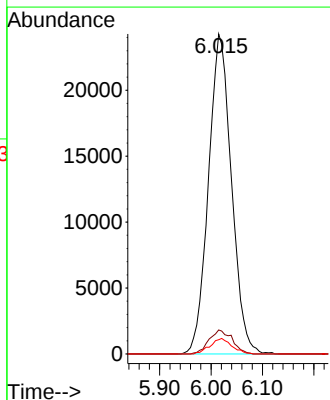
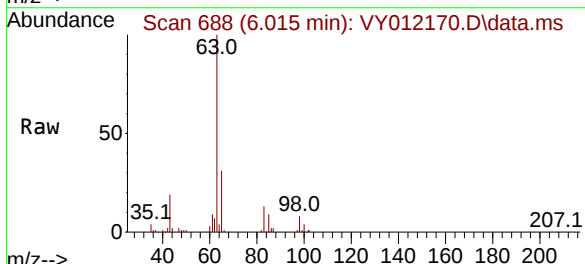
Manual Integrations
 APPROVED

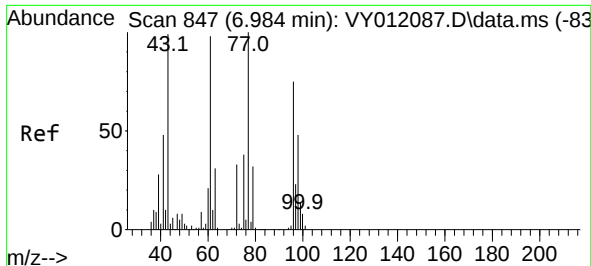
Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#24
 1,1-Dichloroethane
 Concen: 23.151 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012170.D
 Acq: 12 Jan 2023 12:02

Tgt Ion: 63 Resp: 75480
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.5 2.2 6.6





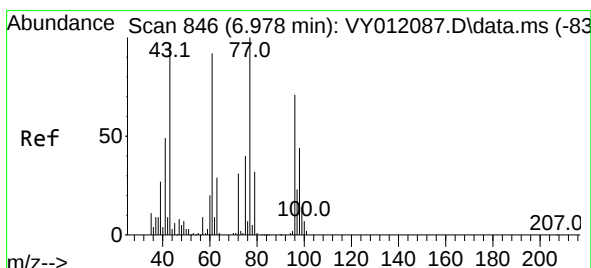
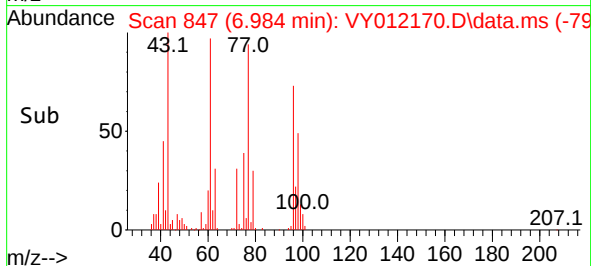
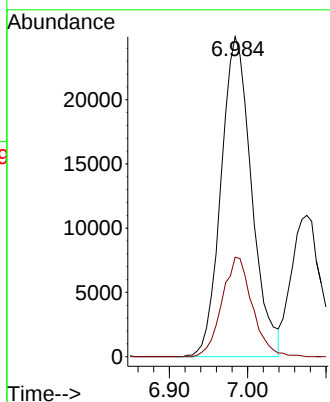
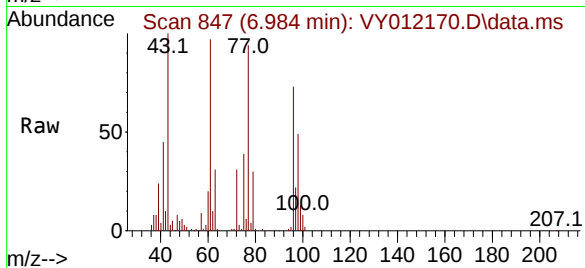
#25
2-Butanone
Concen: 107.163 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 43 Resp: 67580
Ion Ratio Lower Upper
43 100
72 31.1 22.6 34.0

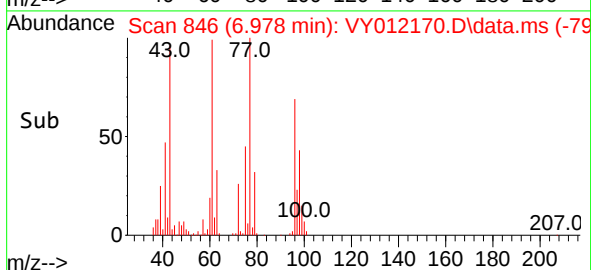
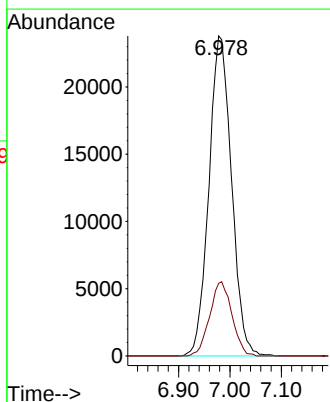
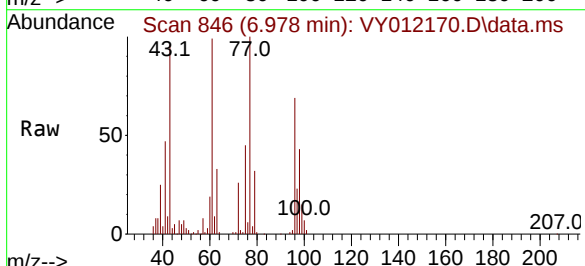
Manual Integrations
APPROVED

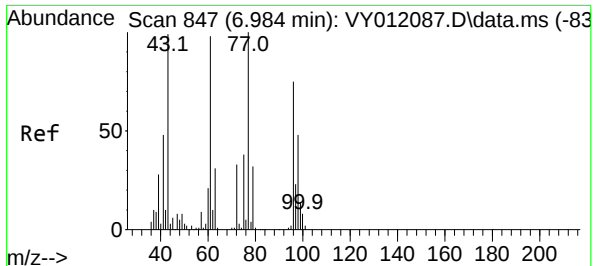
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
2,2-Dichloropropane
Concen: 20.673 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 77 Resp: 72709
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 22.220 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

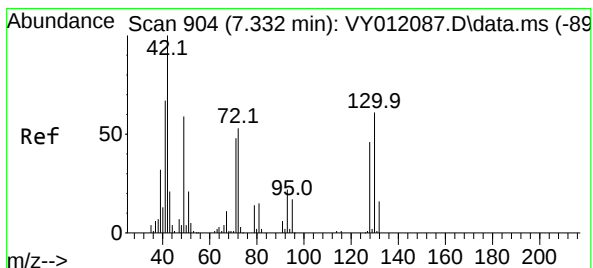
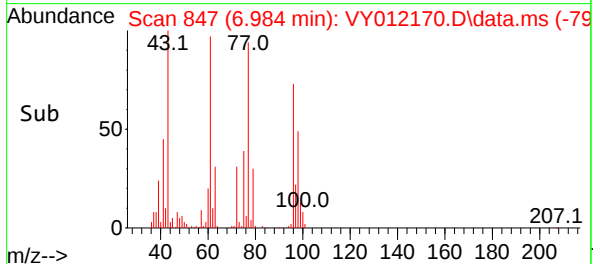
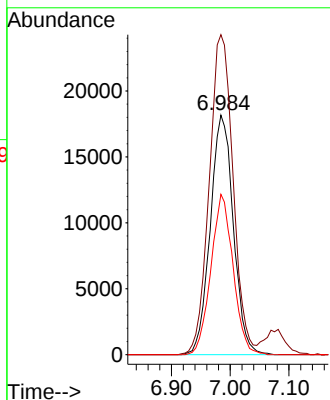
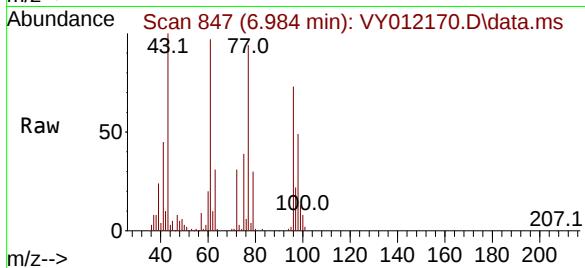
Tgt Ion:	96	Resp:	4963
Ion Ratio	Lower	Upper	
96	100		
61	137.8	0.0	283.4
98	64.2	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#28

Bromochloromethane

Concen: 11.757 ug/l

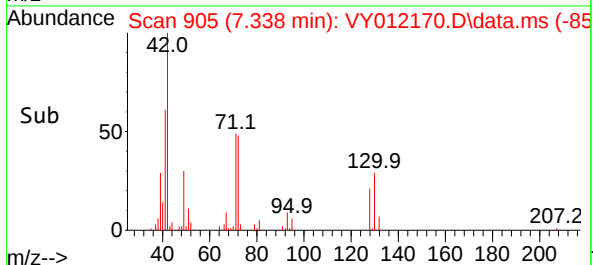
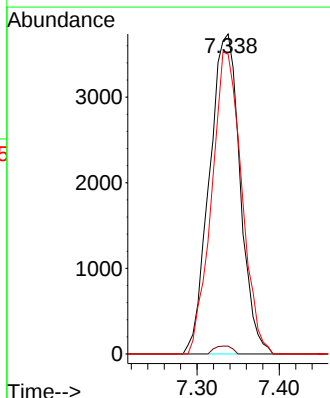
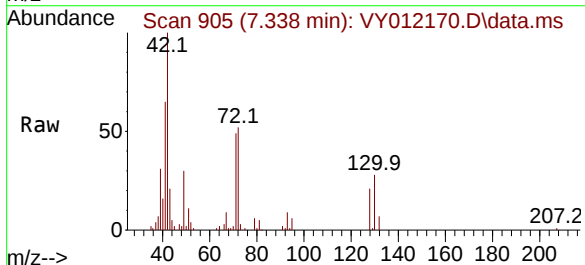
RT: 7.338 min Scan# 905

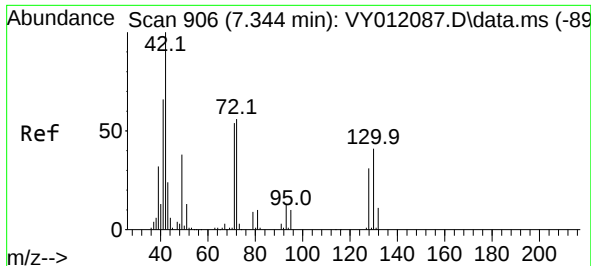
Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion:	49	Resp:	9691
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	4.6
130	92.4	66.7	100.1





#29

Tetrahydrofuran

Concen: 109.166 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 42 Resp: 40188

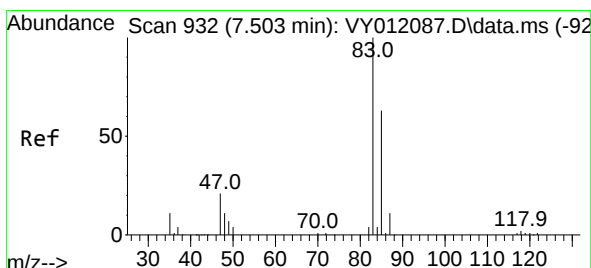
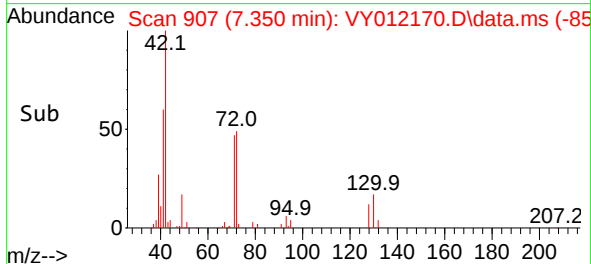
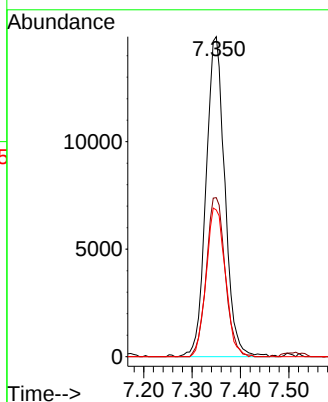
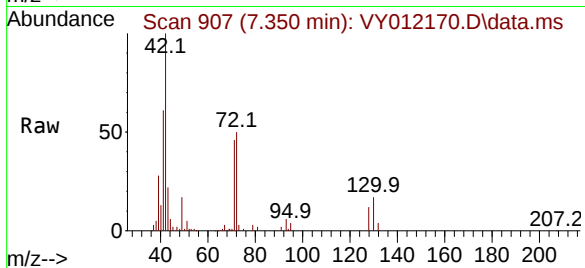
Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.0	55.6
71	47.3	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#30

Chloroform

Concen: 21.854 ug/l

RT: 7.508 min Scan# 933

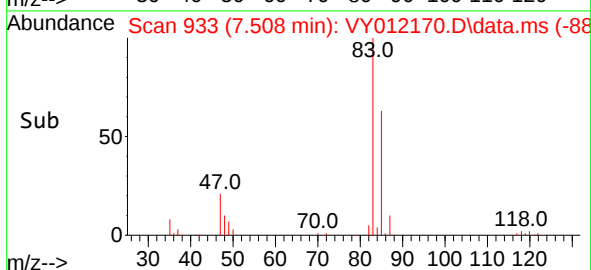
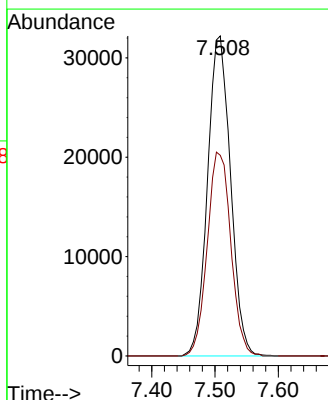
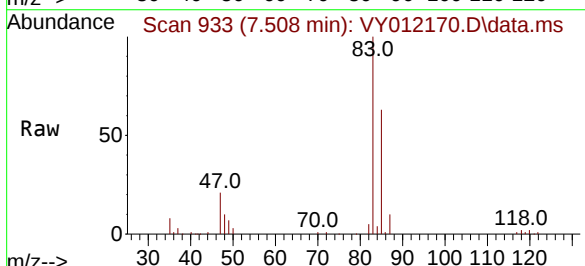
Delta R.T. 0.005 min

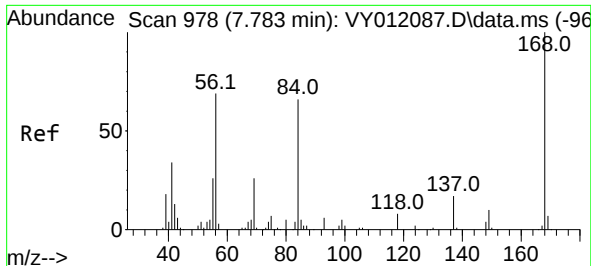
Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion: 83 Resp: 81219

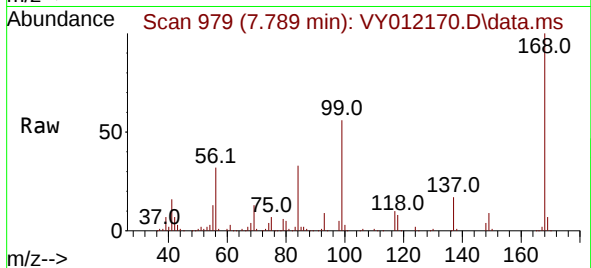
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





#31
Cyclohexane
Concen: 24.052 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

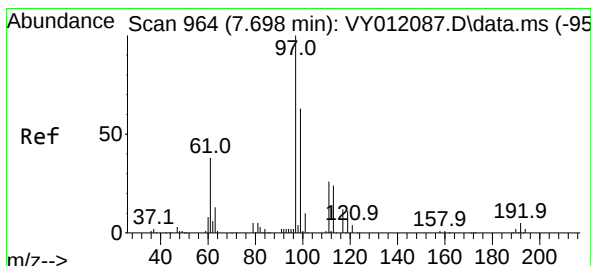
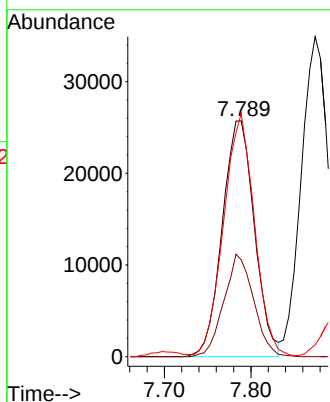
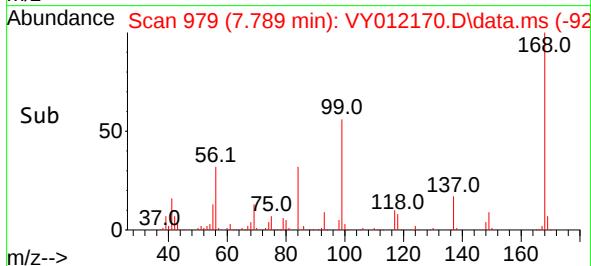
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



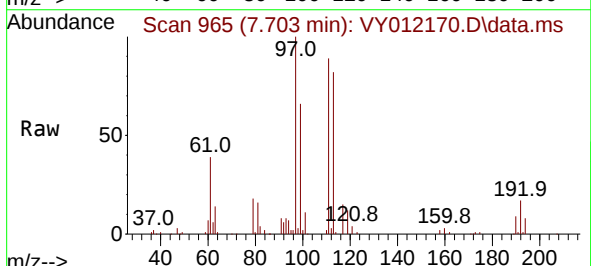
Tgt Ion: 56 Resp: 66404
Ion Ratio Lower Upper
56 100
69 41.1 29.2 43.8
84 101.5 72.6 108.8

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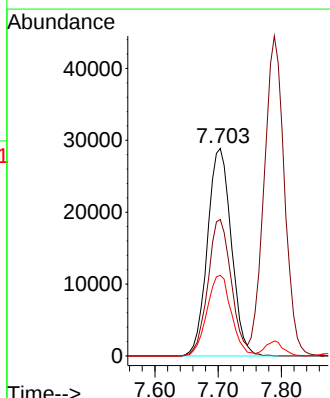
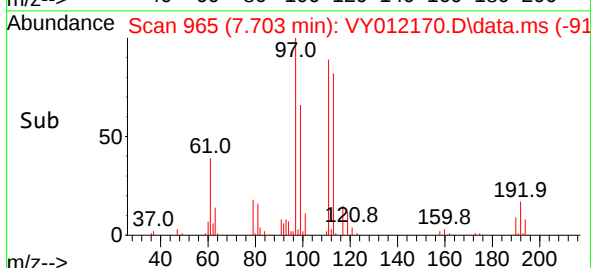
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

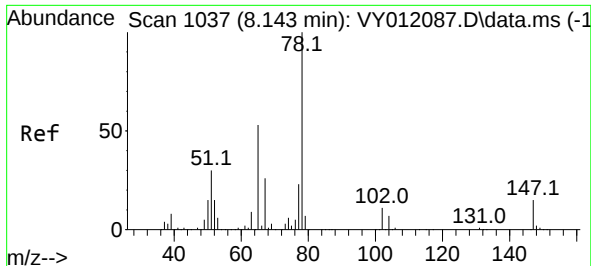


#32
1,1,1-Trichloroethane
Concen: 20.927 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



Tgt Ion: 97 Resp: 75540
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 39.8 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 43.236 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 65 Resp: 8785

