

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
 Data File : VY012019.D
 Acq On : 27 Dec 2022 17:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

Quant Time: Dec 28 00:39:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109506	52.884	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.760%			
35) Dibromofluoromethane	7.716	113	97591	52.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.179	98	384537	50.919	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.483	95	136490	53.739	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87374	53.137	ug/l	99
3) Chloromethane	2.113	50	82582	45.145	ug/l	98
4) Vinyl Chloride	2.253	62	94536	46.862	ug/l	97
5) Bromomethane	2.650	94	67275	46.875	ug/l	98
6) Chloroethane	2.796	64	63440	48.111	ug/l	96
7) Trichlorofluoromethane	3.125	101	186436	52.794	ug/l	99
8) Diethyl Ether	3.527	74	56924	52.242	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	99092	50.973	ug/l	96
10) Methyl Iodide	4.088	142	138703	51.569	ug/l	97
11) Tert butyl alcohol	4.948	59	47342	230.540	ug/l	97
12) 1,1-Dichloroethene	3.875	96	97712	50.249	ug/l	98
13) Acrolein	3.729	56	46285	239.116	ug/l	100
14) Allyl chloride	4.478	41	136939	47.820	ug/l	93
15) Acrylonitrile	5.161	53	139970	276.150	ug/l	100
16) Acetone	3.948	43	181562	292.833	ug/l	98
17) Carbon Disulfide	4.198	76	266043	42.890	ug/l	99
18) Methyl Acetate	4.478	43	72466	50.646	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	283200	56.760	ug/l	96
20) Methylene Chloride	4.716	84	125048	52.825	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	108402	49.061	ug/l	94
22) Diisopropyl ether	6.118	45	286814	50.854	ug/l #	96
23) Vinyl Acetate	6.057	43	874199	269.410	ug/l	95
24) 1,1-Dichloroethane	6.015	63	183233	49.981	ug/l	98
25) 2-Butanone	6.984	43	198211	287.360	ug/l	95
26) 2,2-Dichloropropane	6.978	77	183158	51.057	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	123330	51.608	ug/l	95
28) Bromochloromethane	7.332	49	45953	45.678	ug/l	89
29) Tetrahydrofuran	7.344	42	104916	268.461	ug/l	91
30) Chloroform	7.502	83	204425	51.734	ug/l	97
31) Cyclohexane	7.789	56	157721	45.245	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	196077	52.170	ug/l	98
36) 1,1-Dichloropropene	7.917	75	149307	50.009	ug/l	99
37) Ethyl Acetate	7.069	43	71469	53.354	ug/l	97
38) Carbon Tetrachloride	7.899	117	184408	53.480	ug/l	98
39) Methylcyclohexane	9.185	83	181349	50.479	ug/l	96
40) Benzene	8.161	78	430597	50.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	39426m	60.867	ug/l	
42) 1,2-Dichloroethane	8.234	62	133733	54.370	ug/l	99
43) Isopropyl Acetate	8.270	43	134900	55.142	ug/l	96
44) Trichloroethene	8.935	130	124846	51.840	ug/l	98
45) 1,2-Dichloropropane	9.215	63	98432	49.860	ug/l	99
46) Dibromomethane	9.307	93	61034	53.673	ug/l	98
47) Bromodichloromethane	9.496	83	155511	53.905	ug/l	97
48) Methyl methacrylate	9.289	41	64000	56.501	ug/l	97
49) 1,4-Dioxane	9.295	88	17188	1265.980	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	366617	281.044	ug/l	98
52) Toluene	10.246	92	282718	51.935	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	161060	55.250	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	174520	53.261	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	87542	54.250	ug/l	99
56) Ethyl methacrylate	10.508	69	119205	58.345	ug/l	97
57) 1,3-Dichloropropane	10.788	76	146552	54.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	207730	263.488	ug/l	94
59) 2-Hexanone	10.831	43	292729	305.028	ug/l	98
60) Dibromochloromethane	10.983	129	114713	56.430	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83727	55.458	ug/l	100
64) Tetrachloroethene	10.721	164	131411	52.836	ug/l	96
65) Chlorobenzene	11.514	112	305708	51.816	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	118209	53.850	ug/l	98
67) Ethyl Benzene	11.593	91	560245	52.533	ug/l	100
68) m/p-Xylenes	11.703	106	436008	105.124	ug/l	100
69) o-Xylene	12.026	106	207344	53.729	ug/l	100
70) Styrene	12.044	104	353095	54.493	ug/l	98
71) Bromoform	12.209	173	74147	57.004	ug/l #	99
73) Isopropylbenzene	12.331	105	569571	51.983	ug/l	100
74) N-amyl acetate	12.142	43	122802	54.668	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	94967	51.954	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	74639m	40.623	ug/l	
77) Bromobenzene	12.605	156	131862	52.019	ug/l	97
78) n-propylbenzene	12.672	91	670876	50.938	ug/l	99
79) 2-Chlorotoluene	12.757	91	377598	51.004	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	487939	52.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35645	53.128	ug/l	98
82) 4-Chlorotoluene	12.855	91	396629	51.779	ug/l	99
83) tert-Butylbenzene	13.075	119	423518	53.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	479498	51.956	ug/l	99
85) sec-Butylbenzene	13.251	105	616170	51.902	ug/l	98
86) p-Isopropyltoluene	13.367	119	531284	53.037	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	261967	51.387	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	261990	51.695	ug/l	99
89) n-Butylbenzene	13.696	91	473259	52.188	ug/l	99
90) Hexachloroethane	13.958	117	97920	51.231	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	237852	53.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18049	57.457	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	155052	59.306	ug/l	99
94) Hexachlorobutadiene	15.111	225	94732	56.076	ug/l	98
95) Naphthalene	15.233	128	307845	56.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	136621	61.808	ug/l	98

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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