Ion Ratio Lower Upper

65 100

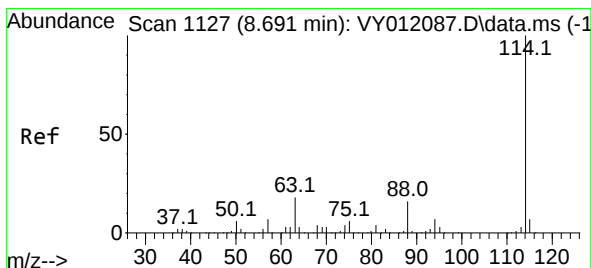
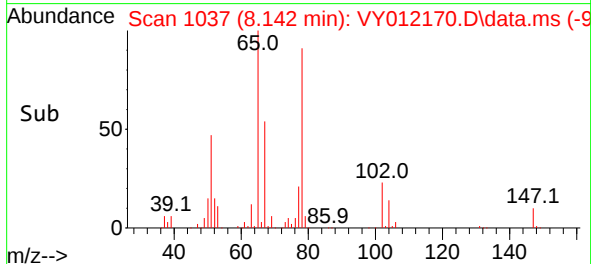
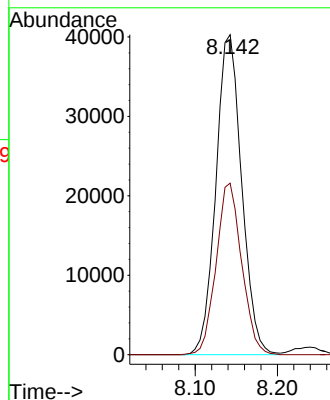
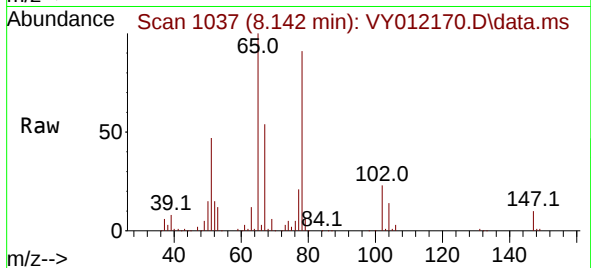
67 53.0 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

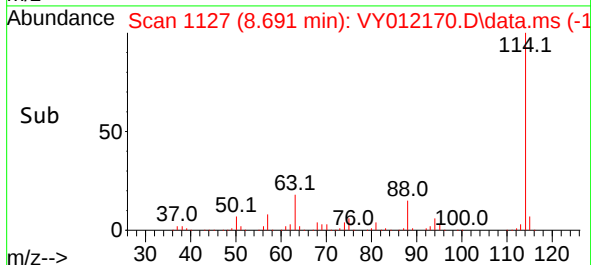
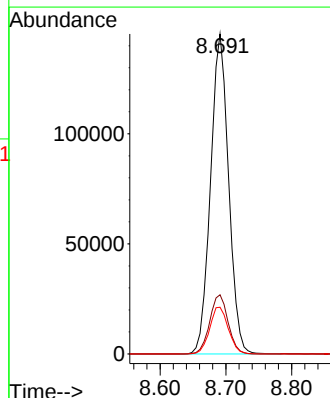
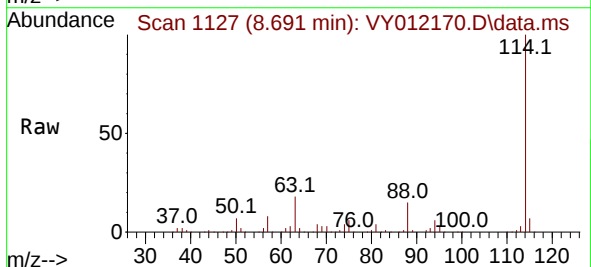
Tgt Ion:114 Resp: 277819

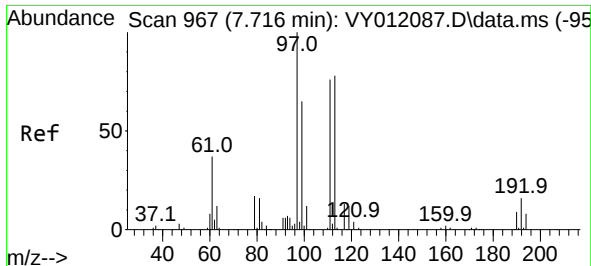
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

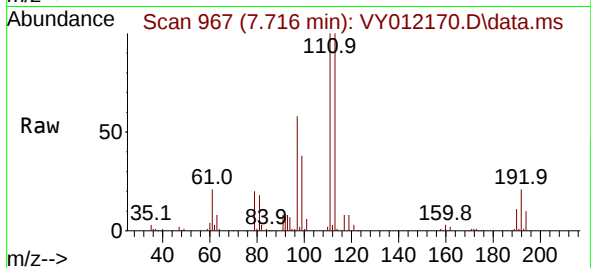
88 14.6 0.0 32.2





#35
Dibromofluoromethane
Concen: 47.566 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

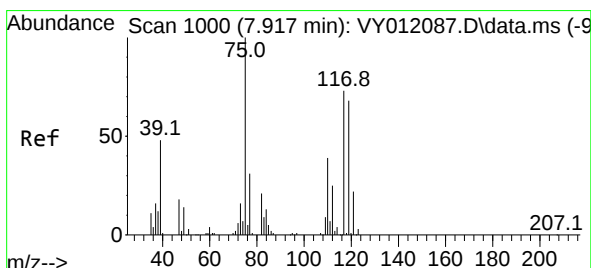
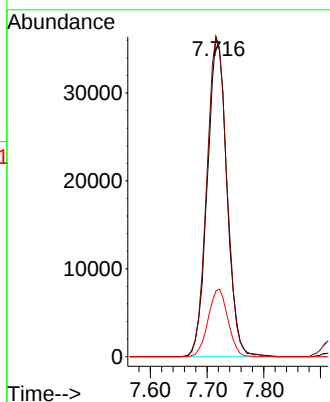
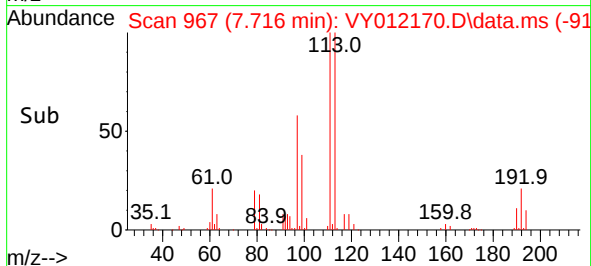
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



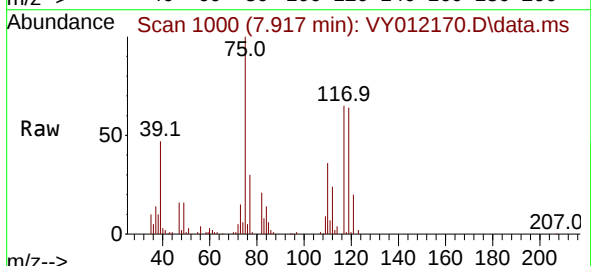
Tgt Ion:113 Resp: 8685
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 21.4 16.0 24.0

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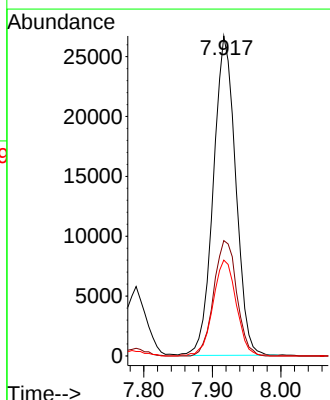
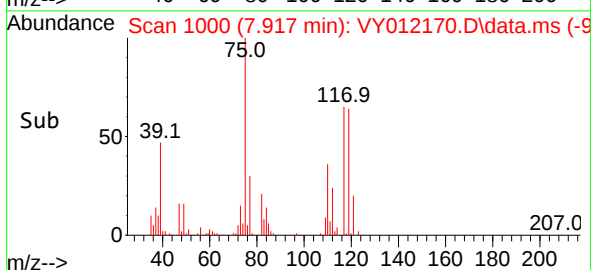
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

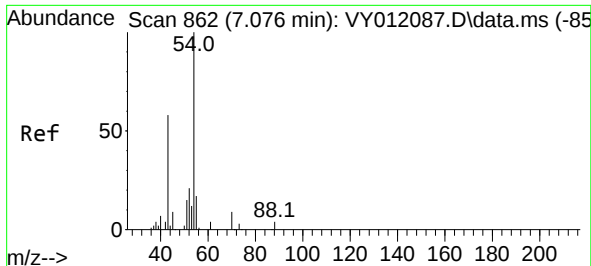


#36
1,1-Dichloropropene
Concen: 21.739 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



Tgt Ion: 75 Resp: 60227
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 19.919 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

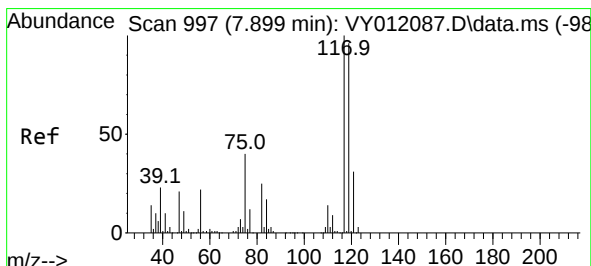
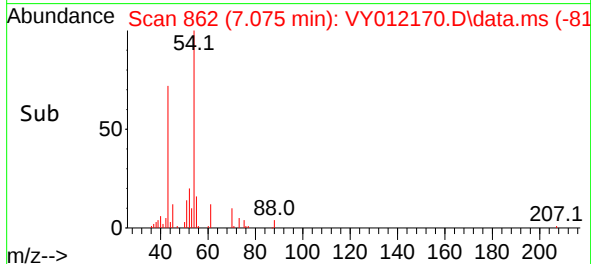
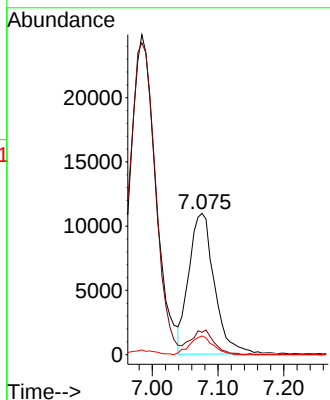
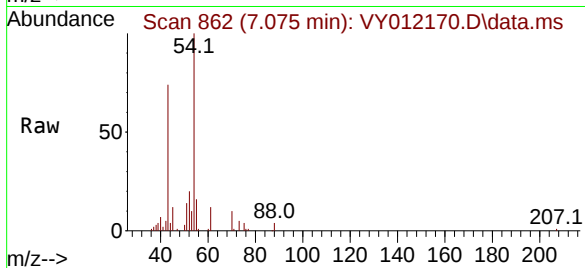
Tgt Ion:	43	Resp:	2954
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.3	16.9
70	11.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#38

Carbon Tetrachloride

Concen: 19.859 ug/l

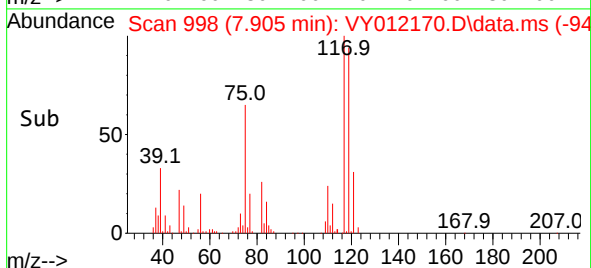
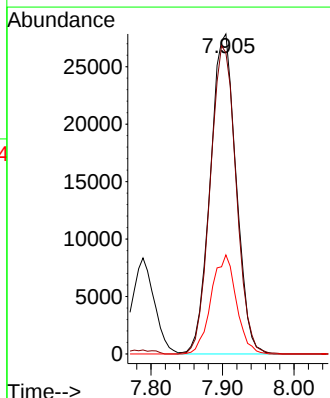
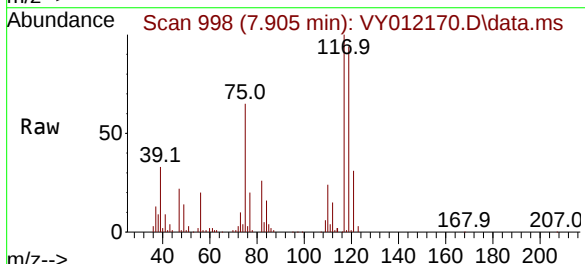
RT: 7.905 min Scan# 998

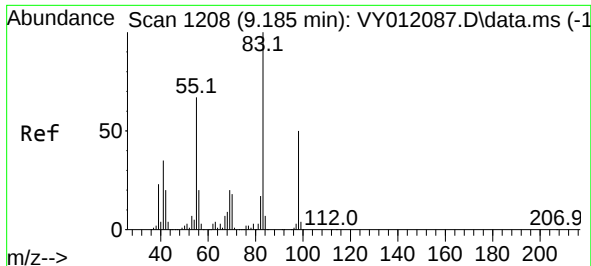
Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion:	117	Resp:	69831
Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.8	110.8
121	31.0	25.2	37.8





#39

Methylcyclohexane

Concen: 21.900 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

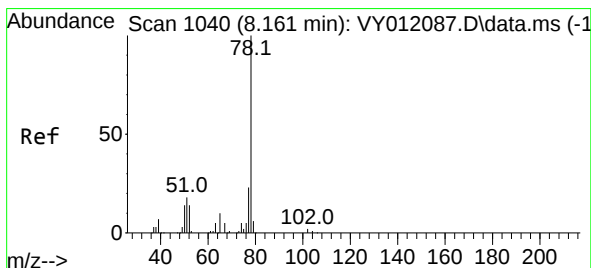
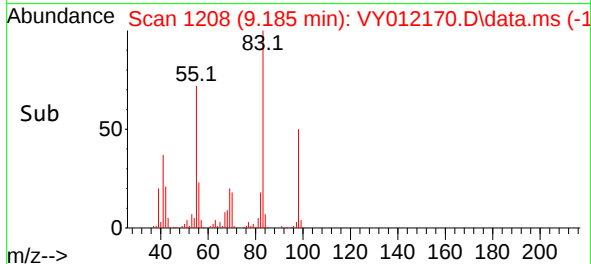
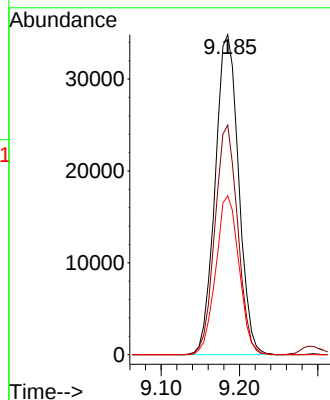
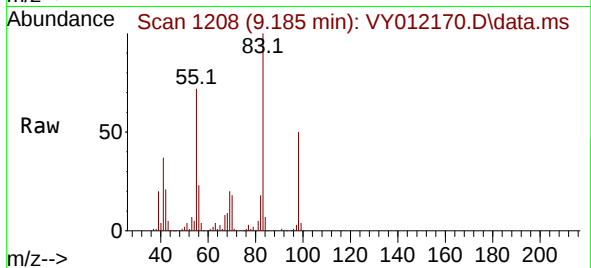
Tgt Ion: 83	Resp: 72470
Ion Ratio	Lower Upper
83 100	
55 71.8	58.2 87.2
98 49.7	38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#40

Benzene

Concen: 22.171 ug/l

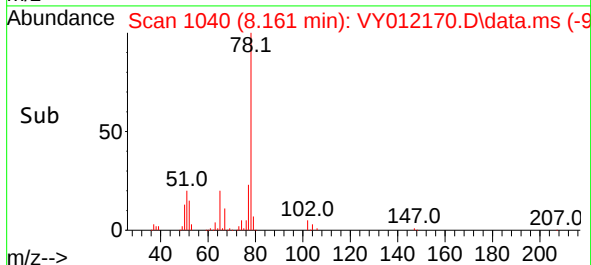
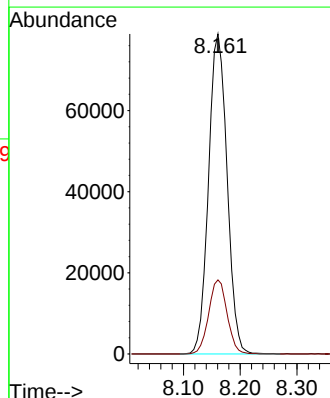
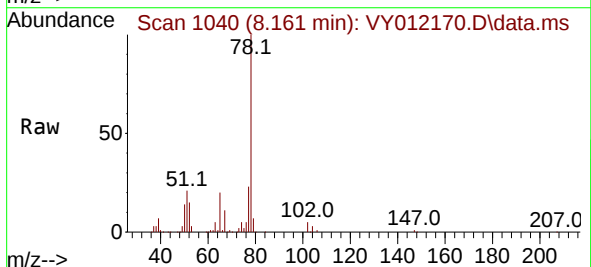
RT: 8.161 min Scan# 1040

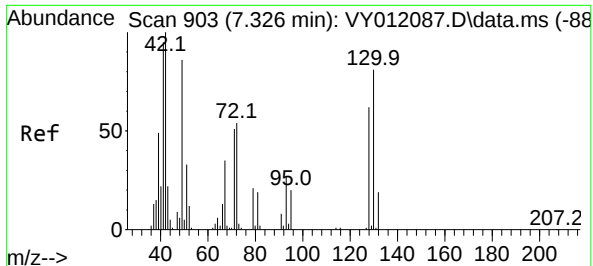
Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

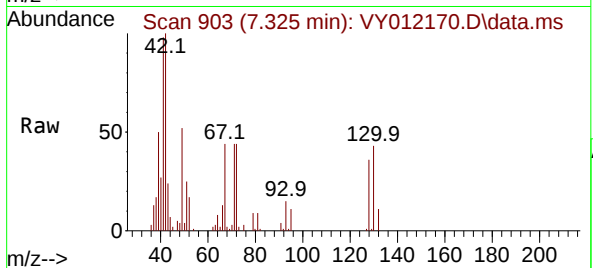
Tgt Ion: 78	Resp: 178985
Ion Ratio	Lower Upper
78 100	
77 23.2	18.6 27.8





#41
Methacrylonitrile
Concen: 20.154 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

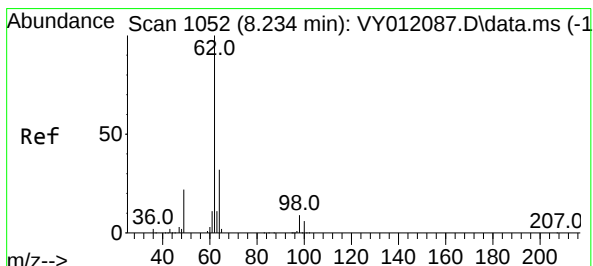
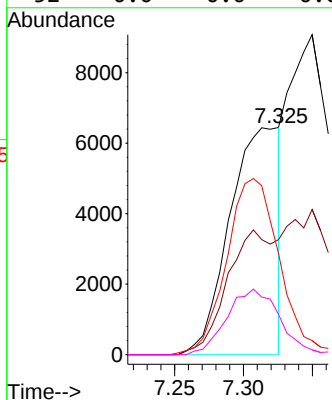
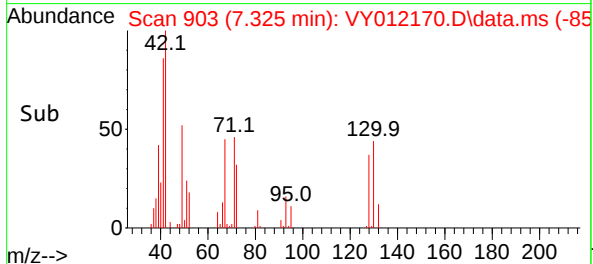
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 41 Resp: 16260
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

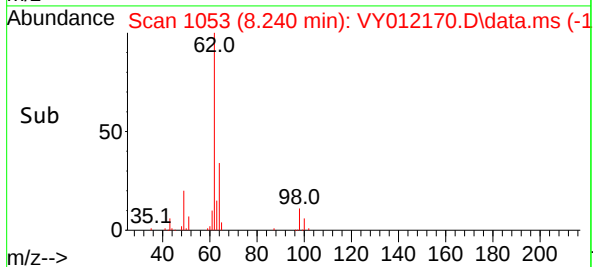
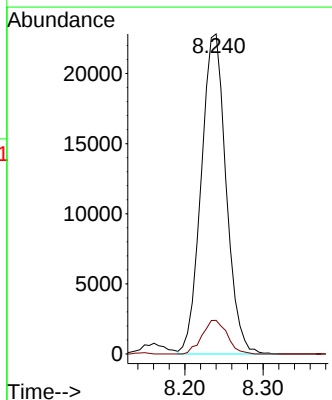
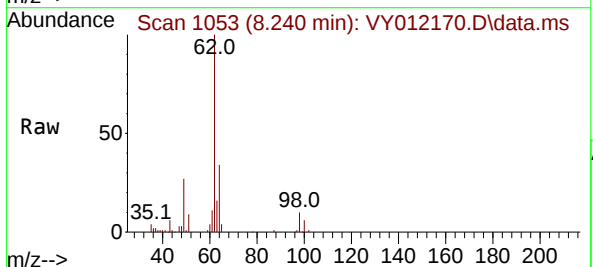
Manual Integrations
APPROVED

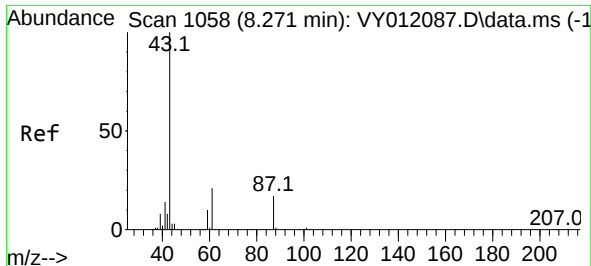
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#42
1,2-Dichloroethane
Concen: 19.741 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

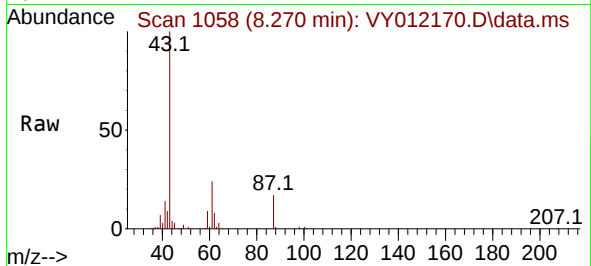
Tgt Ion: 62 Resp: 50455
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.676 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

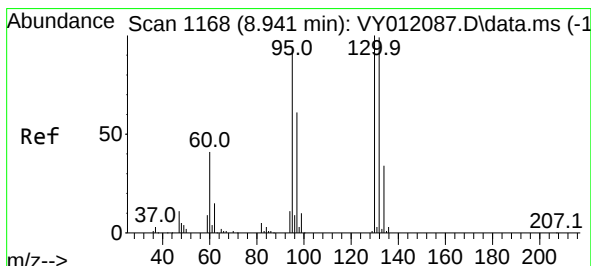
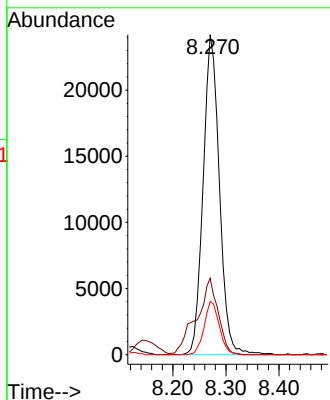
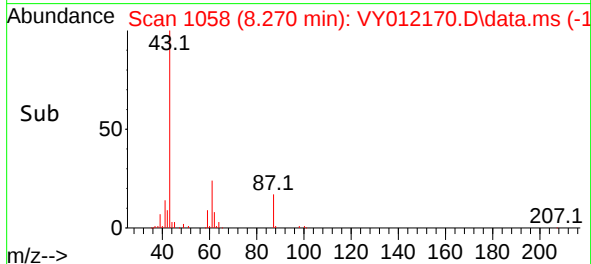
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 43 Resp: 51400
Ion Ratio Lower Upper
43 100
61 31.8 24.4 36.6
87 15.5 11.4 17.2

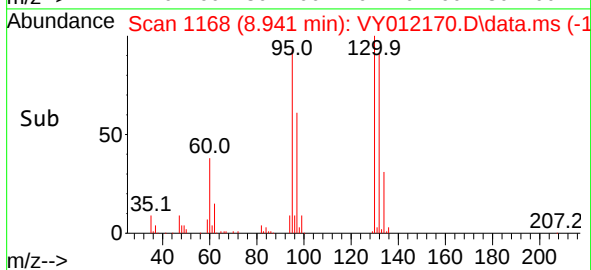
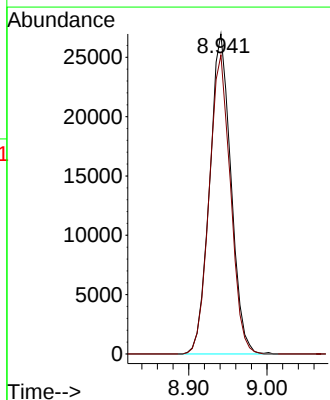
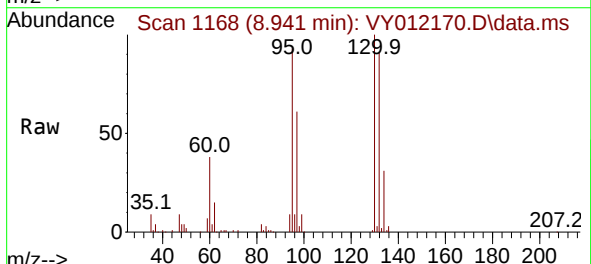
Manual Integrations
APPROVED

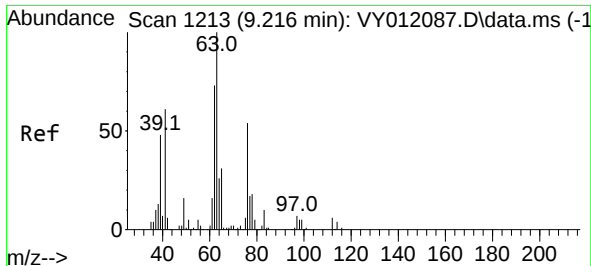
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#44
Trichloroethene
Concen: 21.644 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion:130 Resp: 51020
Ion Ratio Lower Upper
130 100
95 93.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 22.897 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 63 Resp: 4118

Ion Ratio Lower Upper

63 100

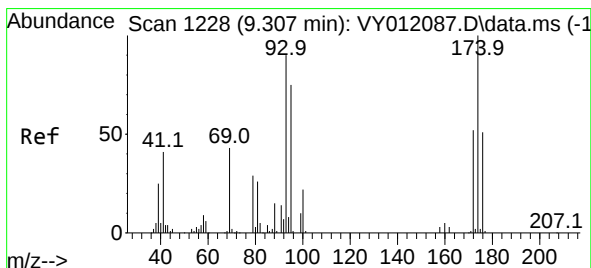
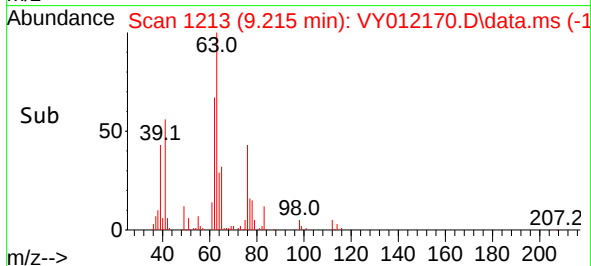
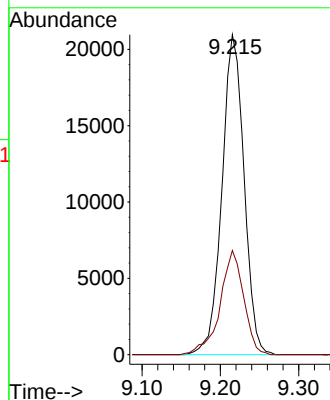
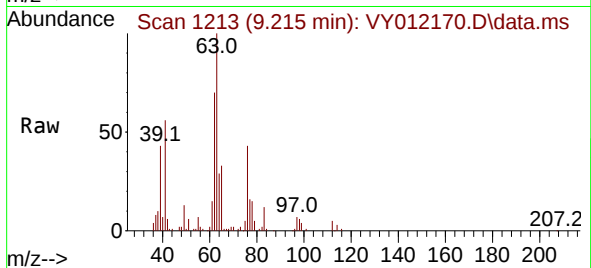
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 21.253 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

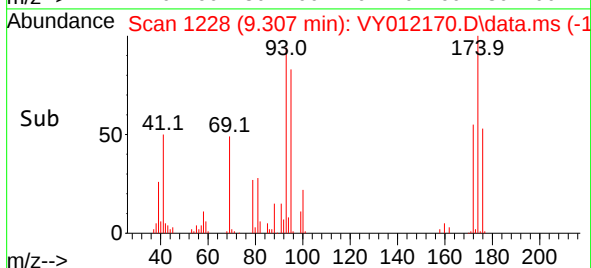
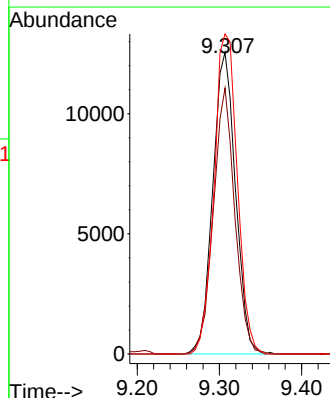
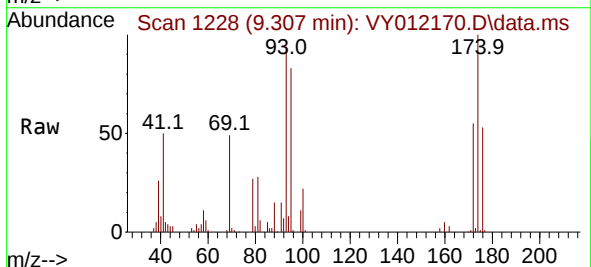
Tgt Ion: 93 Resp: 24066

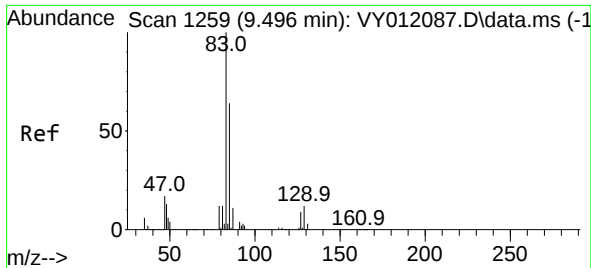
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

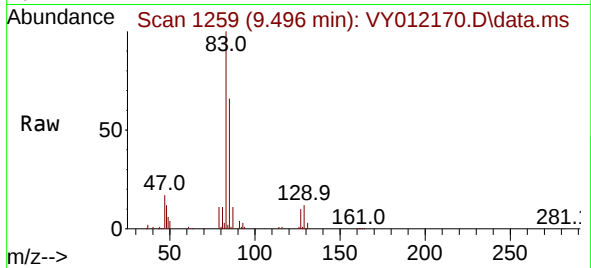
174 108.6 84.7 127.1





#47
Bromodichloromethane
Concen: 20.856 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

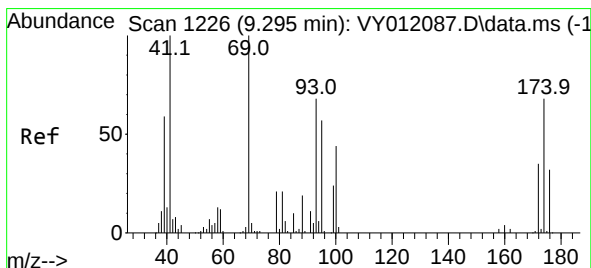
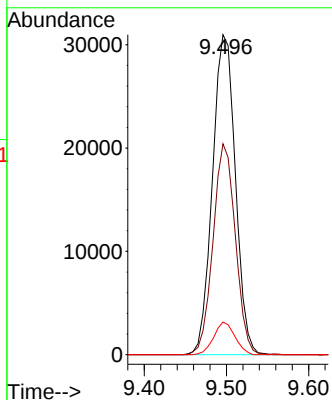
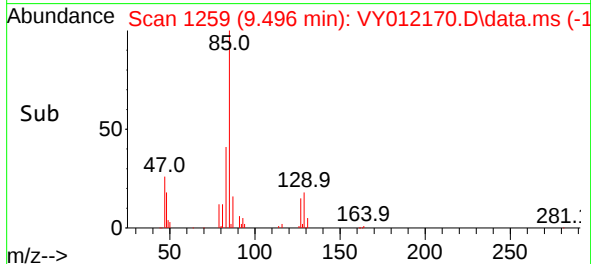
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 83 Resp: 60049
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0
127 10.2 7.3 10.9

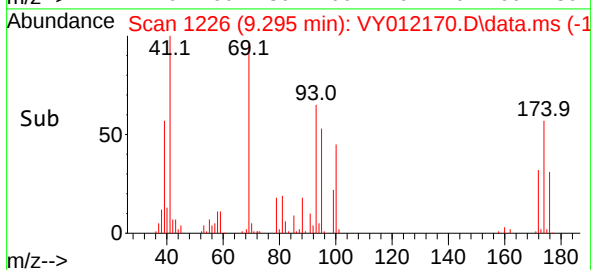
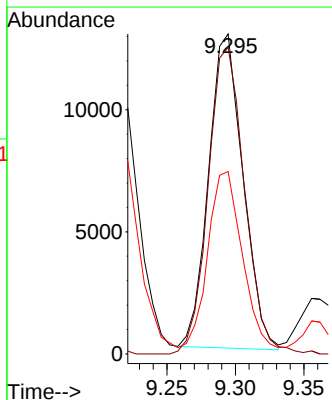
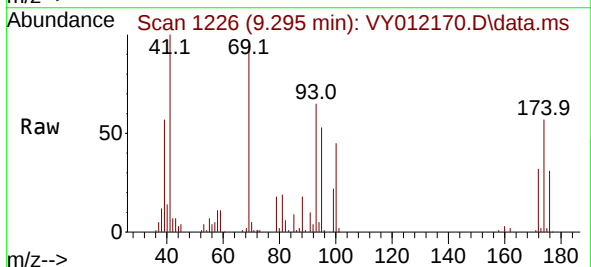
Manual Integrations
APPROVED

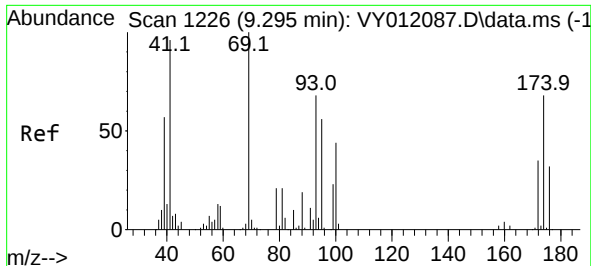
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#48
Methyl methacrylate
Concen: 20.229 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 41 Resp: 22526
Ion Ratio Lower Upper
41 100
69 102.9 74.2 111.2
39 55.7 46.3 69.5





#49

1,4-Dioxane

Concen: 407.836 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 88 Resp: 639

Ion Ratio Lower Upper

88 100

43 29.5 26.2 39.2

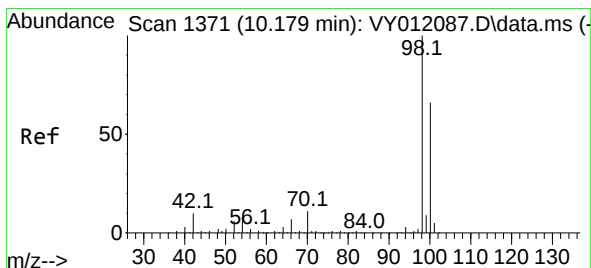
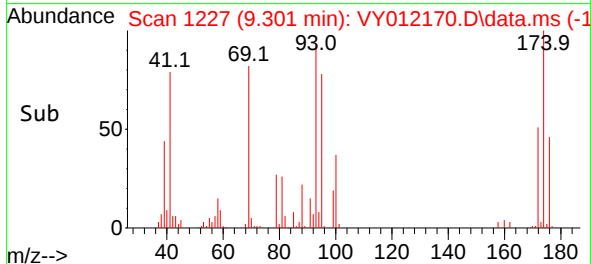
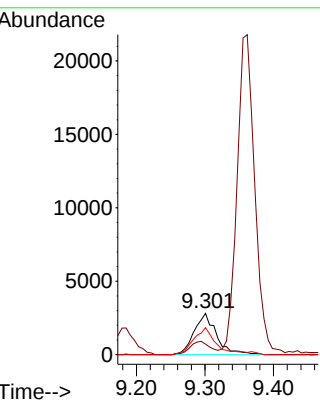
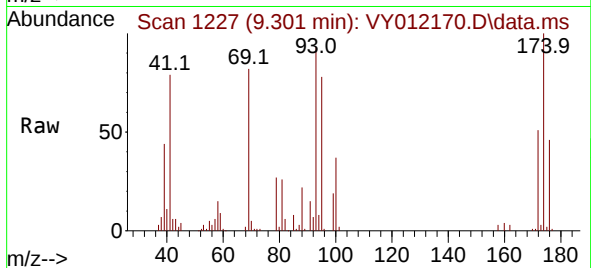
58 67.6 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 44.928 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012170.D

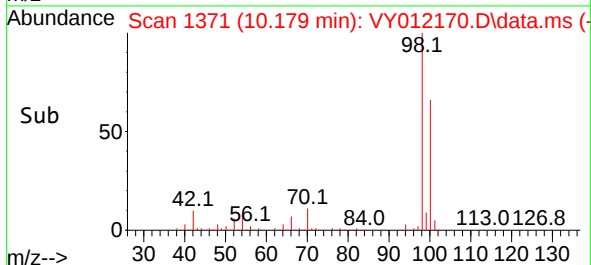
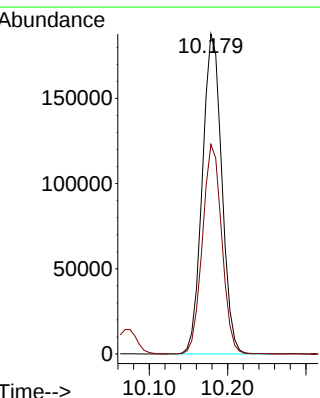
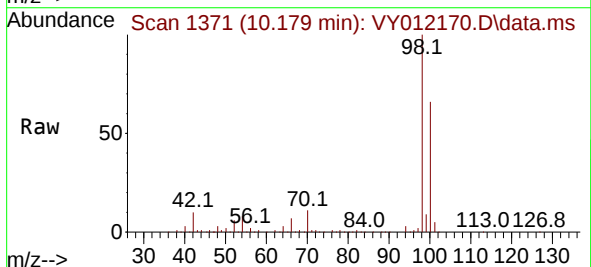
Acq: 12 Jan 2023 12:02