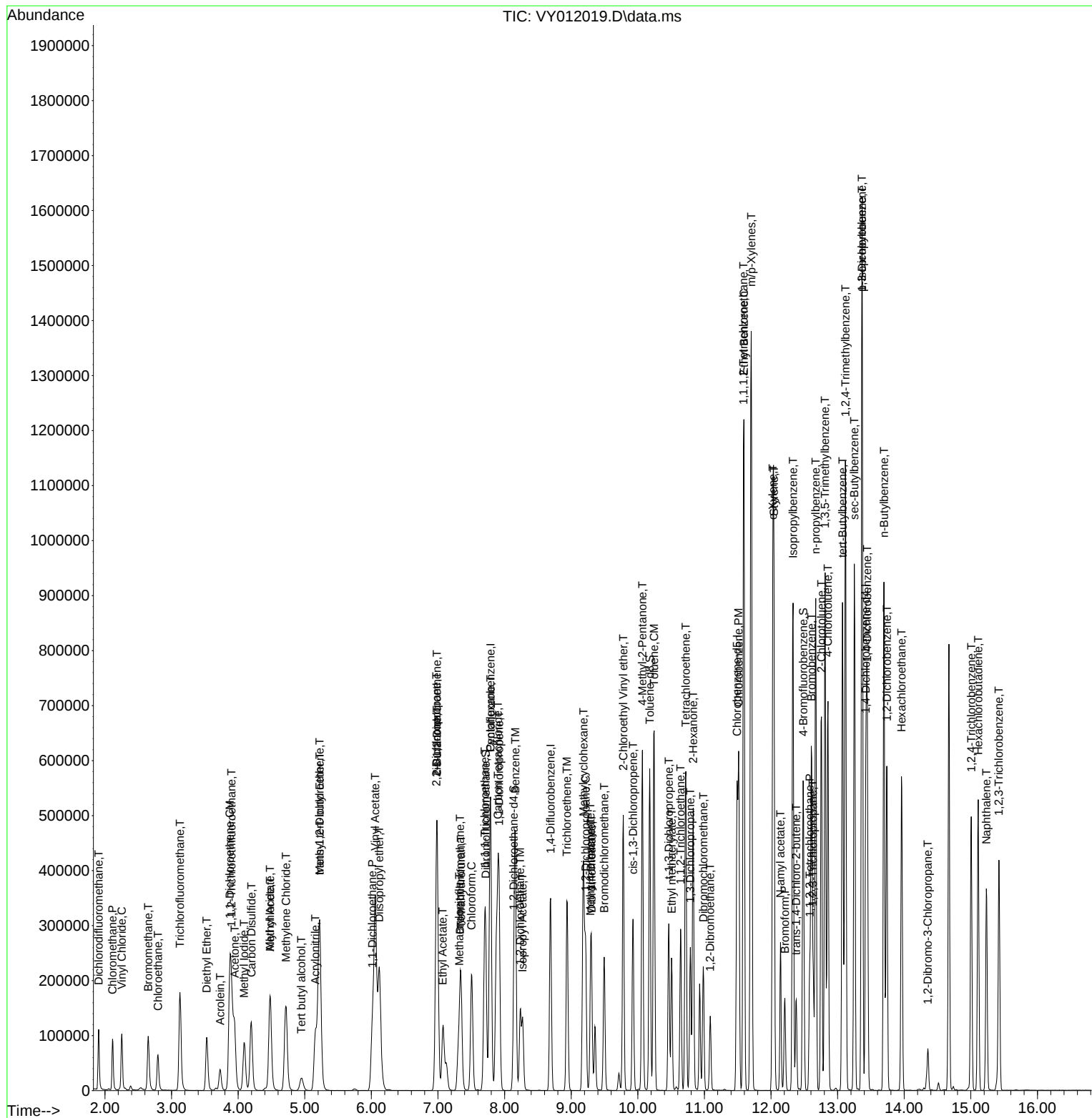
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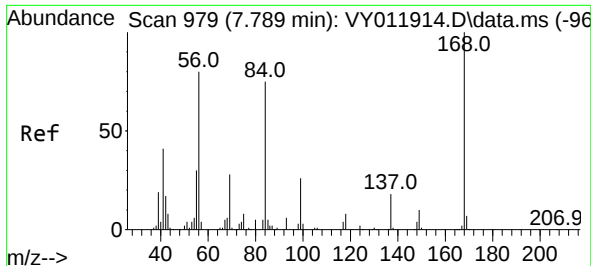
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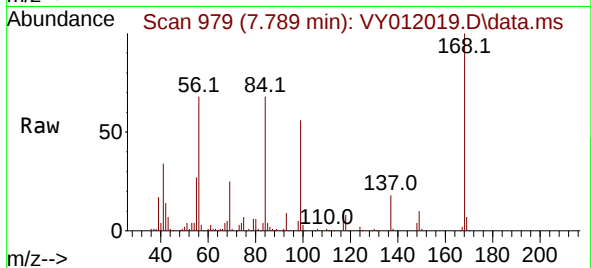
Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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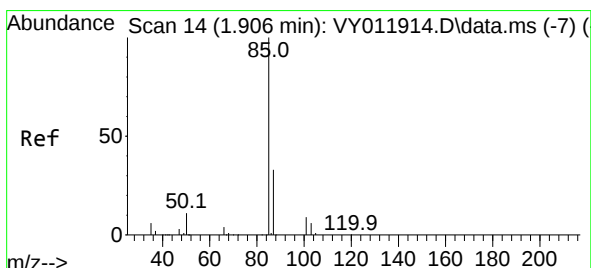
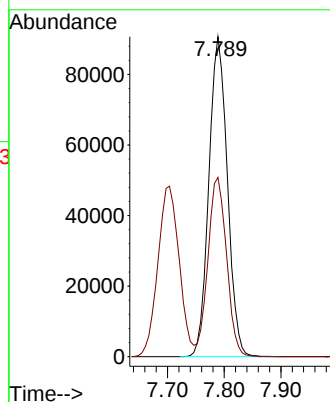
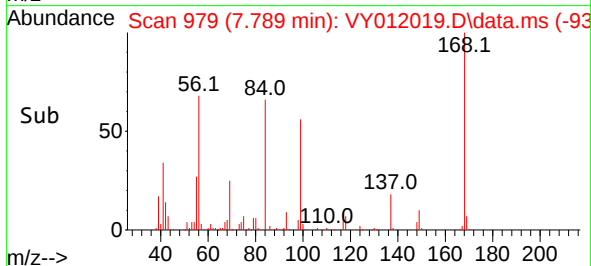
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 20553
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0

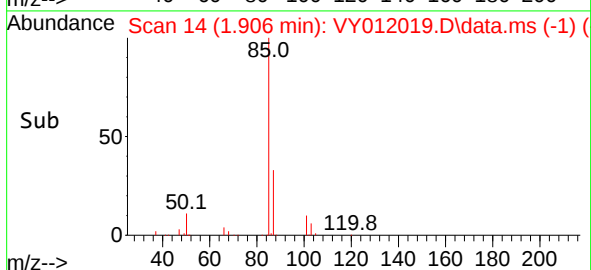
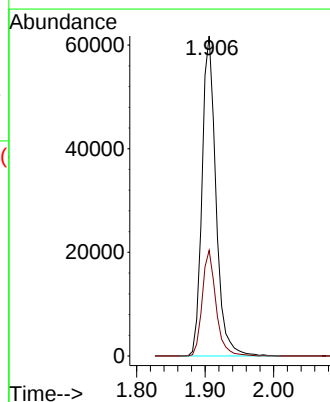
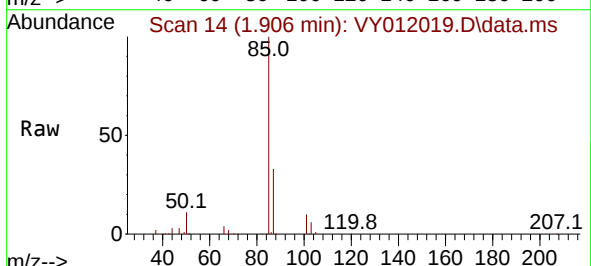
Manual Integrations
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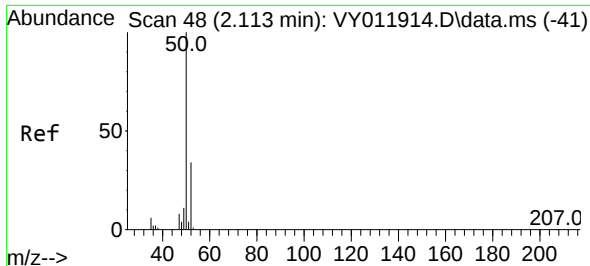
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#2
Dichlorodifluoromethane
Concen: 53.137 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

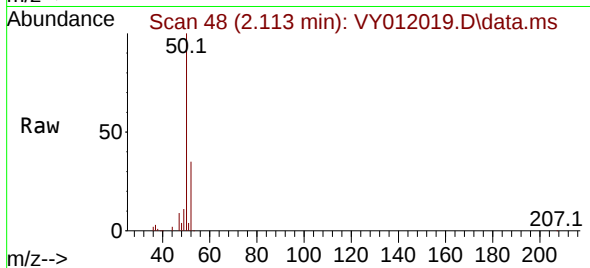
Tgt Ion: 85 Resp: 87374
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.4





#3
Chloromethane
Concen: 45.145 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