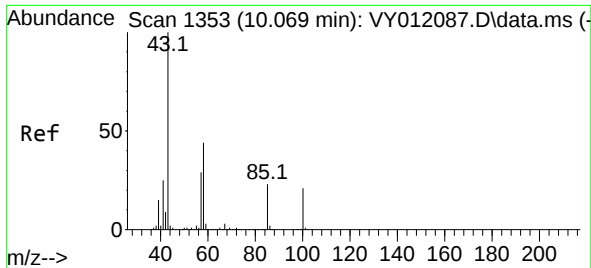
Tgt Ion: 98 Resp: 323818

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9





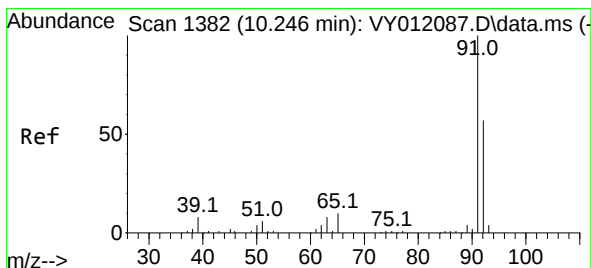
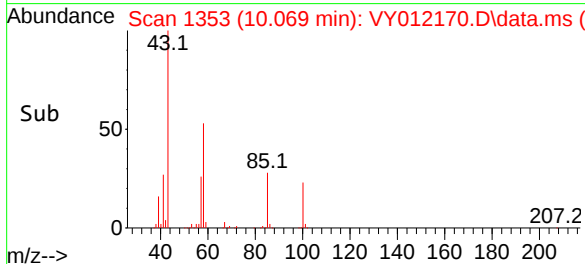
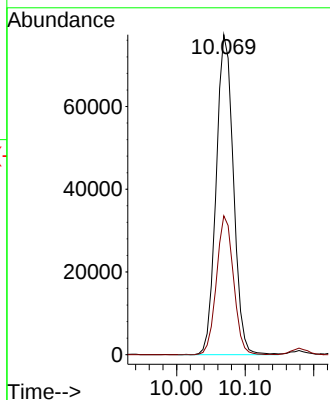
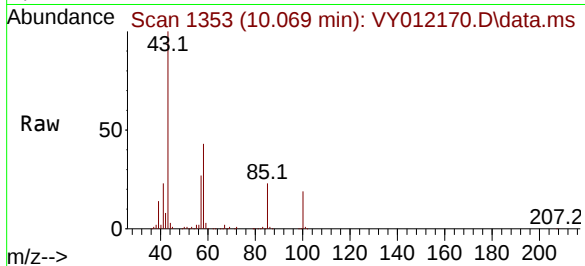
#51
4-Methyl-2-Pentanone
Concen: 101.756 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 43 Resp: 134600
Ion Ratio Lower Upper
43 100
58 43.0 32.9 49.3

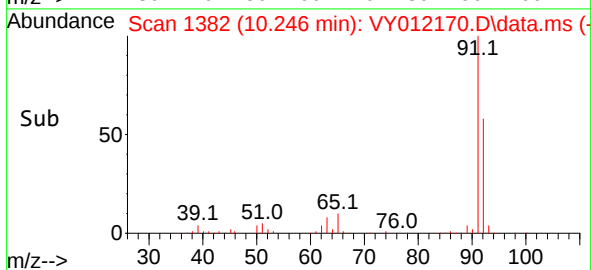
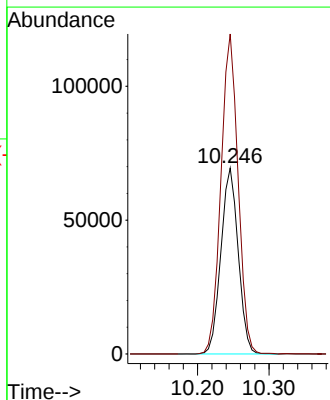
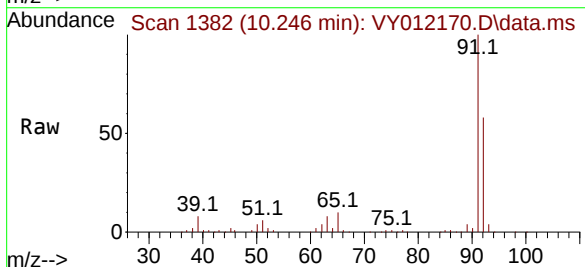
Manual Integrations
APPROVED

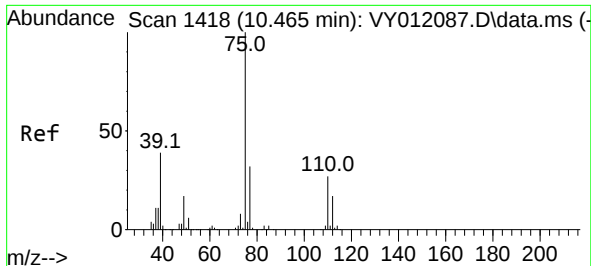
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#52
Toluene
Concen: 21.804 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 92 Resp: 116513
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0





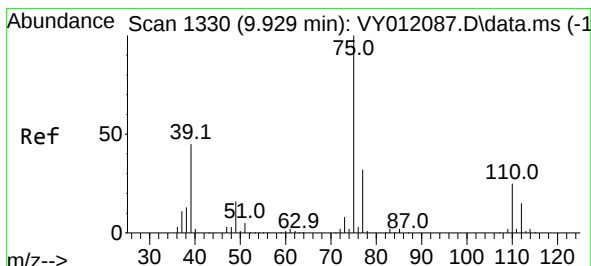
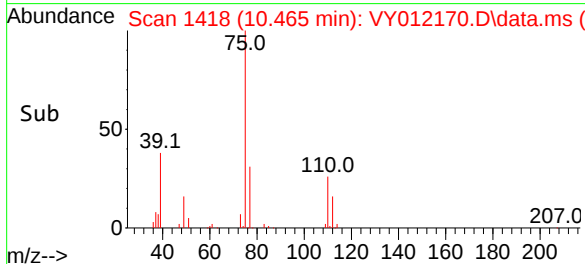
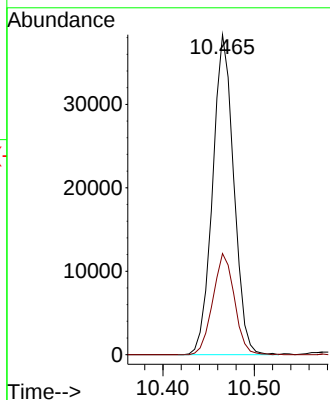
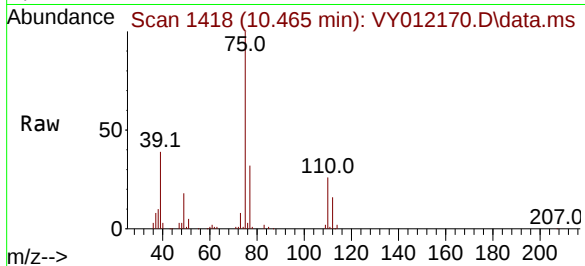
#53
t-1,3-Dichloropropene
Concen: 20.550 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 75 Resp: 6155
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8

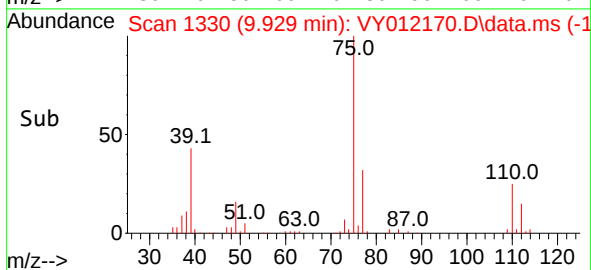
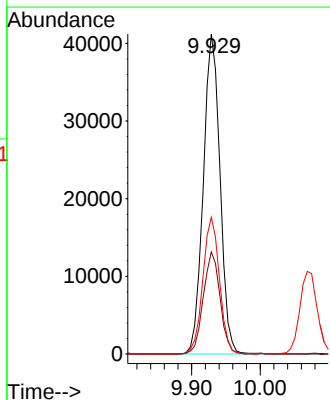
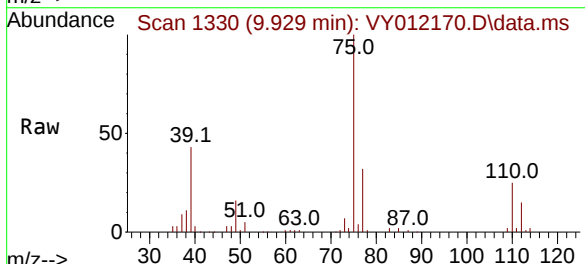
Manual Integrations
APPROVED

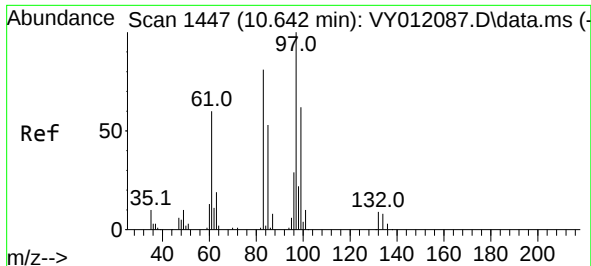
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
cis-1,3-Dichloropropene
Concen: 21.613 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

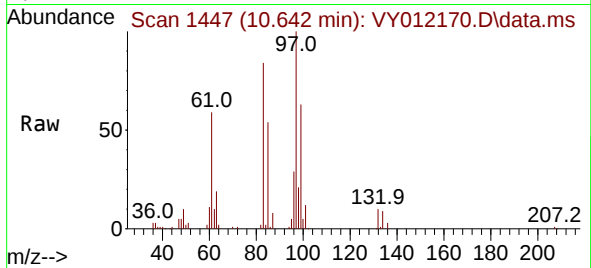
Tgt Ion: 75 Resp: 70033
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
39 42.7 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 20.958 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

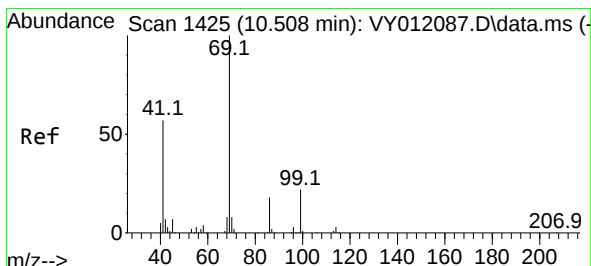
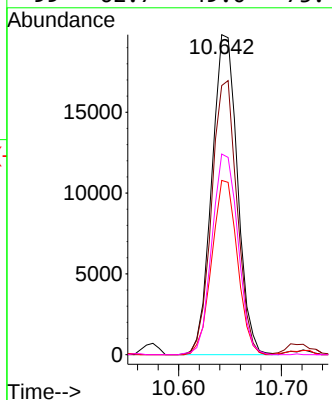
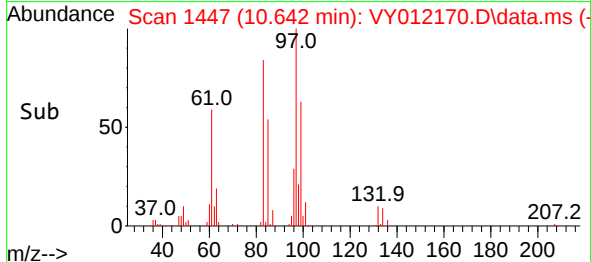
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



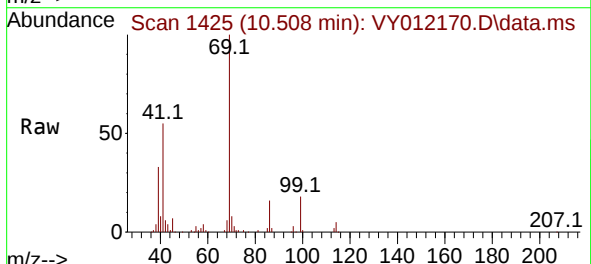
Tgt Ion: 97	Resp: 34270
Ion Ratio	Lower Upper
97 100	
83 84.1	67.7 101.5
85 54.5	43.8 65.8
99 62.7	49.0 73.4

Manual Integrations
APPROVED

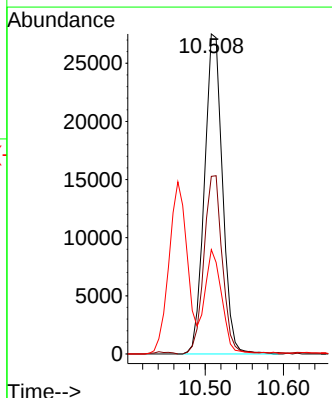
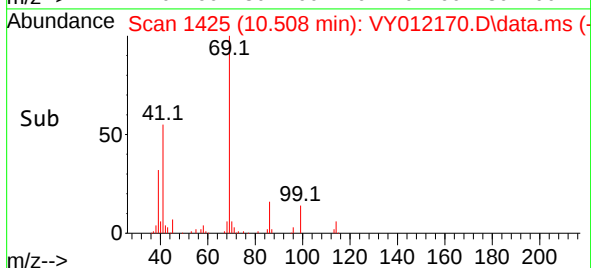
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

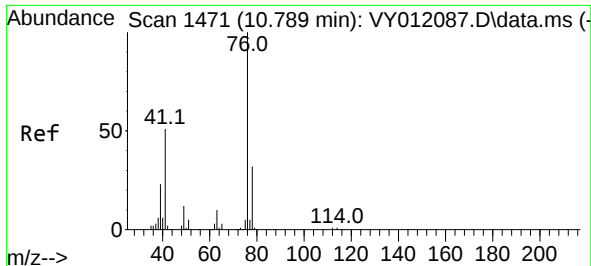


#56
Ethyl methacrylate
Concen: 20.533 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



Tgt Ion: 69	Resp: 43990
Ion Ratio	Lower Upper
69 100	
41 57.3	48.9 73.3
39 29.9	25.9 38.9





#57

1,3-Dichloropropane

Concen: 21.398 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 76 Resp: 5775

Ion Ratio Lower Upper

76 100

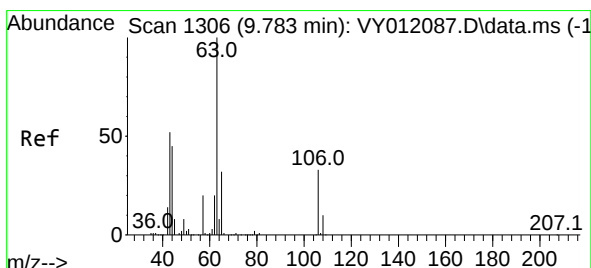
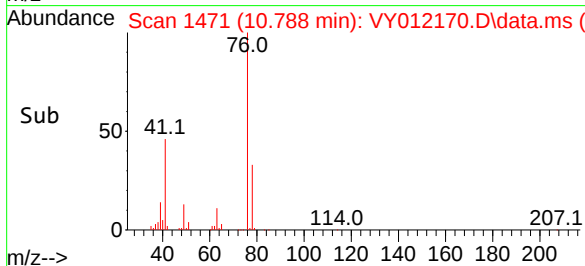
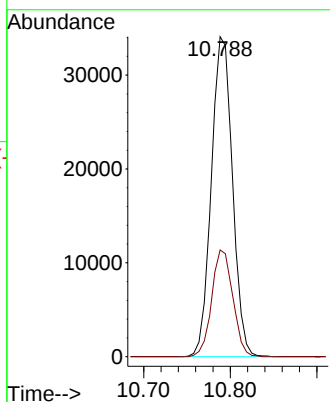
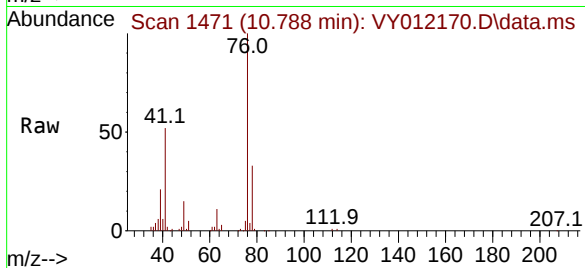
78 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.146 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012170.D

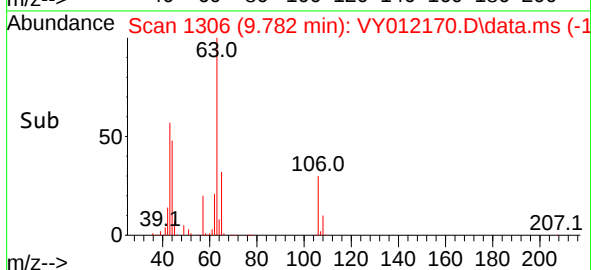
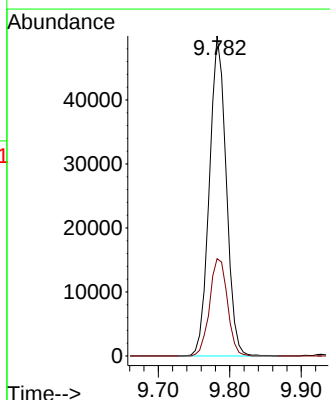
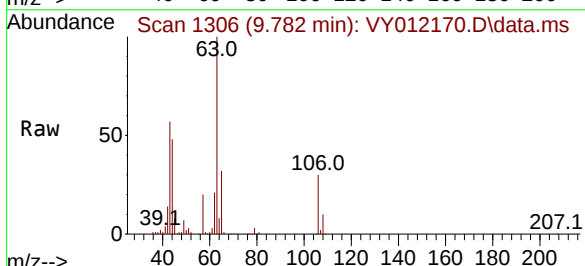
Acq: 12 Jan 2023 12:02

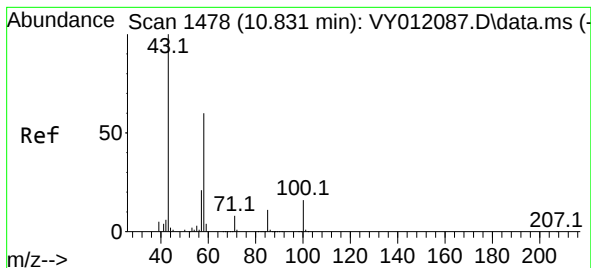
Tgt Ion: 63 Resp: 81613

Ion Ratio Lower Upper

63 100

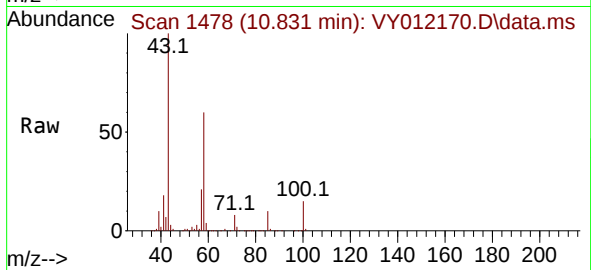
106 32.1 23.2 34.8





#59
2-Hexanone
Concen: 101.666 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

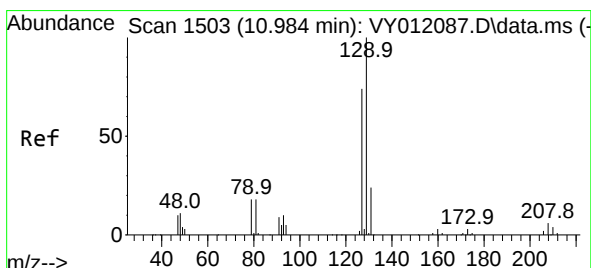
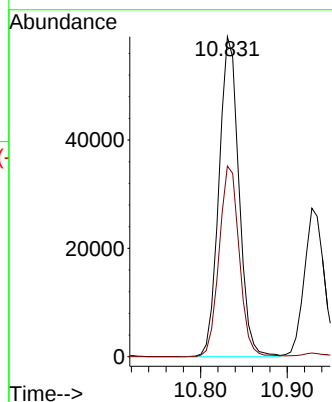
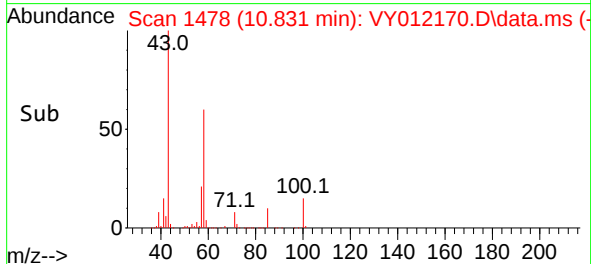
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 43 Resp: 94430
Ion Ratio Lower Upper
43 100
58 60.2 28.4 85.2

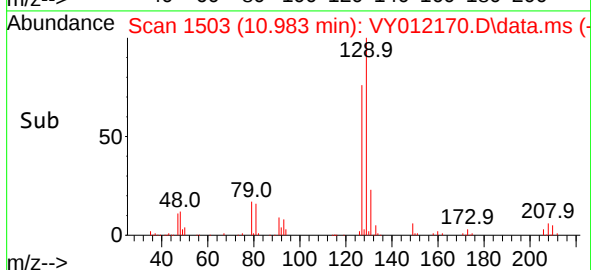
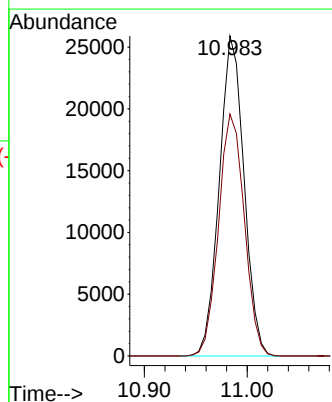
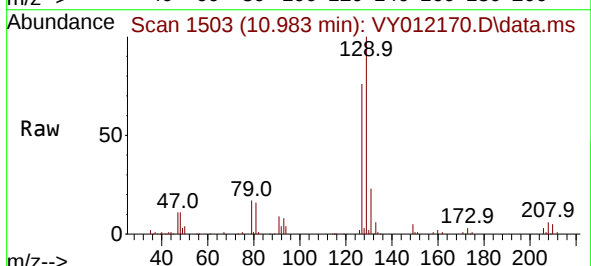
Manual Integrations
APPROVED

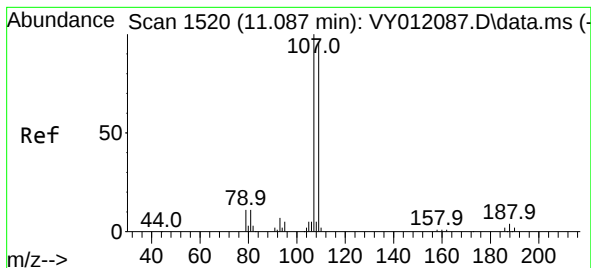
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 20.048 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion:129 Resp: 43232
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.6





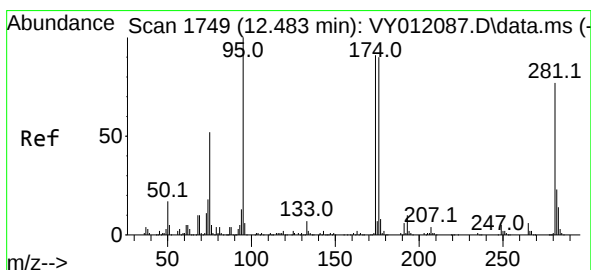
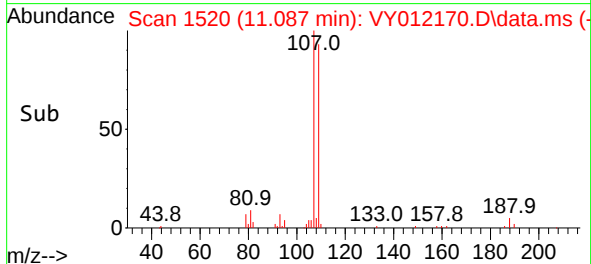
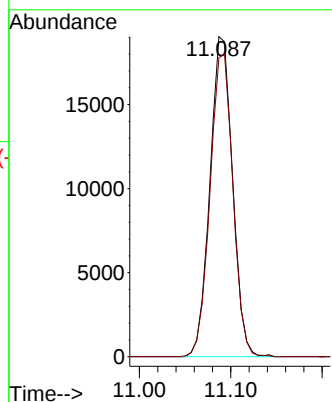
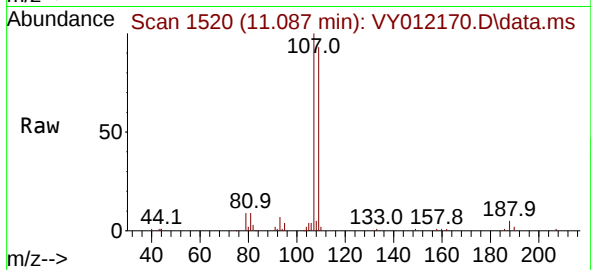
#61
1,2-Dibromoethane
Concen: 20.919 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:107 Resp: 32744
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6

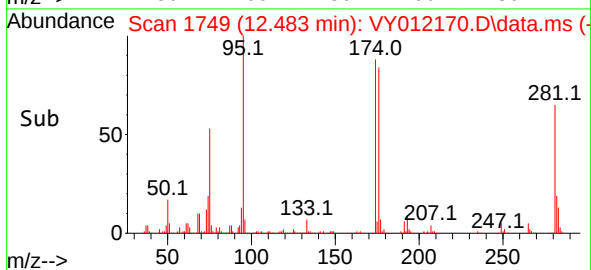
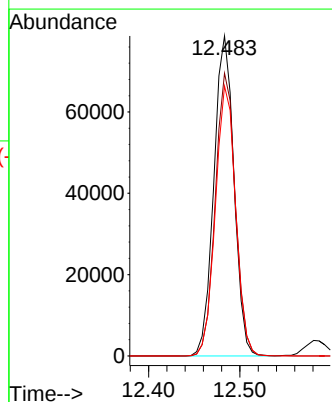
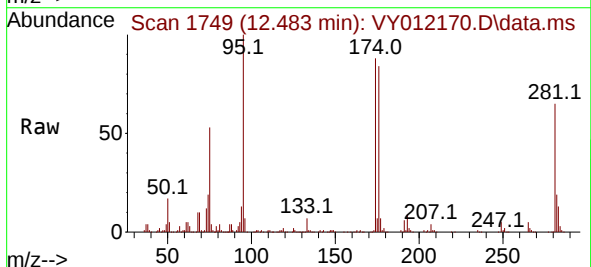
Manual Integrations
APPROVED

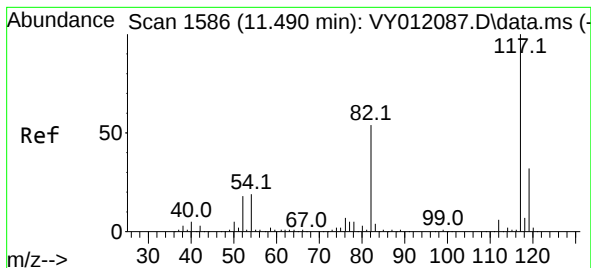
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#62
4-Bromofluorobenzene
Concen: 47.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

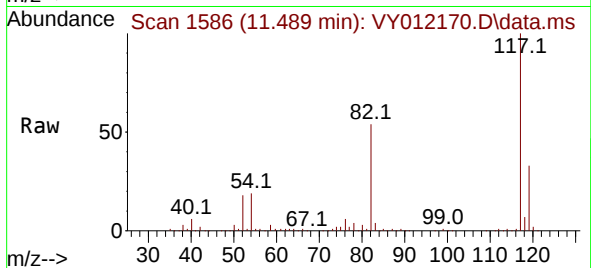
Tgt Ion: 95 Resp: 120197
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 84.9 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

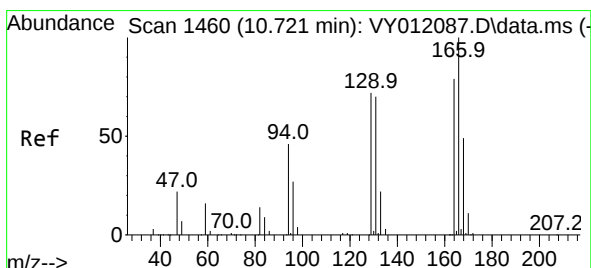
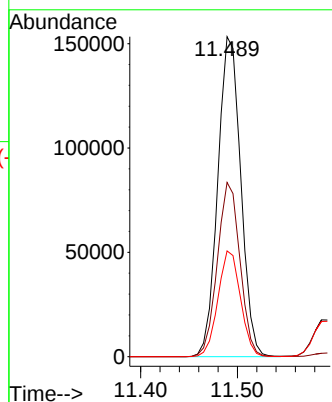
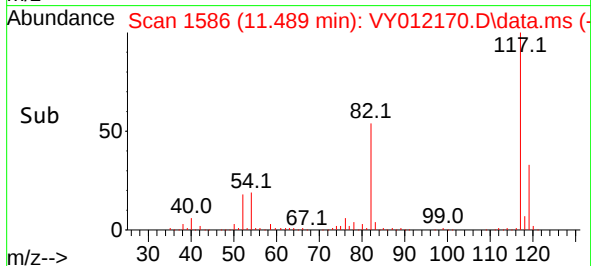
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion:117 Resp: 25244
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 33.1 25.4 38.2

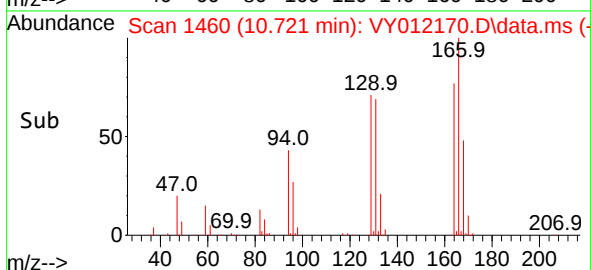
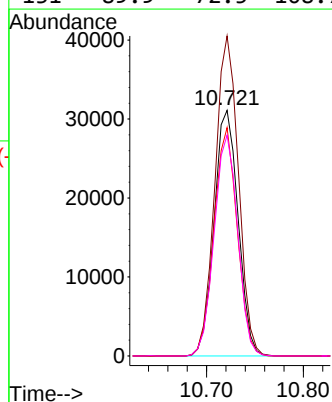
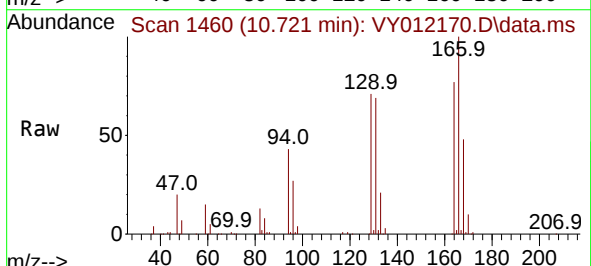
Manual Integrations
APPROVED

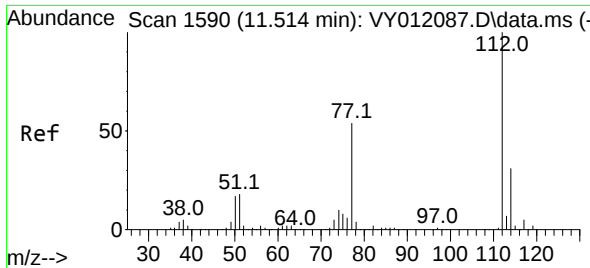
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#64
Tetrachloroethene
Concen: 21.674 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

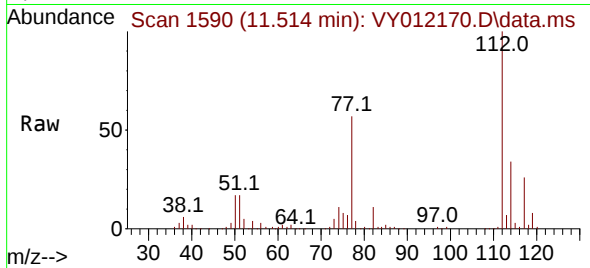
Tgt Ion:164 Resp: 53599
Ion Ratio Lower Upper
164 100
166 130.3 102.3 153.5
129 92.9 77.2 115.8
131 89.9 72.5 108.7





#65
Chlorobenzene
Concen: 21.339 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

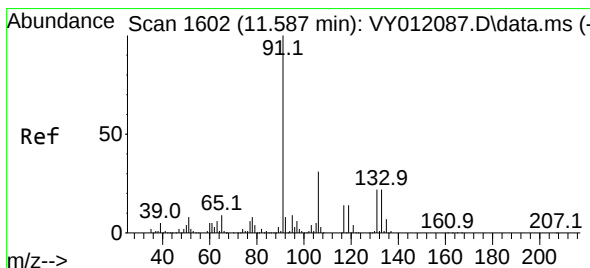
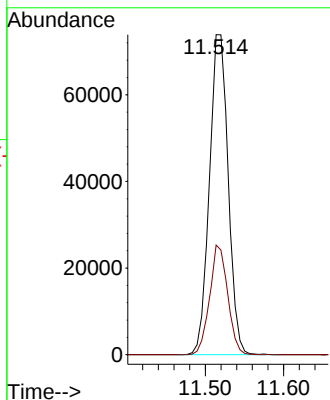
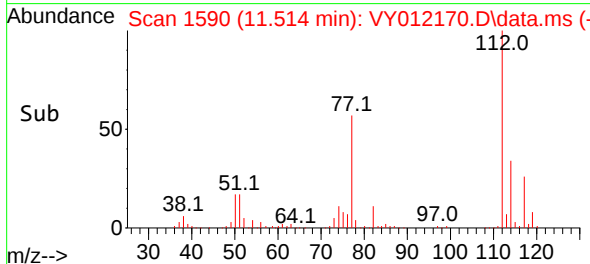
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



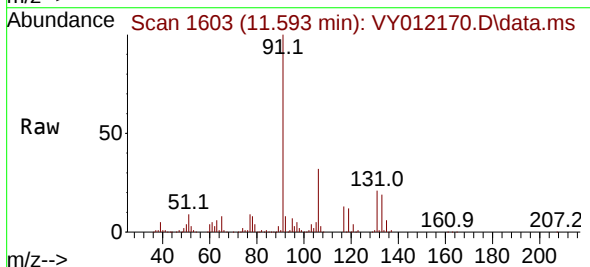
Tgt Ion:112 Resp: 123020
Ion Ratio Lower Upper
112 100
114 34.3 25.3 37.9

Manual Integrations
APPROVED

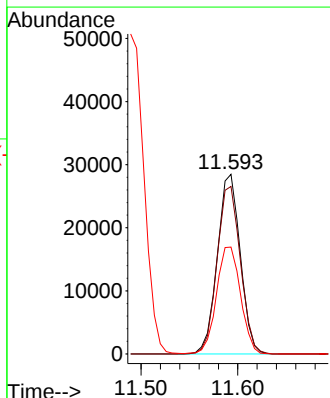
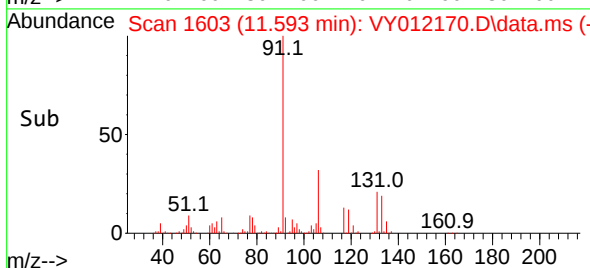
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

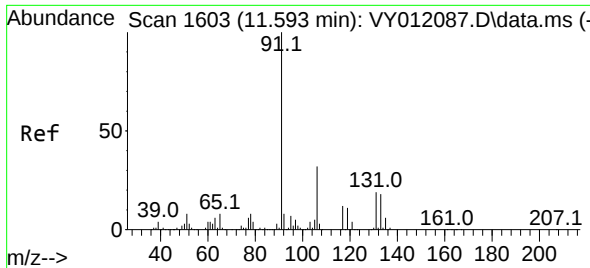


#66
1,1,1,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



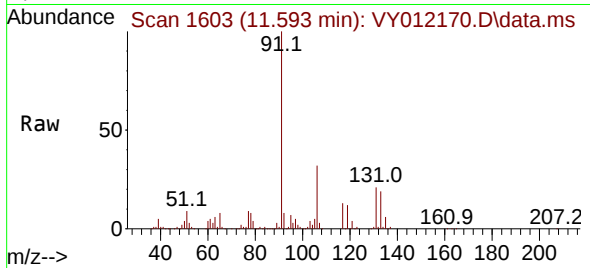
Tgt Ion:131 Resp: 46838
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 62.6 32.1 96.3





#67
Ethyl Benzene
Concen: 21.001 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

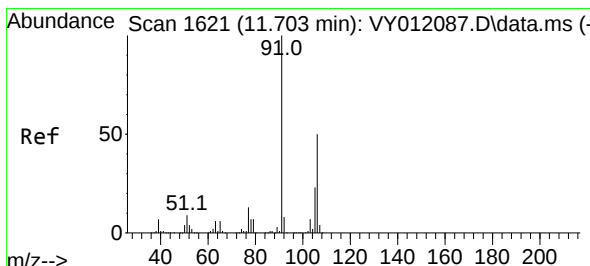
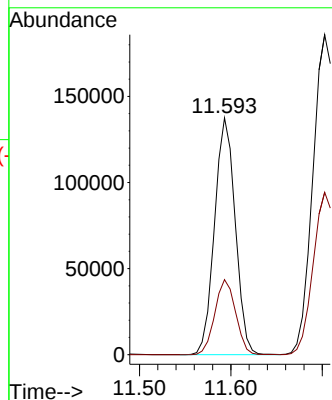
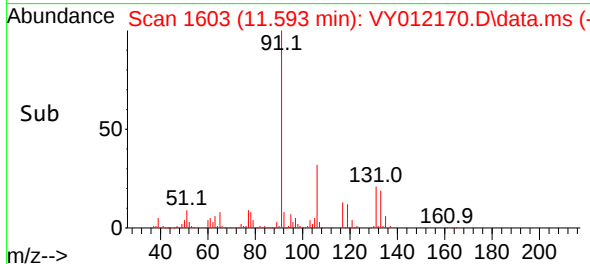
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 91 Resp: 216419
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

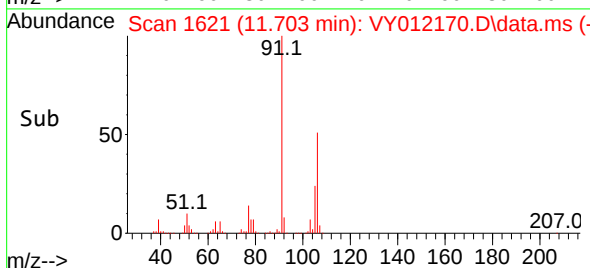
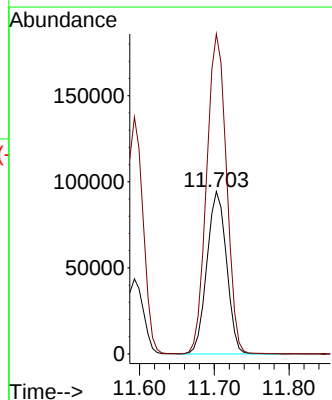
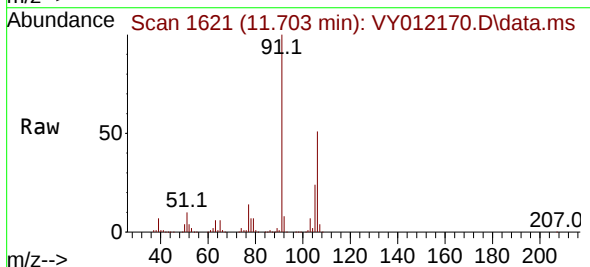
Manual Integrations
APPROVED

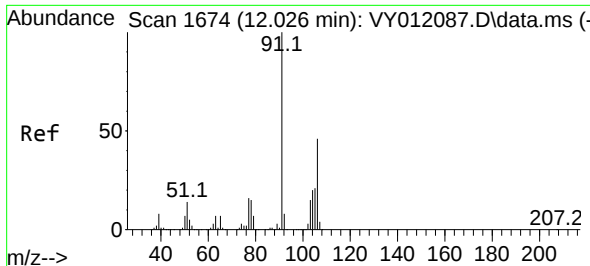
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
m/p-Xylenes
Concen: 42.499 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion:106 Resp: 171773
Ion Ratio Lower Upper
106 100
91 199.7 162.5 243.7