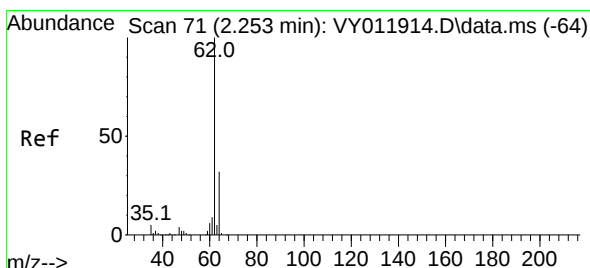
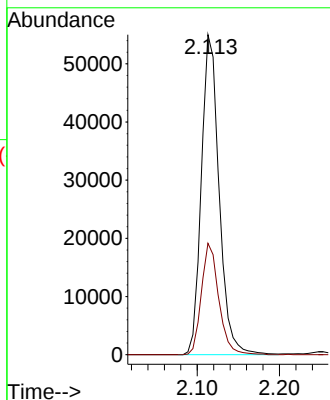
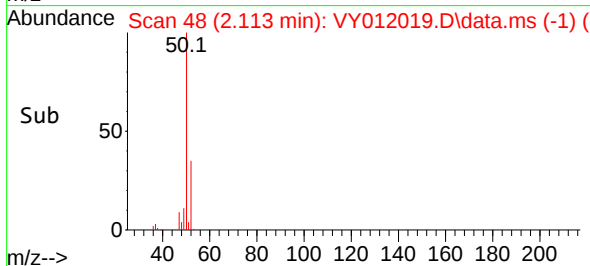
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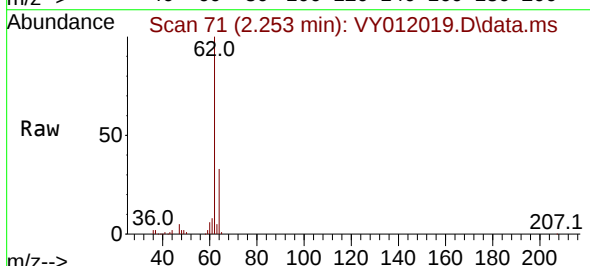
Tgt Ion: 50 Resp: 8258
Ion Ratio Lower Upper
50 100
52 34.8 26.8 40.2

Manual Integrations
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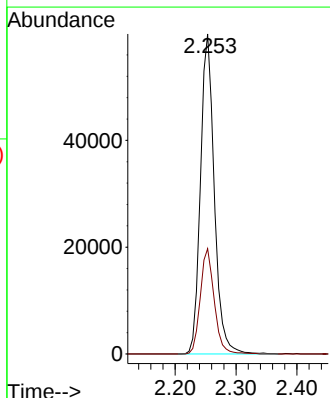
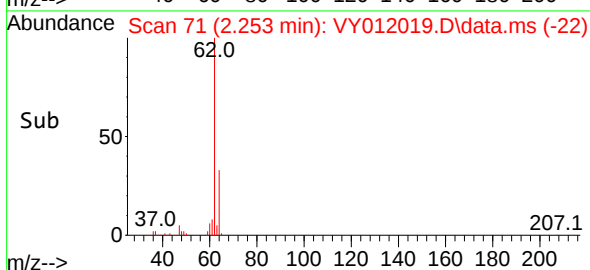
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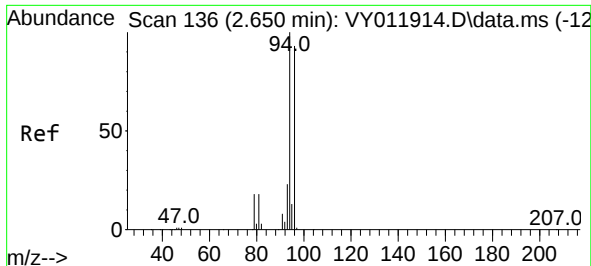


#4
Vinyl Chloride
Concen: 46.862 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



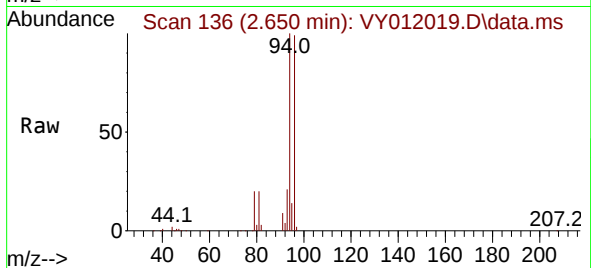
Tgt Ion: 62 Resp: 94536
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6





#5
Bromomethane
Concen: 46.875 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

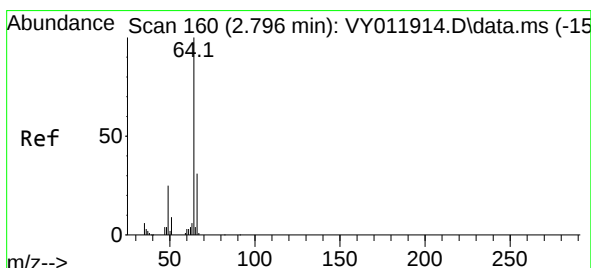
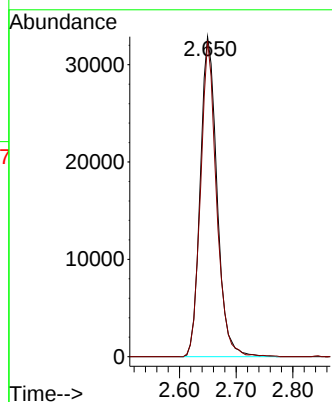
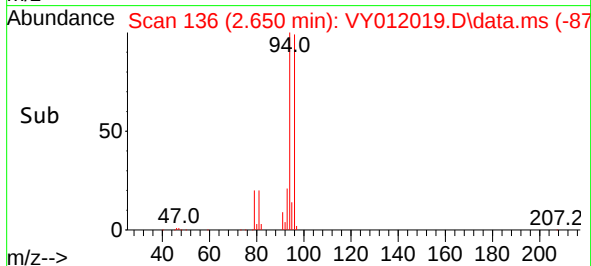
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Tgt Ion: 94 Resp: 67275
Ion Ratio Lower Upper
94 100
96 98.7 77.4 116.2

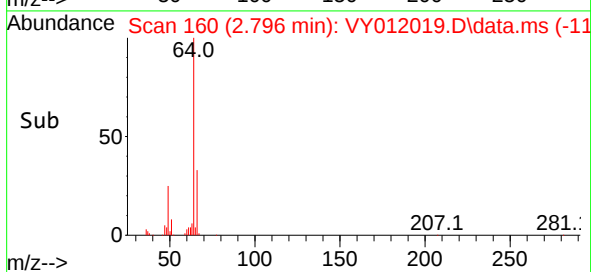
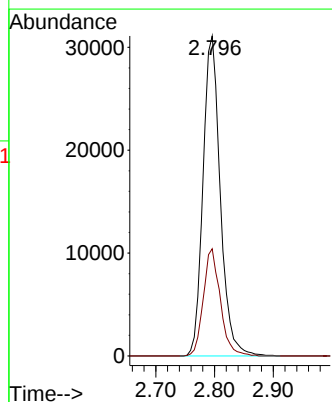
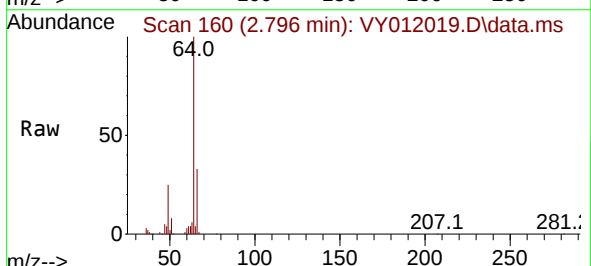
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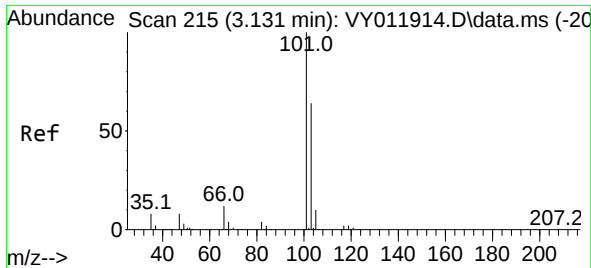
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#6
Chloroethane
Concen: 48.111 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