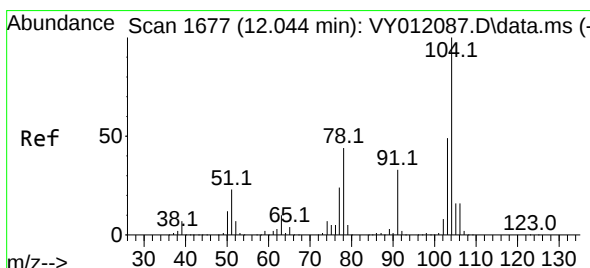
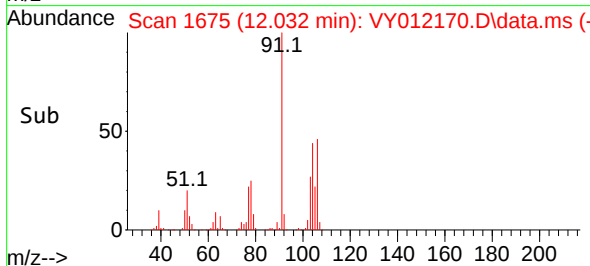
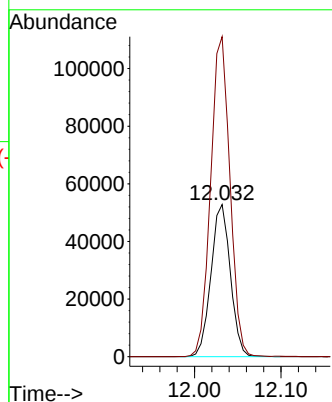
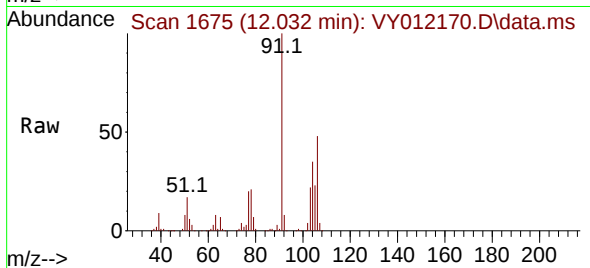
#69
o-Xylene
Concen: 21.327 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:106 Resp: 8207
Ion Ratio Lower Upper
106 100
91 209.7 107.5 322.4

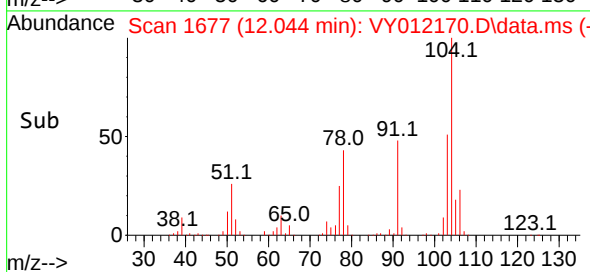
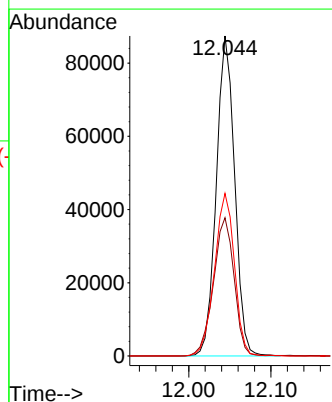
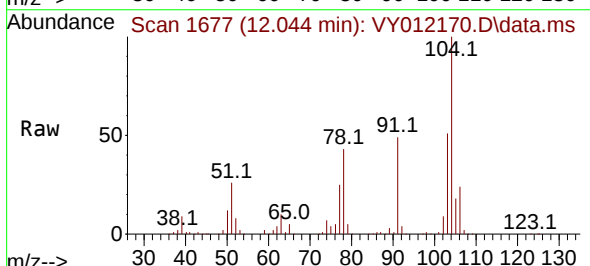
Manual Integrations
APPROVED

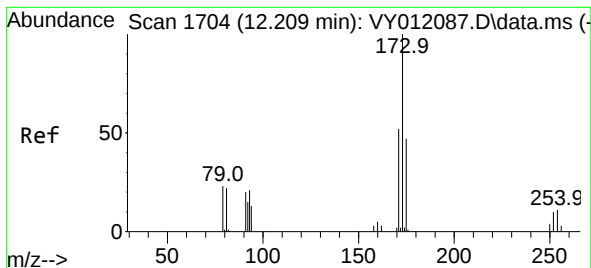
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 20.778 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion:104 Resp: 135831
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.0
103 55.2 43.0 64.4





#71

Bromoform

Concen: 19.916 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

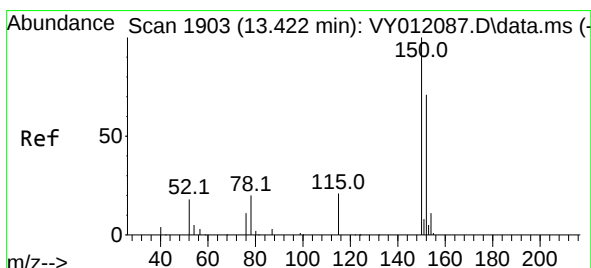
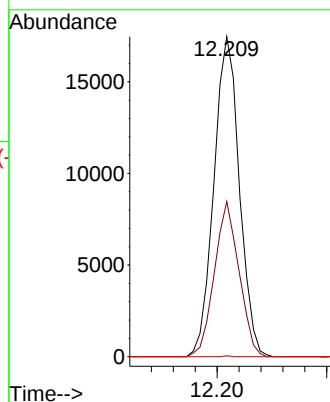
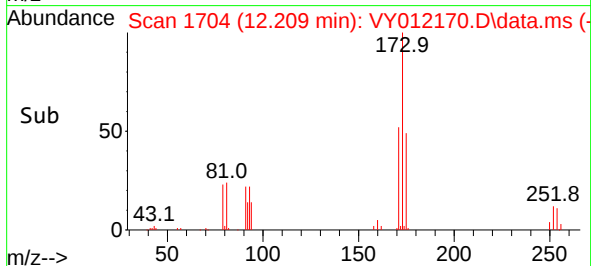
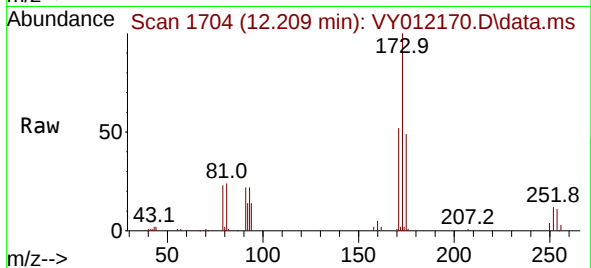
Tgt Ion:173	Resp:	2816
Ion Ratio	Lower	Upper
173	100	
175	46.8	23.8 71.5
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

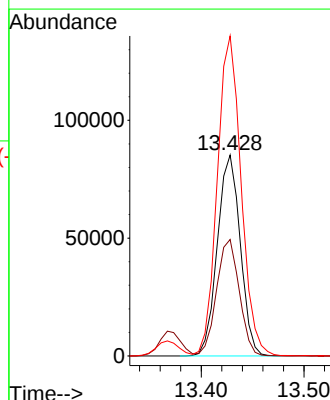
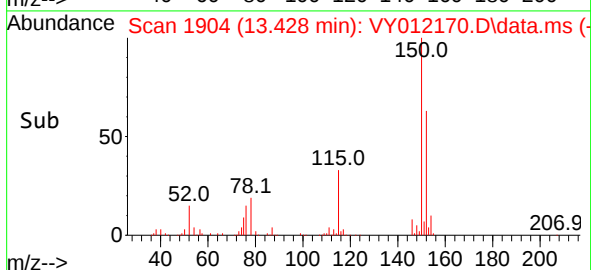
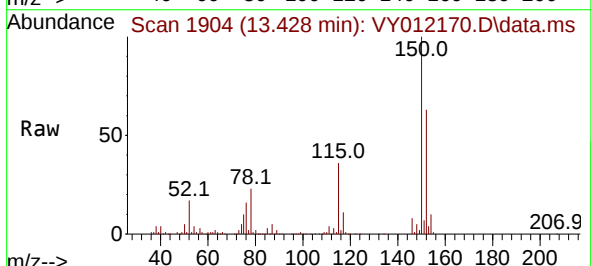
RT: 13.428 min Scan# 1904

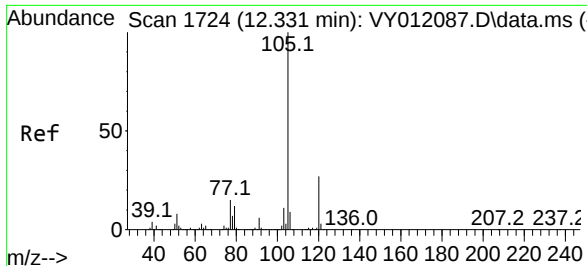
Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

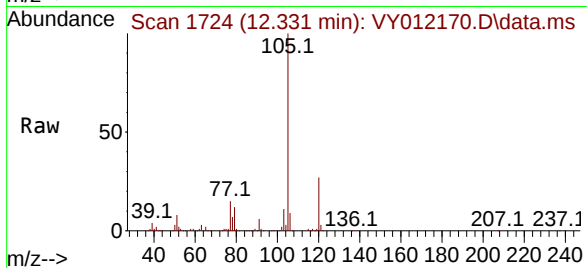
Tgt Ion:152	Resp:	131944
Ion Ratio	Lower	Upper
152	100	
115	57.7	29.1 87.3
150	165.4	0.0 342.6





#73
Isopropylbenzene
Concen: 21.031 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

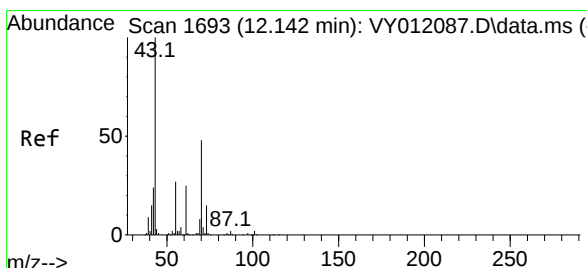
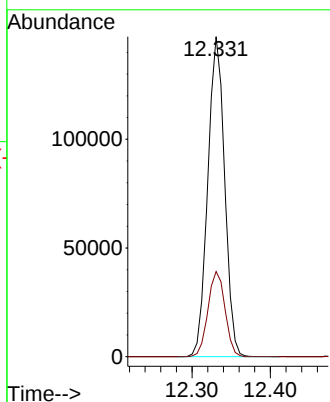
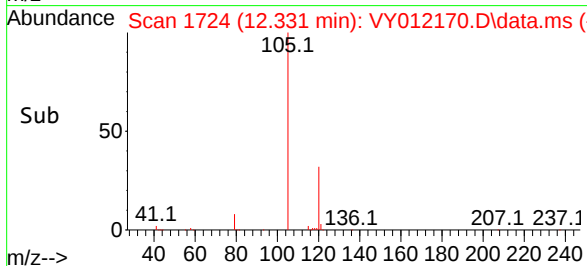
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



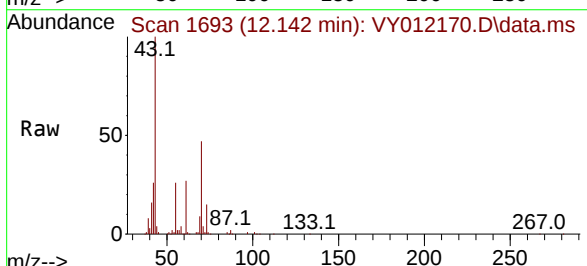
Tgt Ion:105 Resp: 21956
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6

Manual Integrations
APPROVED

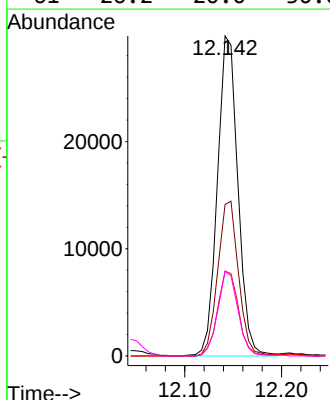
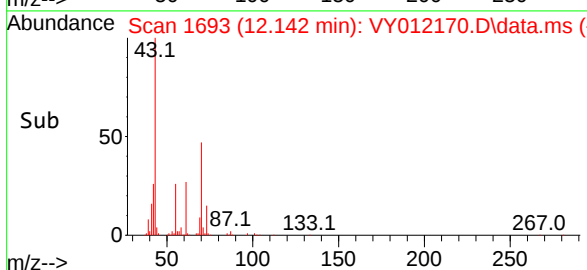
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

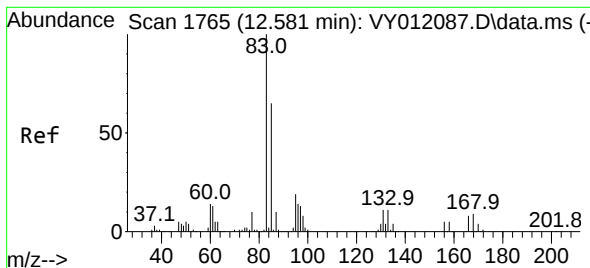


#74
N-ethyl acetate
Concen: 20.421 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



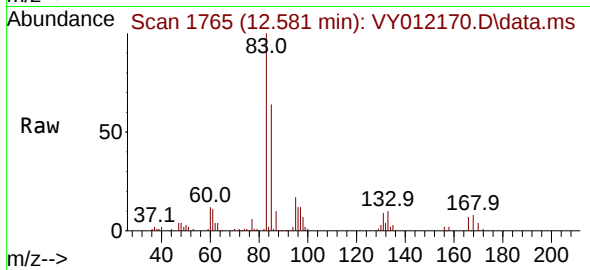
Tgt Ion: 43 Resp: 44016
Ion Ratio Lower Upper
43 100
70 48.9 35.8 53.8
55 27.1 21.0 31.4
61 26.2 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.912 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

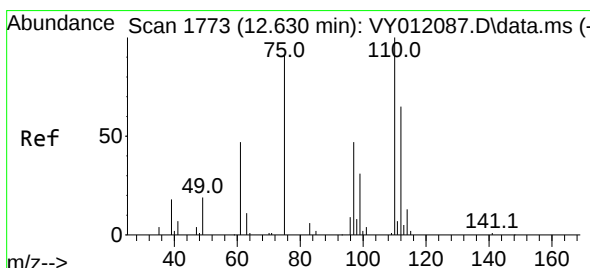
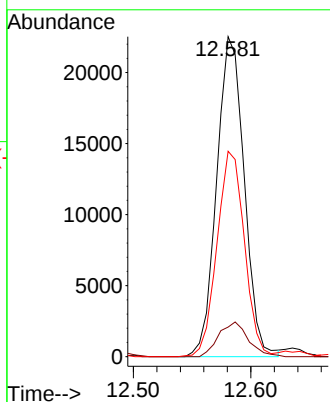
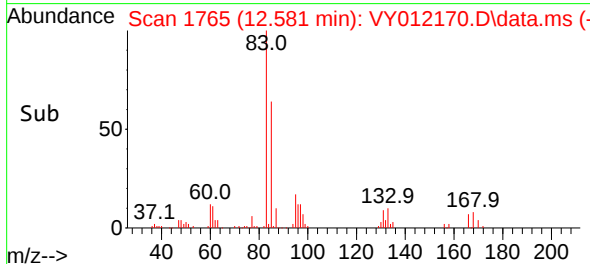
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 83 Resp: 36720
Ion Ratio Lower Upper
83 100
131 11.7 5.6 16.8
85 63.8 32.3 96.8

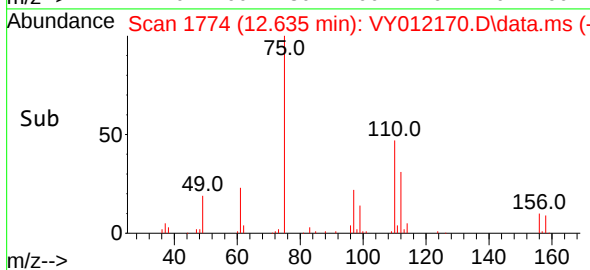
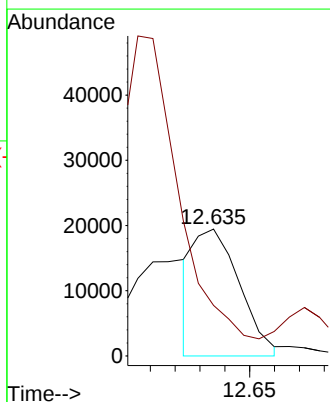
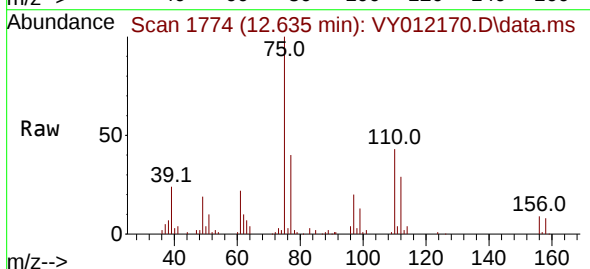
Manual Integrations
APPROVED

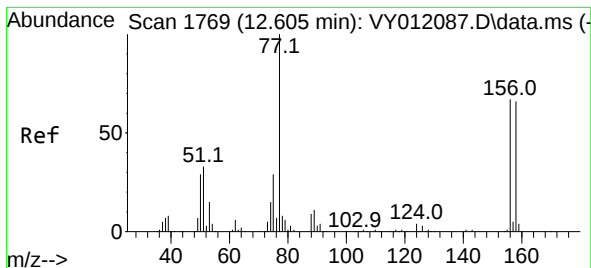
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#76
1,2,3-Trichloropropane
Concen: 16.495 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 75 Resp: 24851
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.637 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

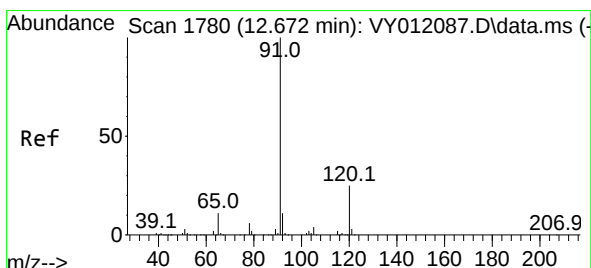
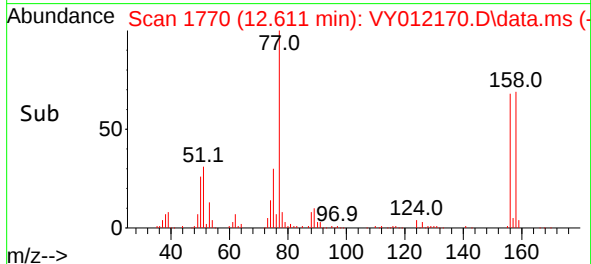
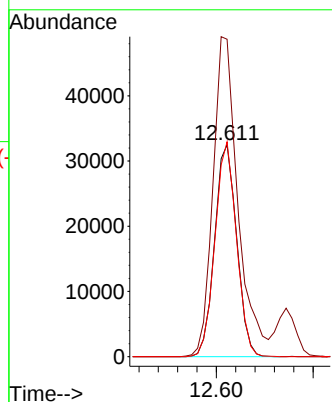
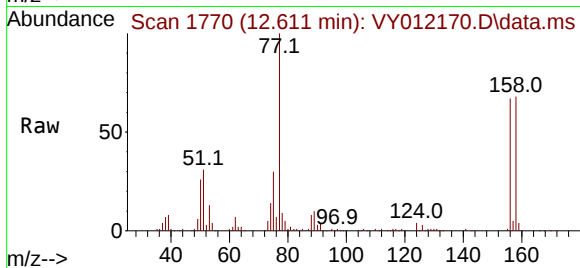
Tgt Ion:	156	Resp:	51389
Ion Ratio	Lower	Upper	
156	100		
77	170.9	90.0	270.0
158	98.9	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#78

n-propylbenzene

Concen: 21.393 ug/l

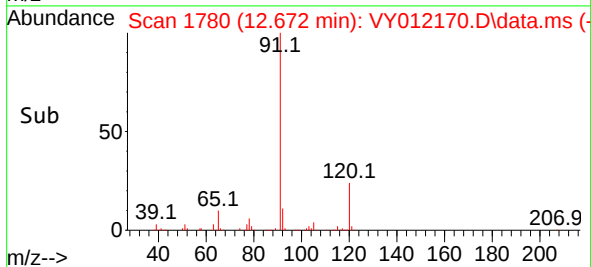
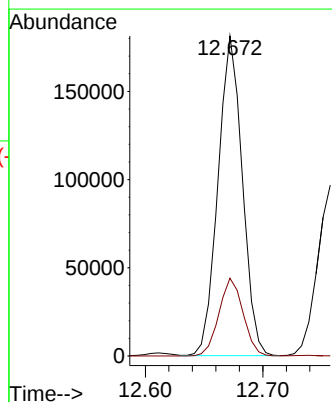
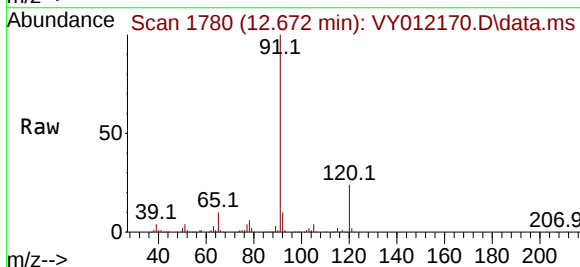
RT: 12.672 min Scan# 1780