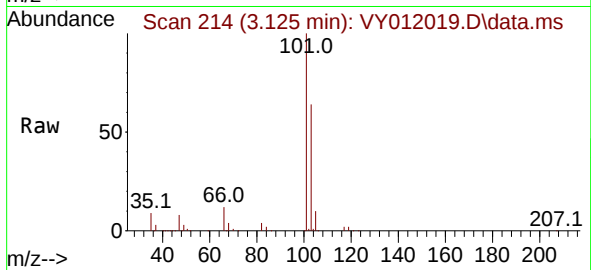
Tgt Ion: 64 Resp: 63440
Ion Ratio Lower Upper
64 100
66 33.5 25.0 37.4





#7
Trichlorofluoromethane
Concen: 52.794 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

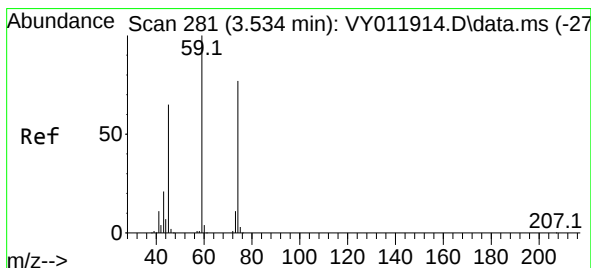
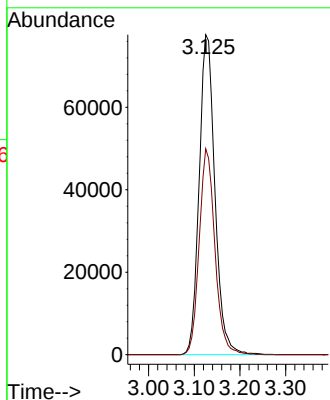
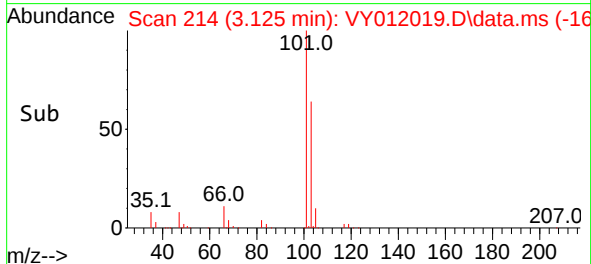
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Tgt Ion:101 Resp: 186430
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6

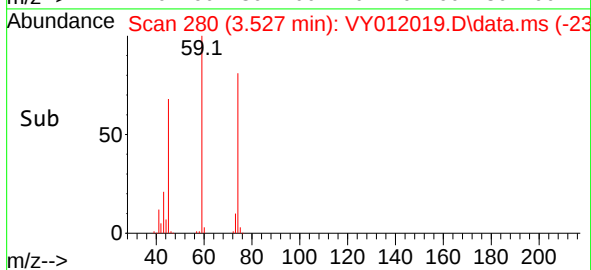
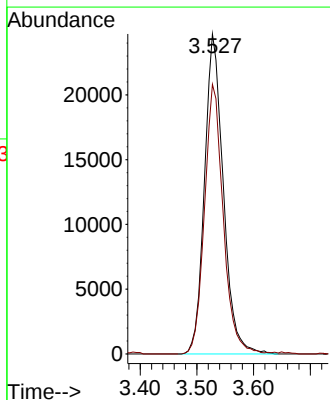
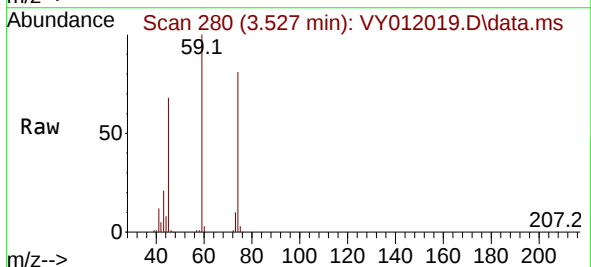
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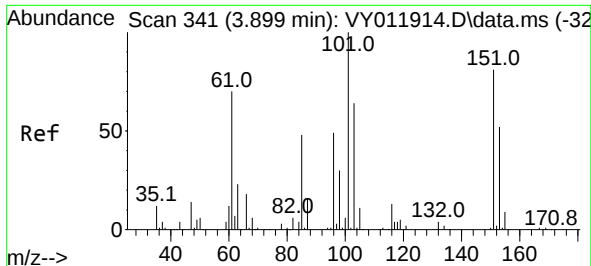
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#8
Diethyl Ether
Concen: 52.242 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 74 Resp: 56924
Ion Ratio Lower Upper
74 100
45 84.0 46.8 140.3





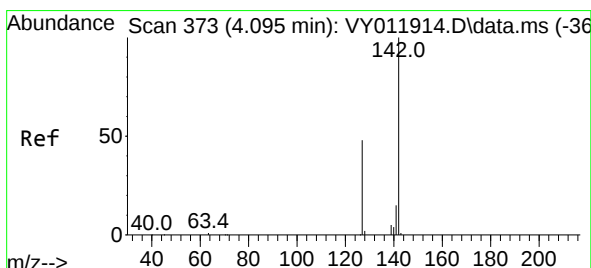
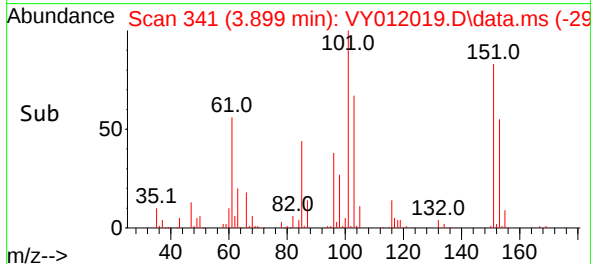
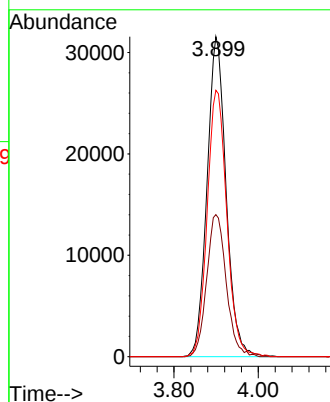
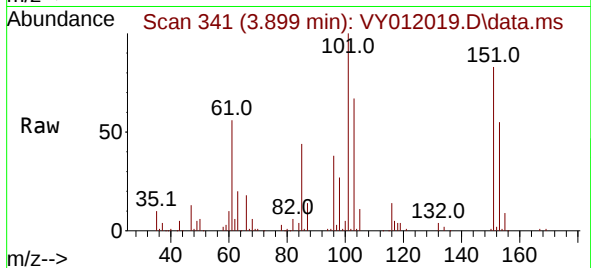
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.973 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 99092
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.2
151 85.7 64.2 96.2

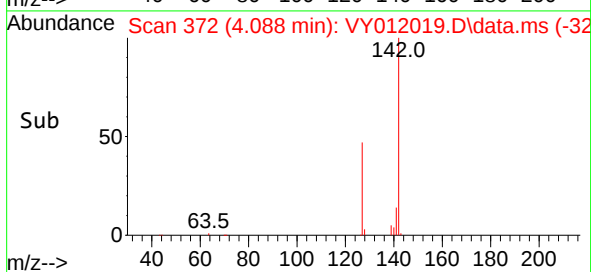
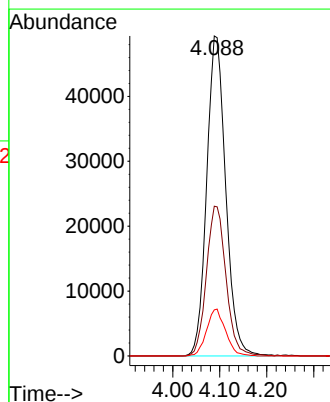
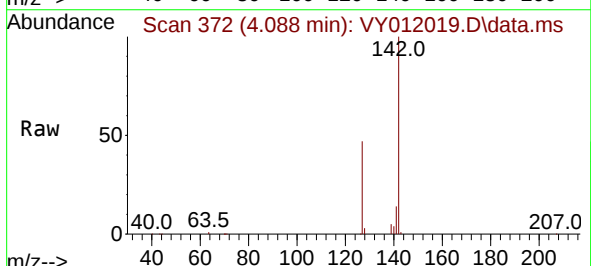
Manual Integrations
APPROVED