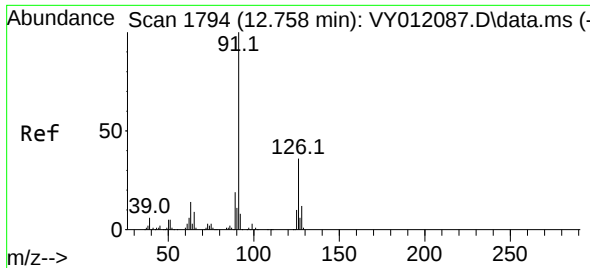
Delta R.T. 0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

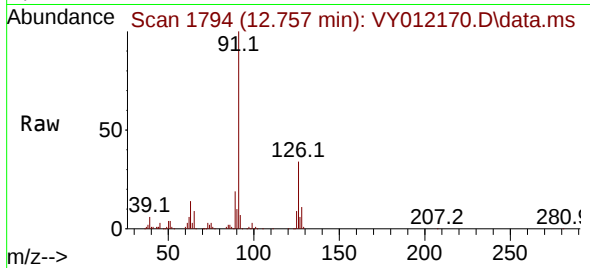
Tgt Ion:	91	Resp:	260737
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.4





#79
2-Chlorotoluene
Concen: 20.988 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

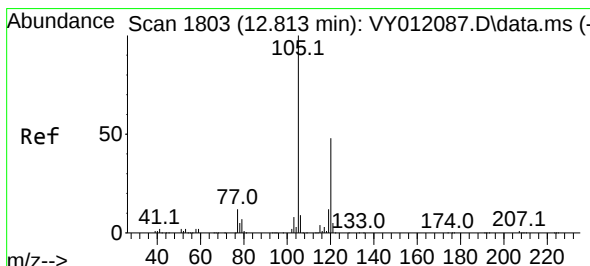
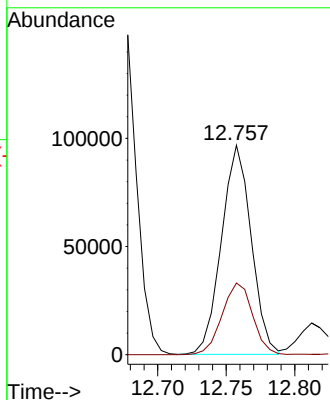
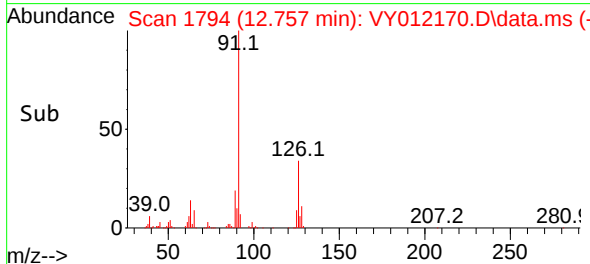
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



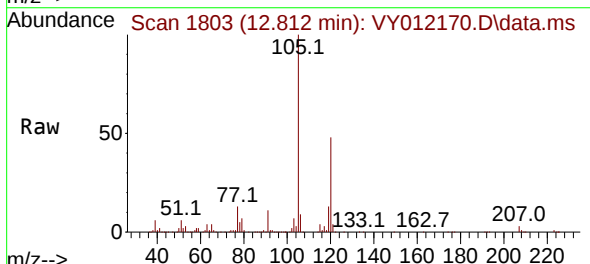
Tgt Ion: 91 Resp: 14632
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5

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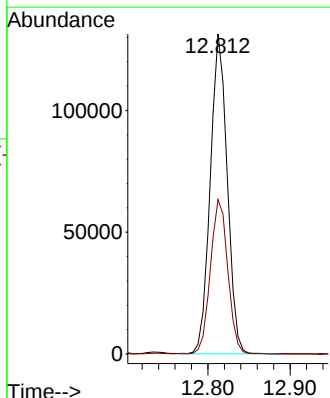
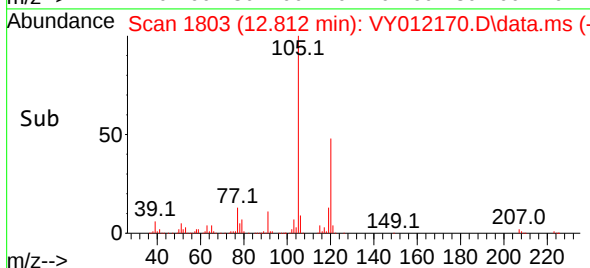
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

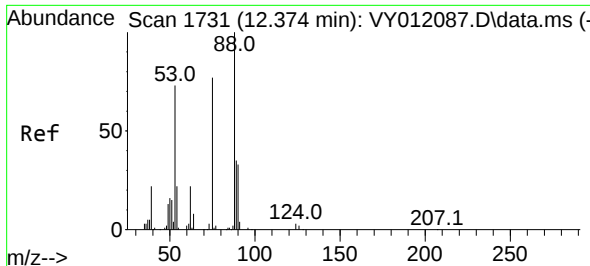


#80
1,3,5-Trimethylbenzene
Concen: 21.011 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



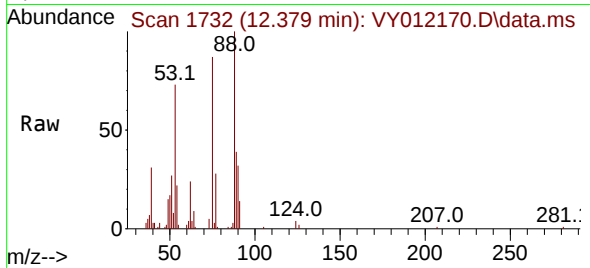
Tgt Ion:105 Resp: 188147
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.520 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

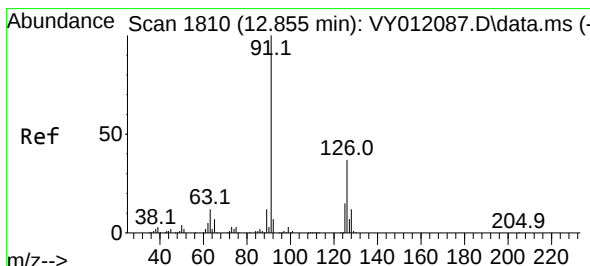
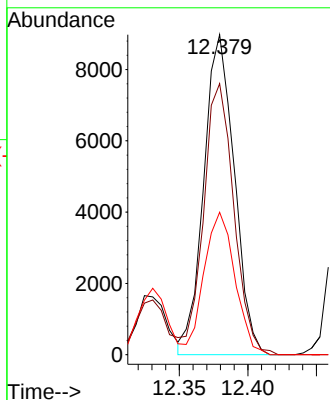
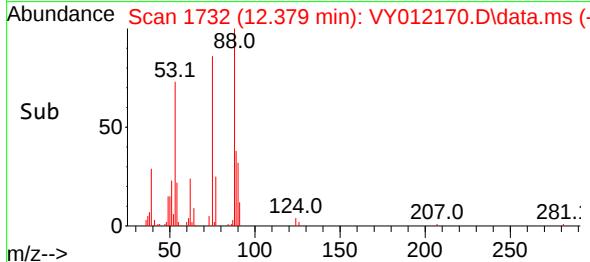
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 75 Resp: 13920
Ion Ratio Lower Upper
75 100
53 84.2 72.5 108.7
89 44.7 37.0 55.4

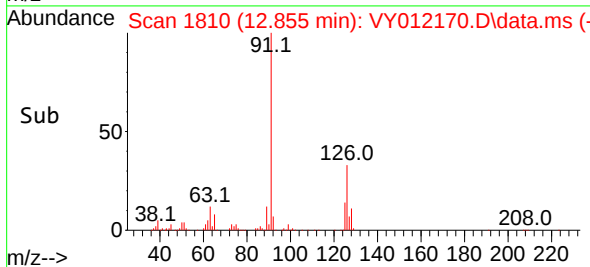
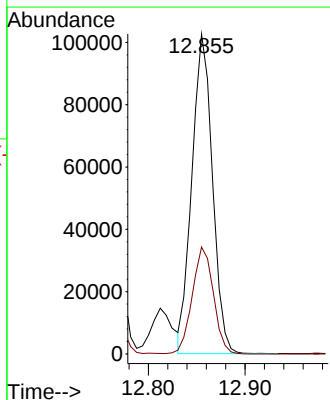
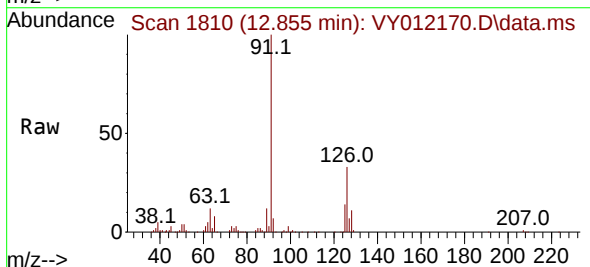
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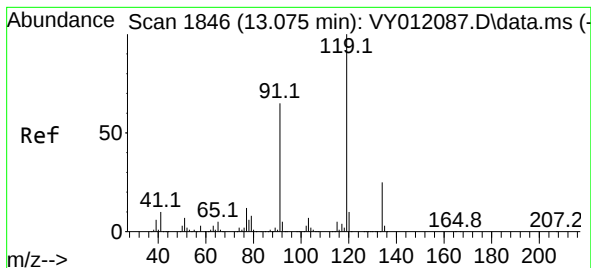
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#82
4-Chlorotoluene
Concen: 20.779 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

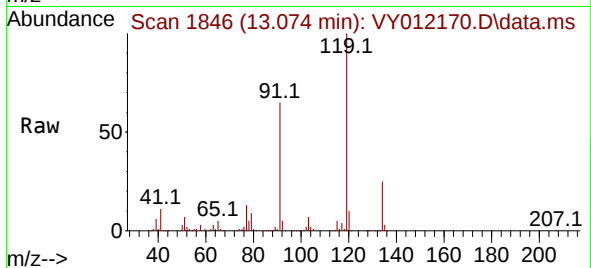
Tgt Ion: 91 Resp: 151522
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 20.407 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

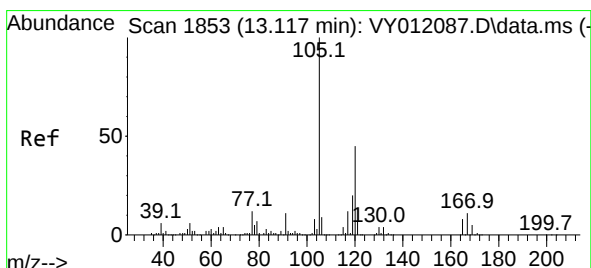
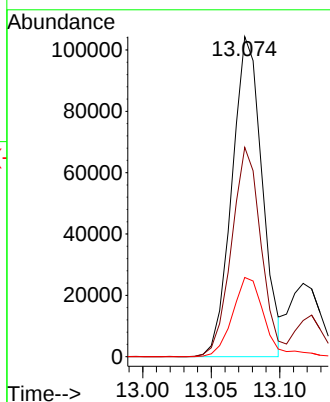
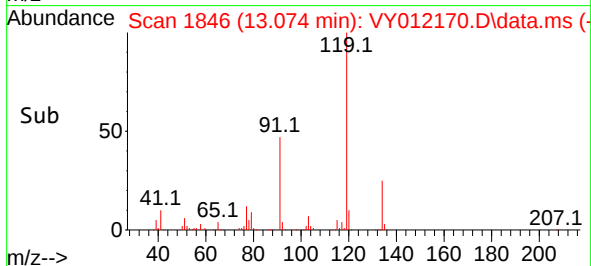
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



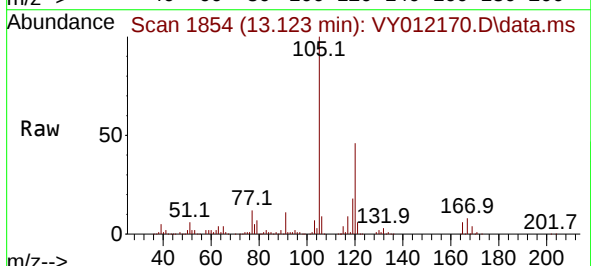
Tgt Ion:119 Resp: 160108
Ion Ratio Lower Upper
119 100
91 64.4 32.3 96.8
134 26.3 13.0 39.0

Manual Integrations
APPROVED

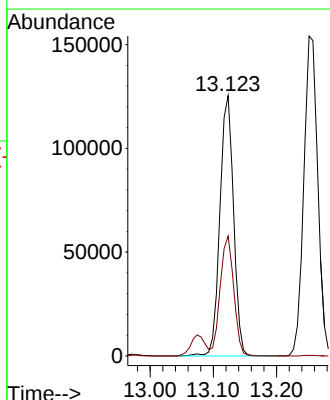
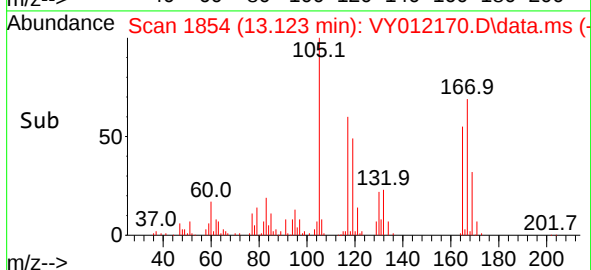
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

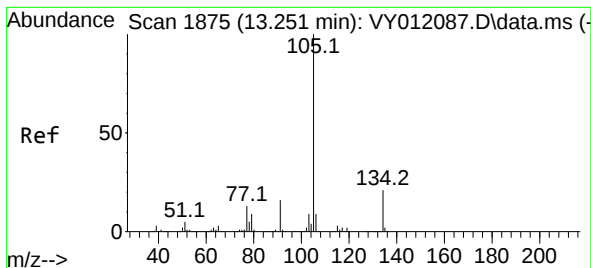


#84
1,2,4-Trimethylbenzene
Concen: 21.145 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02



Tgt Ion:105 Resp: 187432
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.841 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion:105 Resp: 235030

Ion Ratio Lower Upper

105 100

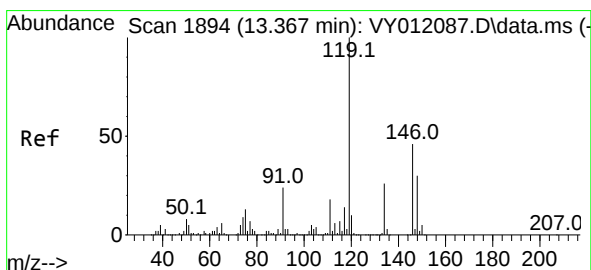
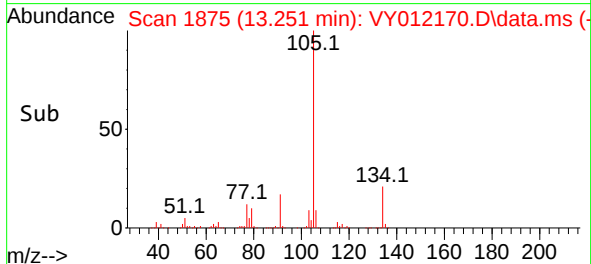
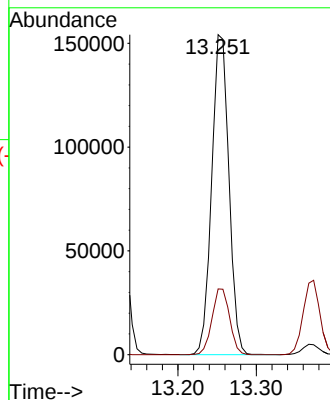
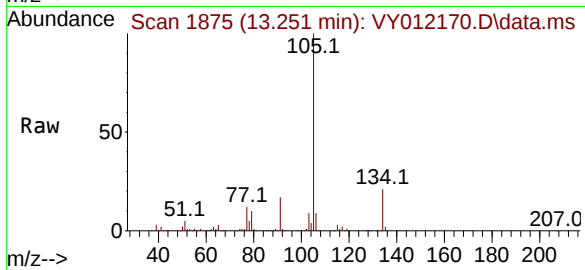
134 21.0 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#86

p-Isopropyltoluene

Concen: 20.812 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

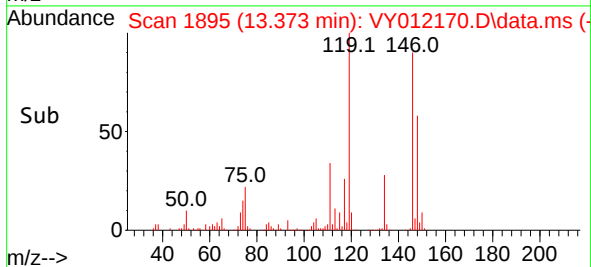
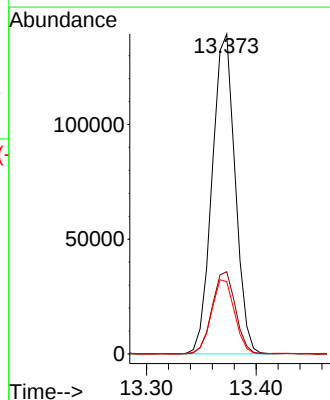
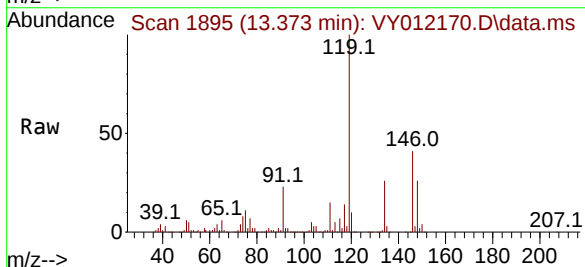
Tgt Ion:119 Resp: 203331

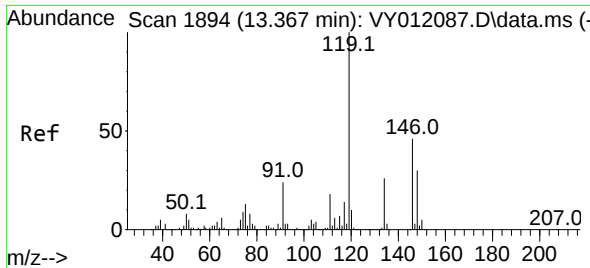
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

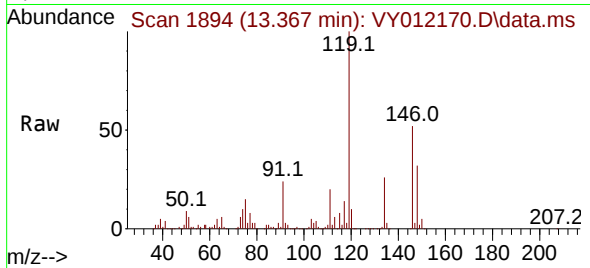
91 23.3 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012170.D
 Acq: 12 Jan 2023 12:02