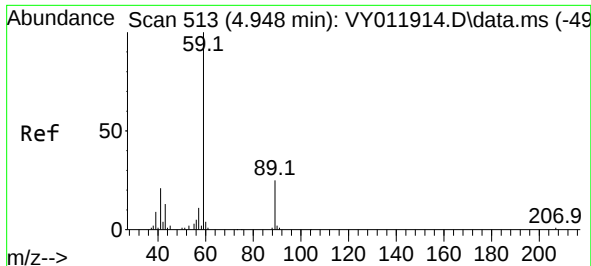
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#10
Methyl Iodide
Concen: 51.569 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion:142 Resp: 138703
Ion Ratio Lower Upper
142 100
127 48.2 37.0 55.4
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 230.540 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4734

Ion Ratio Lower Upper

59 100

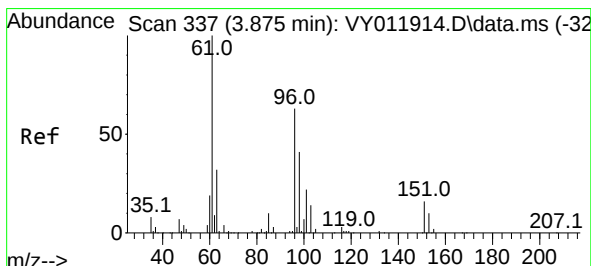
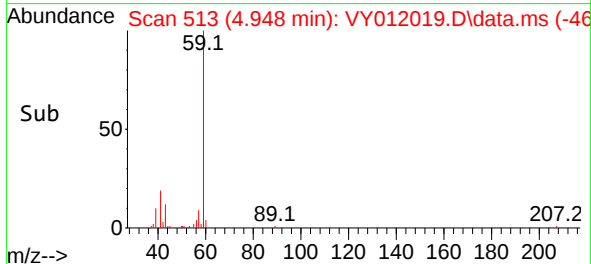
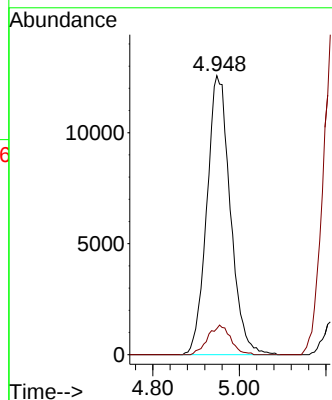
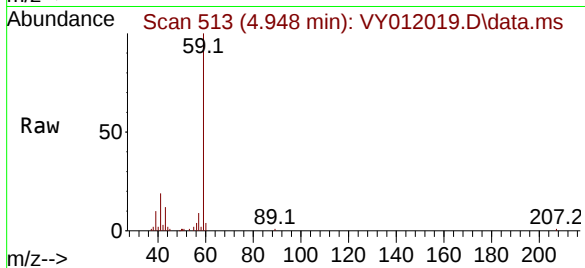
57 10.2 7.4 11.2

Manual Integrations

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Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#12

1,1-Dichloroethene

Concen: 50.249 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

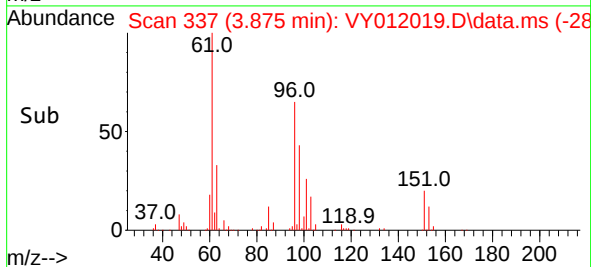
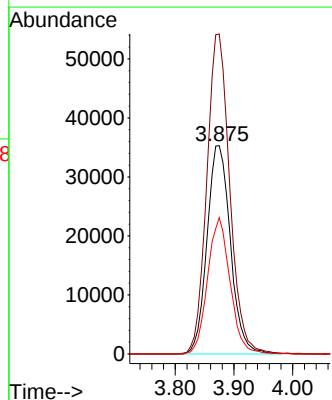
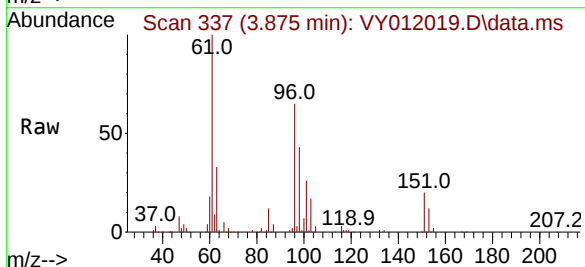
Tgt Ion: 96 Resp: 97712

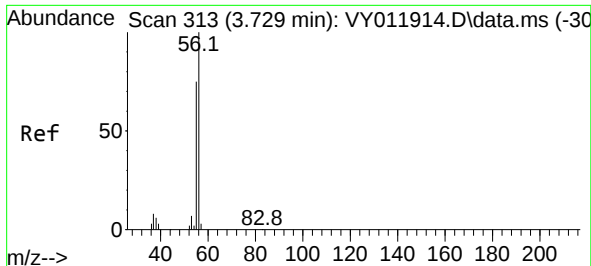
Ion Ratio Lower Upper

96 100

61 153.6 122.0 183.0

98 65.4 48.6 73.0





#13

Acrolein

Concen: 239.116 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 4628

Ion Ratio Lower Upper

56 100

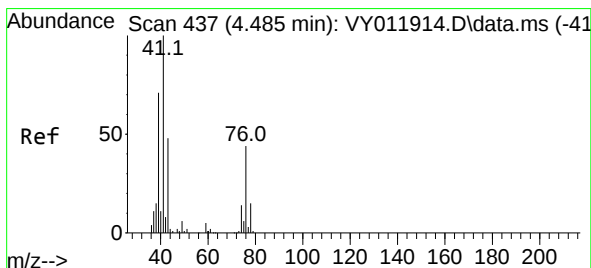
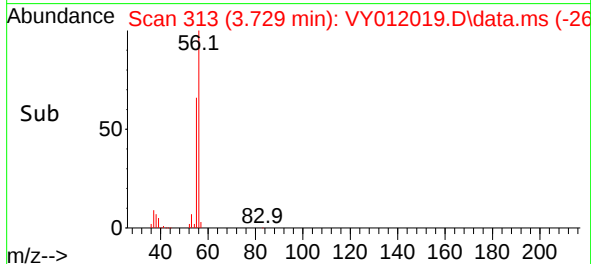
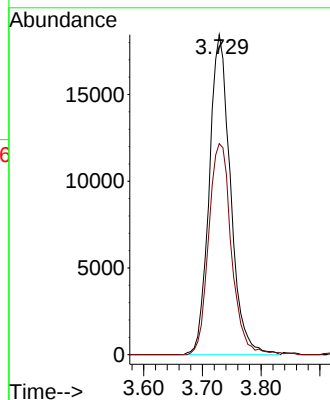
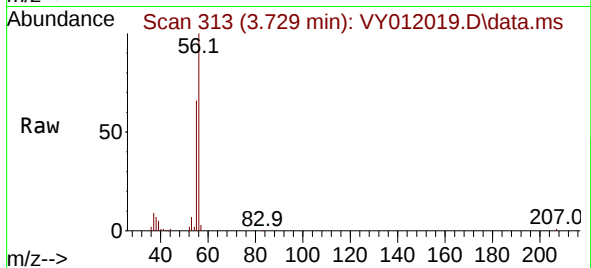
55 70.7 56.6 85.0

Manual Integrations

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Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#14

Allyl chloride

Concen: 47.820 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

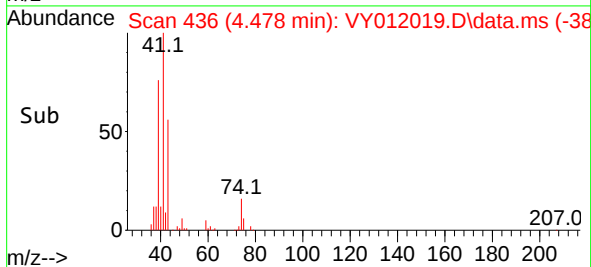
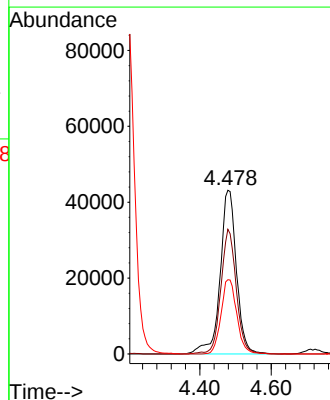
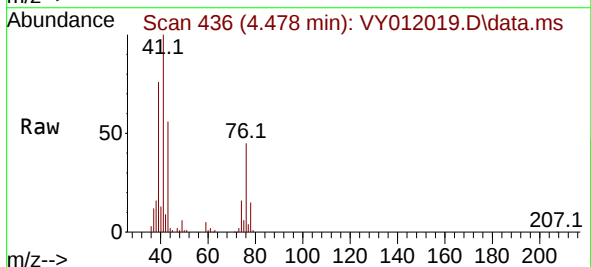
Tgt Ion: 41 Resp: 136939

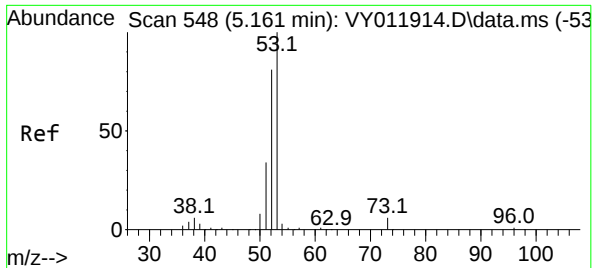
Ion Ratio Lower Upper

41 100

39 71.7 53.5 80.3

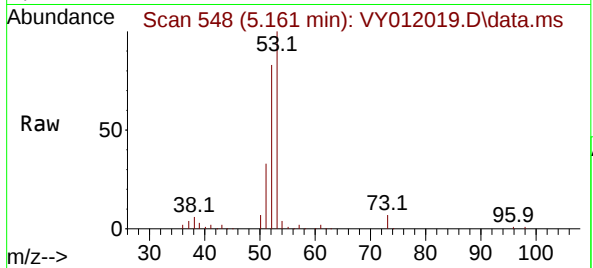
76 43.7 31.1 46.7





#15
Acrylonitrile
Concen: 276.150 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

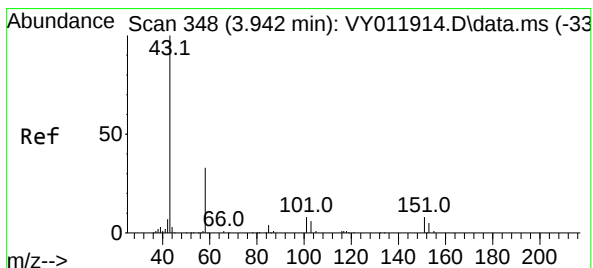
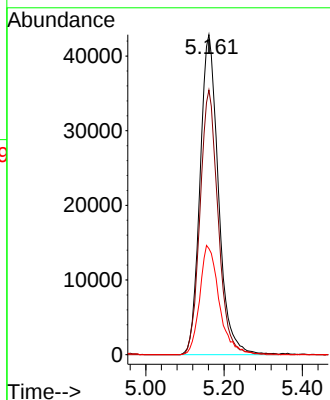
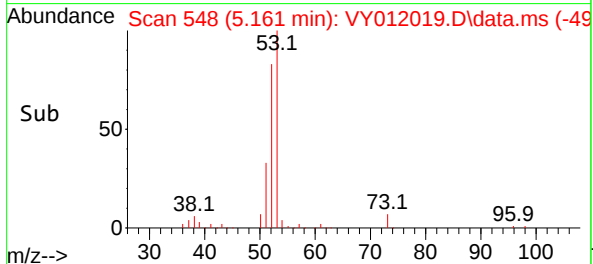
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



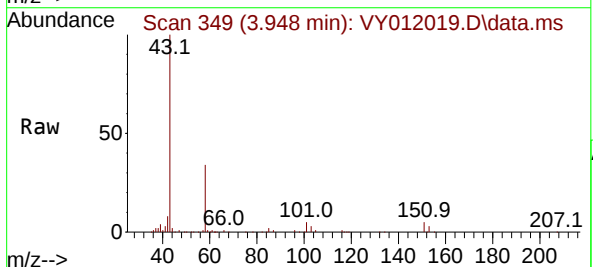
Tgt Ion: 53 Resp: 139970
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 36.2 28.7 43.1

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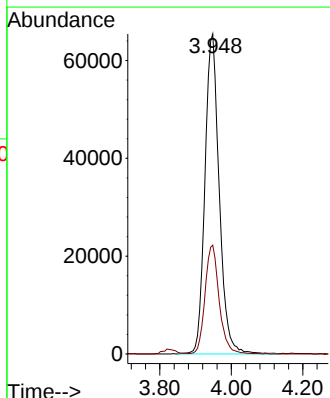
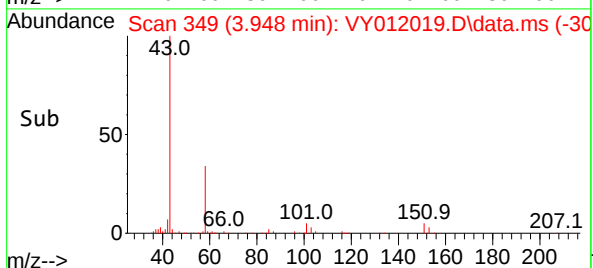
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

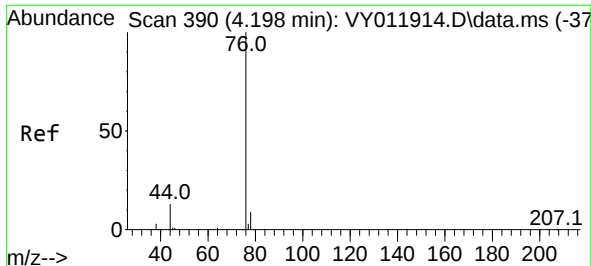


#16
Acetone
Concen: 292.833 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



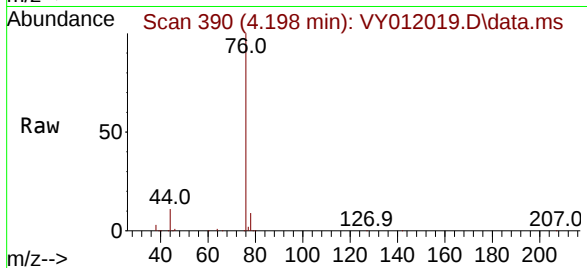
Tgt Ion: 43 Resp: 181562
Ion Ratio Lower Upper
43 100
58 34.0 27.9 41.9





#17
Carbon Disulfide
Concen: 42.890 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