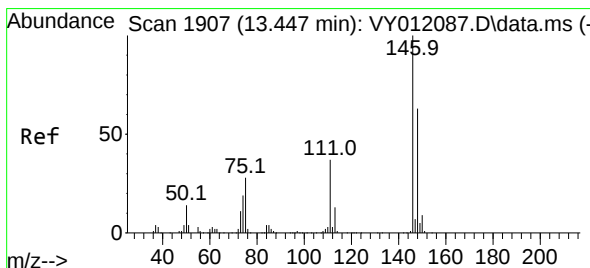
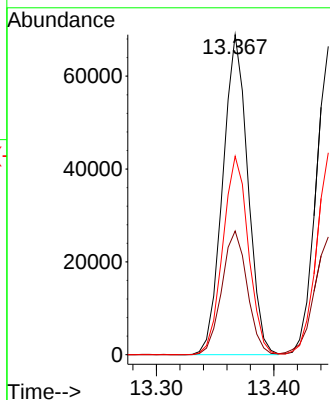
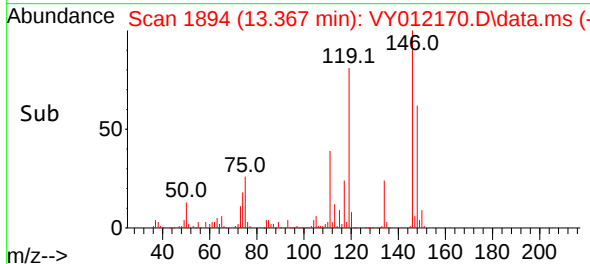
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01



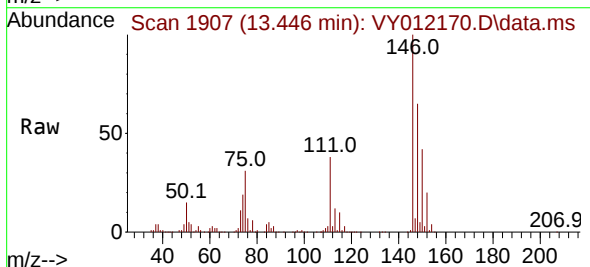
Tgt Ion:146 Resp: 102298
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.0
 148 63.3 32.0 96.0

Manual Integrations
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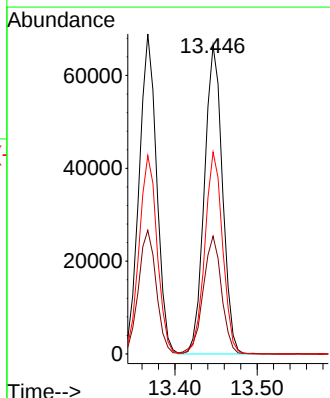
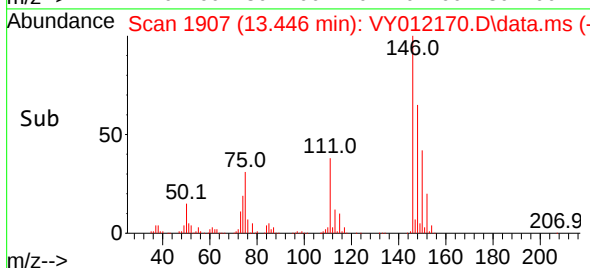
Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

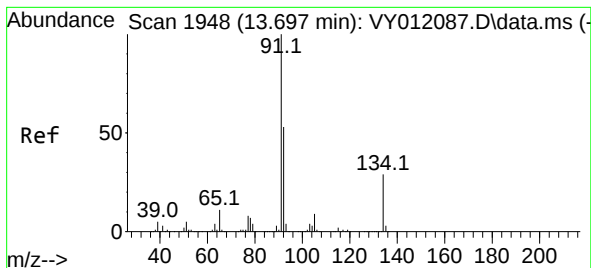


#88
 1,4-Dichlorobenzene
 Concen: 20.332 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012170.D
 Acq: 12 Jan 2023 12:02



Tgt Ion:146 Resp: 101378
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 21.289 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 91 Resp: 180240

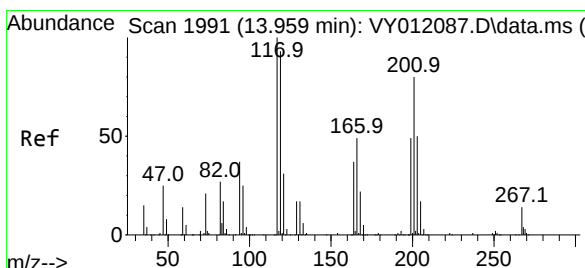
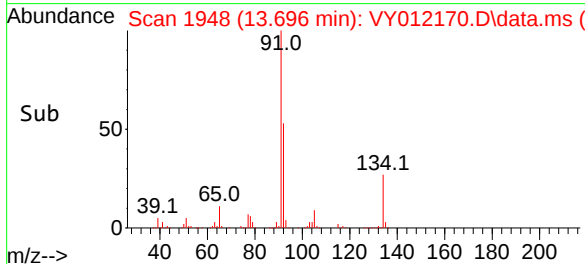
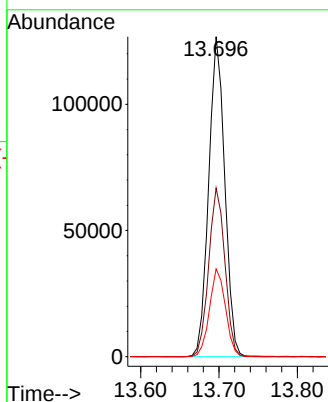
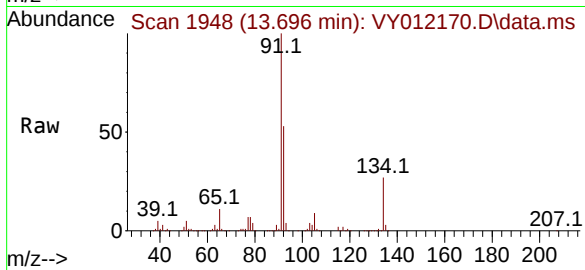
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	27.4	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#90

Hexachloroethane

Concen: 20.941 ug/l

RT: 13.958 min Scan# 1991

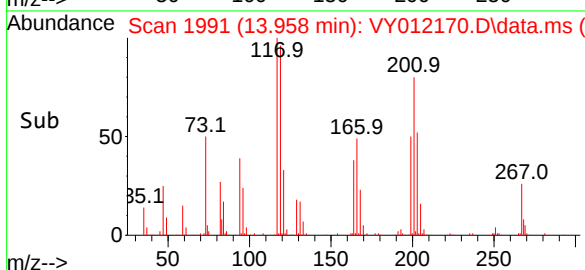
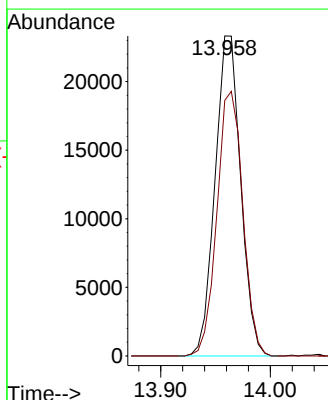
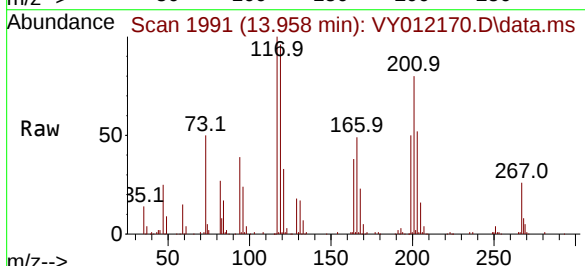
Delta R.T. -0.001 min

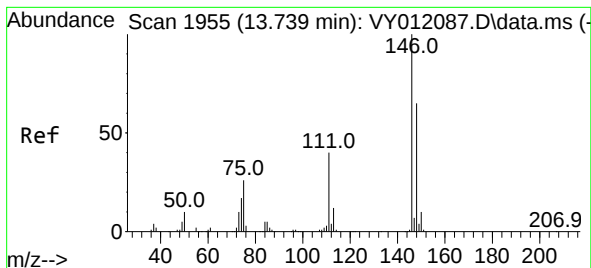
Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion:117 Resp: 37956

Ion	Ratio	Lower	Upper
117	100		
201	83.5	40.3	120.8





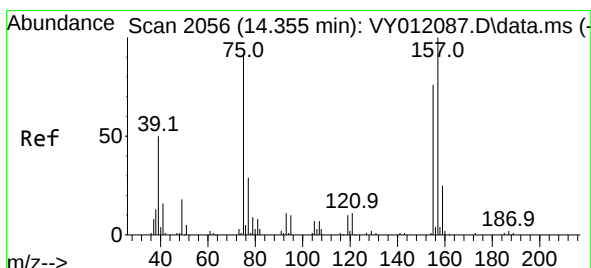
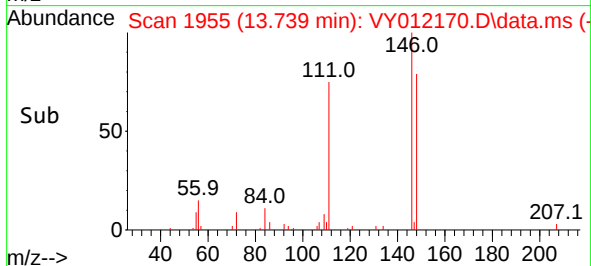
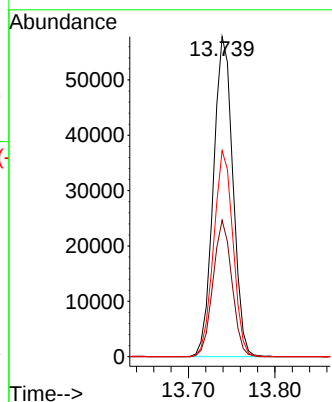
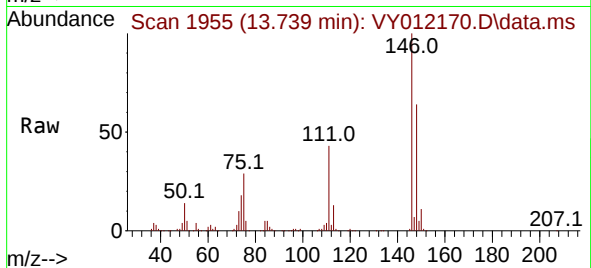
#91
1,2-Dichlorobenzene
Concen: 20.353 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:146 Resp: 9050
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.8
148 63.8 31.8 95.4

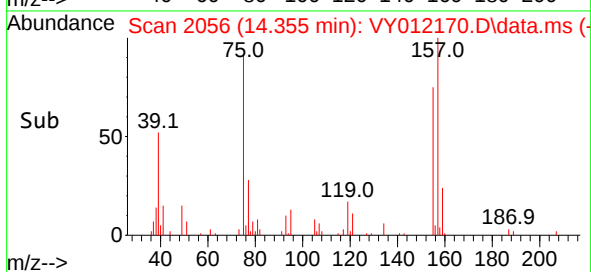
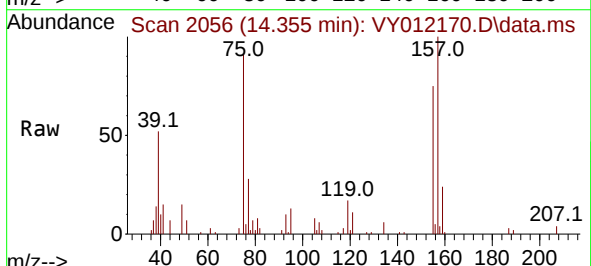
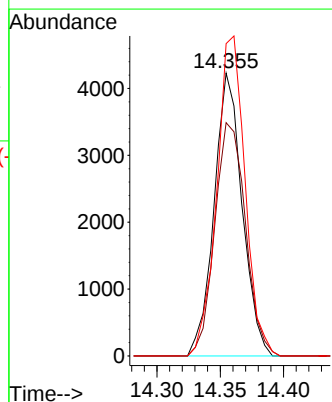
Manual Integrations
APPROVED

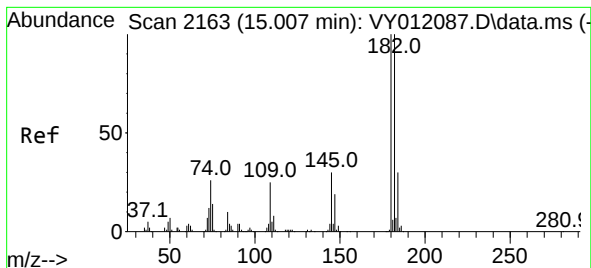
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.665 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012170.D
Acq: 12 Jan 2023 12:02

Tgt Ion: 75 Resp: 6515
Ion Ratio Lower Upper
75 100
155 90.3 42.3 126.8
157 114.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.939 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012170.D

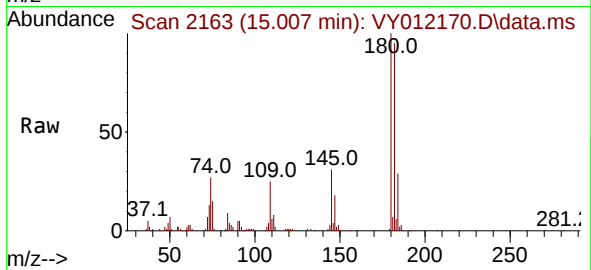
Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01



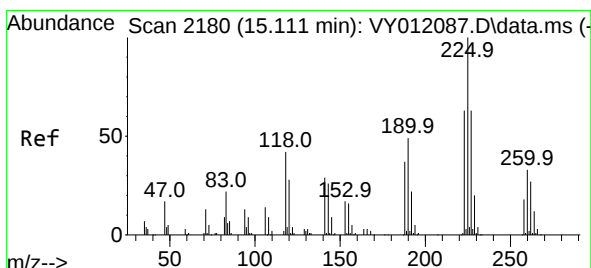
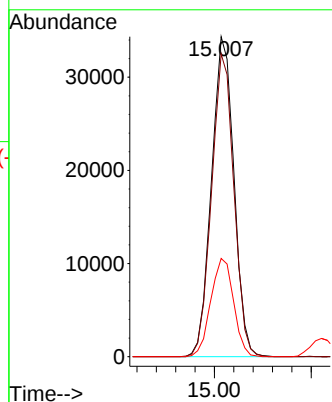
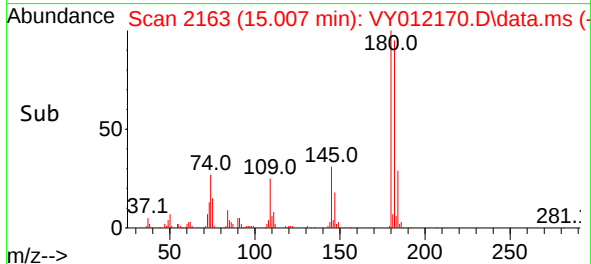
Tgt Ion:180	Resp:	55279
Ion Ratio	Lower	Upper
180	100	
182	94.0	48.1 144.3
145	31.2	15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#94

Hexachlorobutadiene

Concen: 21.296 ug/l

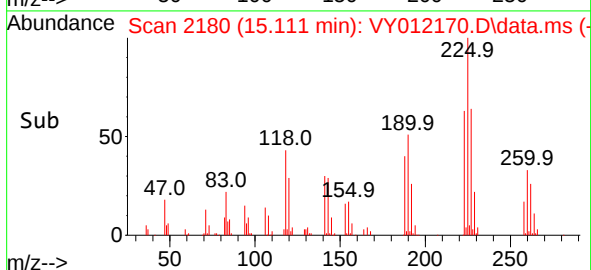
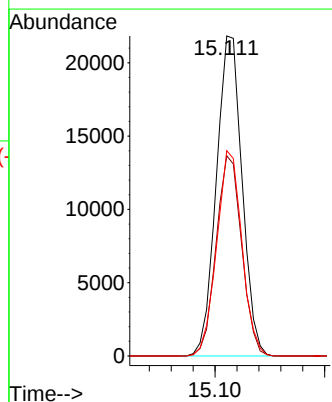
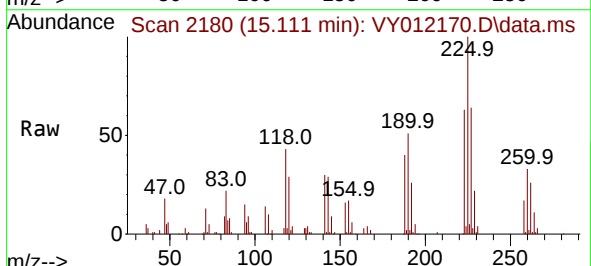
RT: 15.111 min Scan# 2180

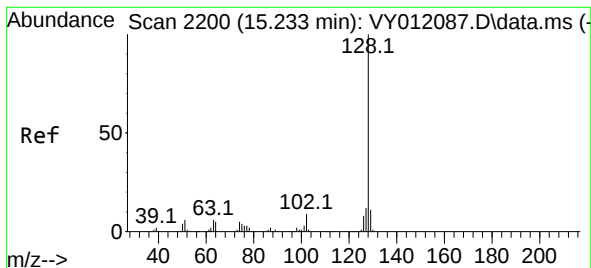
Delta R.T. -0.000 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion:225	Resp:	35622
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.4 94.2
227	62.8	32.6 97.8





#95

Naphthalene

Concen: 18.039 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

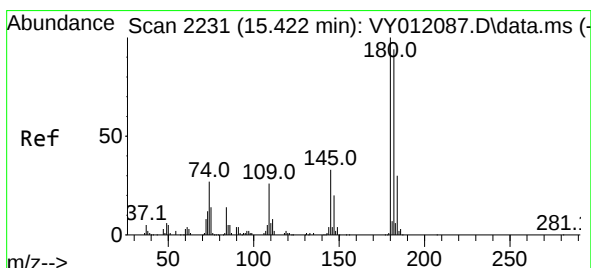
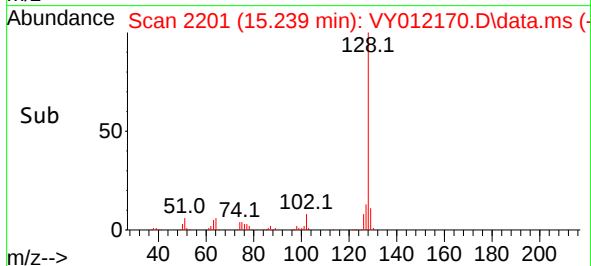
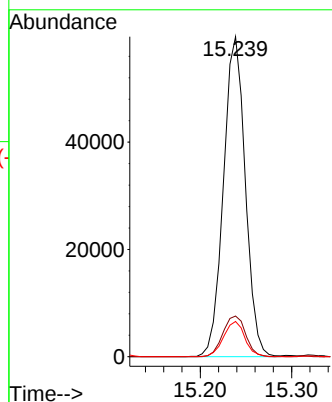
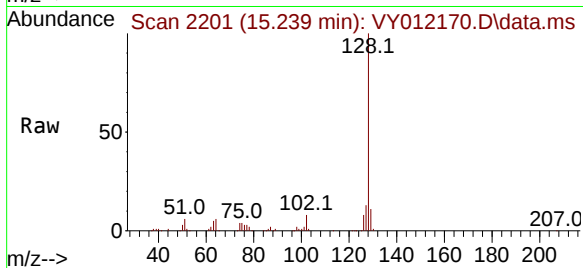
Tgt Ion:128	Resp:	9897
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.2 15.2
129	10.8	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.187 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012170.D

Acq: 12 Jan 2023 12:02

Tgt Ion:180	Resp:	46248
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.7
145	32.2	16.1 48.2