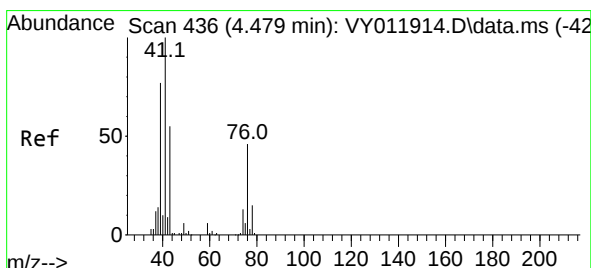
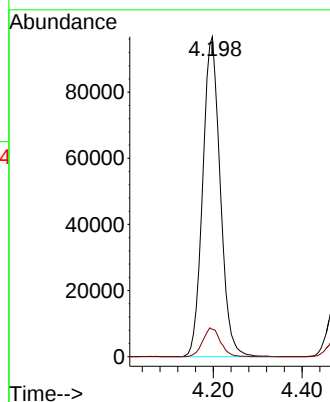
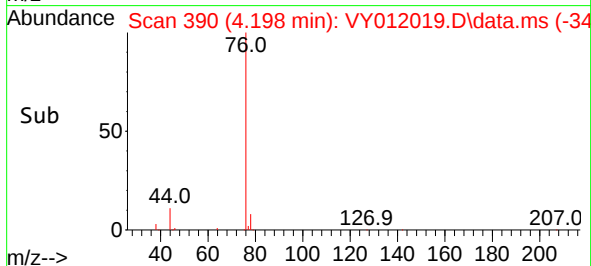
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26604
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

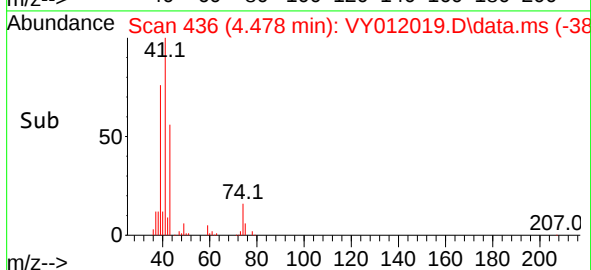
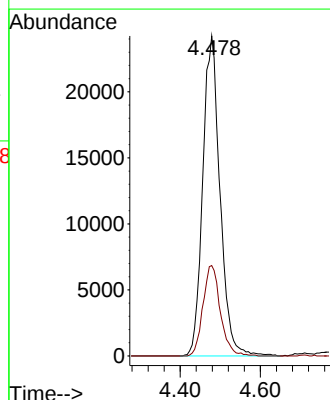
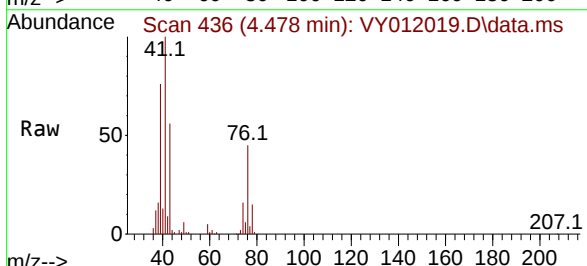
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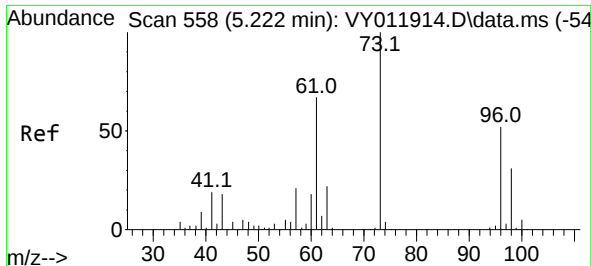
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#18
Methyl Acetate
Concen: 50.646 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 43 Resp: 72466
Ion Ratio Lower Upper
43 100
74 28.4 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 56.760 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 283200

Ion Ratio Lower Upper

73 100

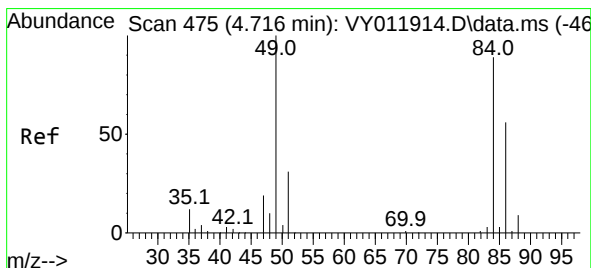
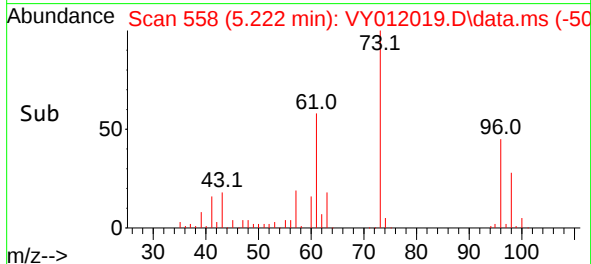
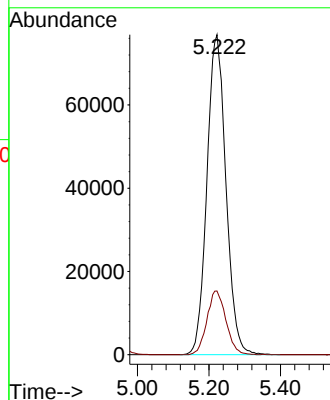
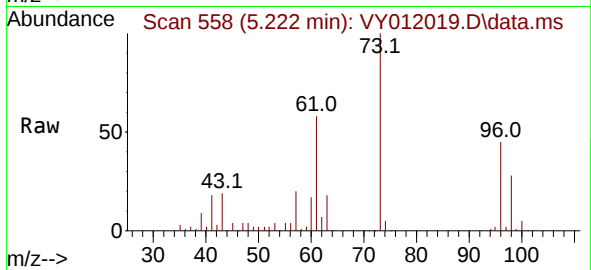
57 19.9 17.4 26.0

Manual Integrations

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Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#20

Methylene Chloride

Concen: 52.825 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion: 84 Resp: 125048

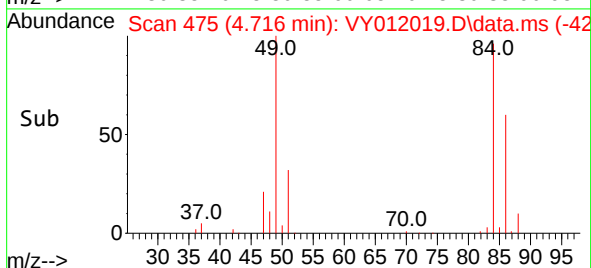
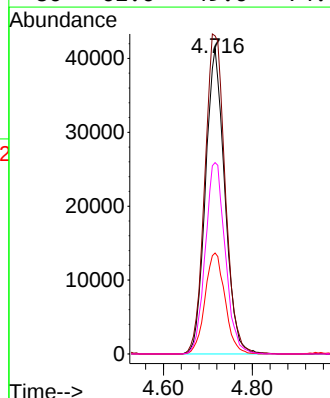
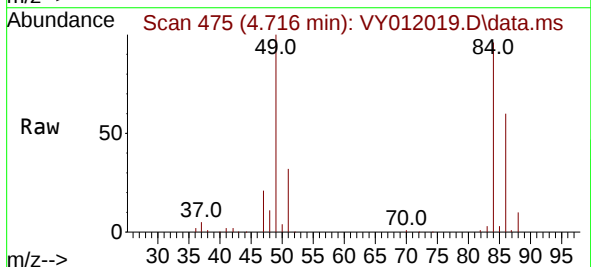
Ion Ratio Lower Upper

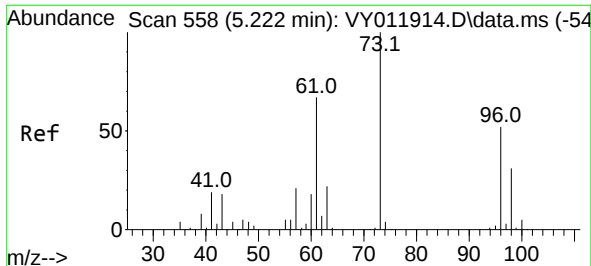
84 100

49 104.1 95.4 143.2

51 33.0 29.9 44.9

86 62.6 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 49.061 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10840

Ion Ratio Lower Upper

96 100

61 126.7 108.0 162.0

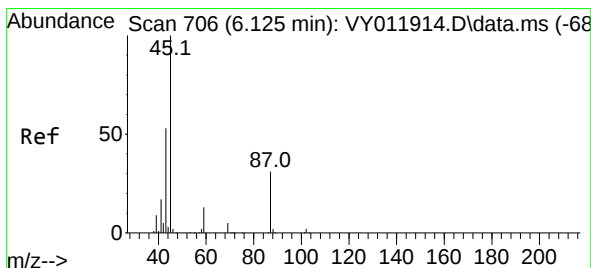
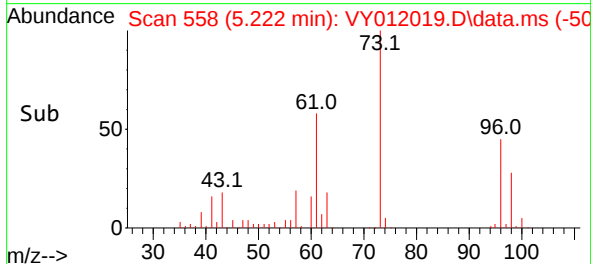
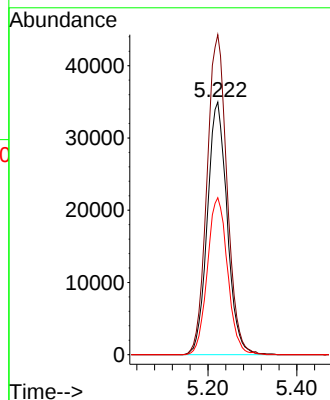
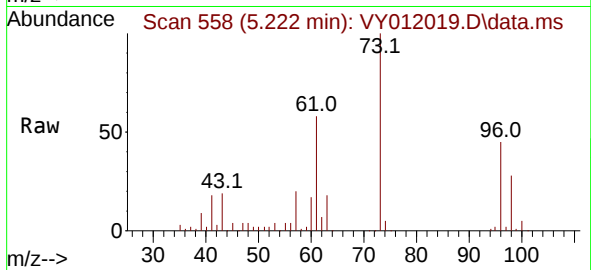
98 62.1 51.6 77.4

Manual Integrations

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Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#22

Diisopropyl ether

Concen: 50.854 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion: 45 Resp: 286814

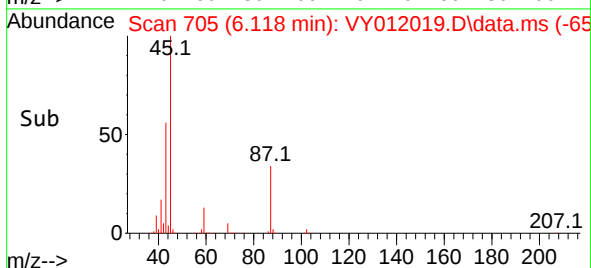
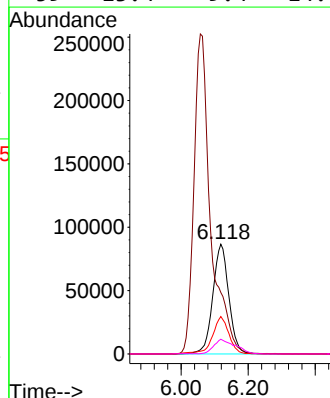
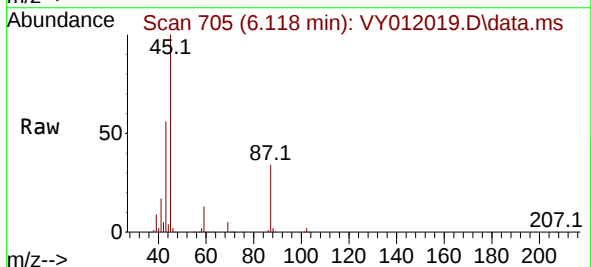
Ion Ratio Lower Upper

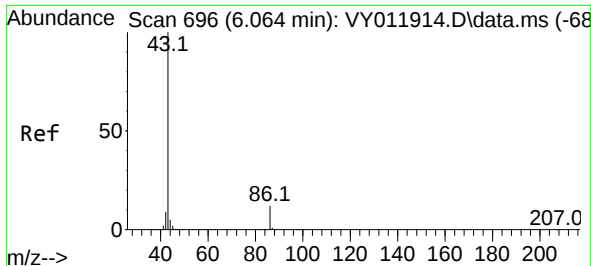
45 100

43 55.8 45.0 67.4

87 34.0 22.6 33.8#

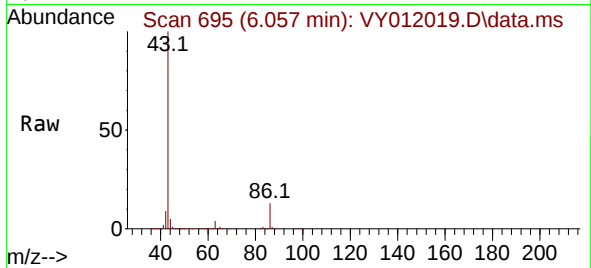
59 13.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 269.410 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012019.D
 Acq: 27 Dec 2022 17:37

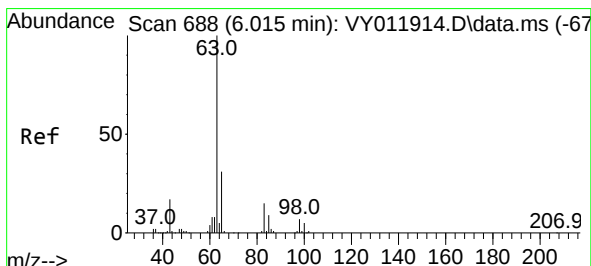
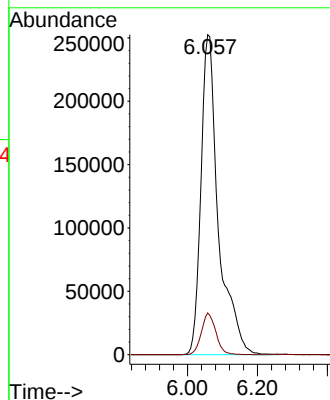
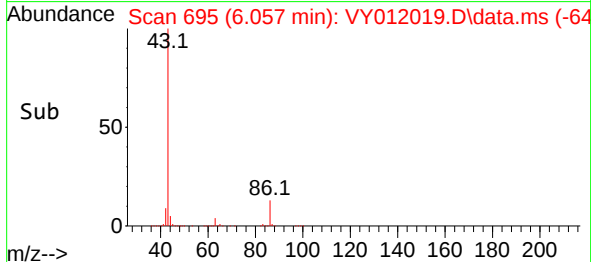
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



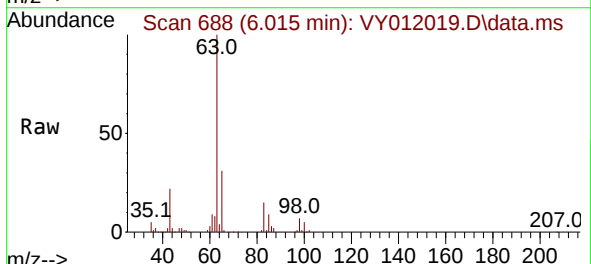
Tgt Ion: 43 Resp: 874199
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.0 13.4

Manual Integrations
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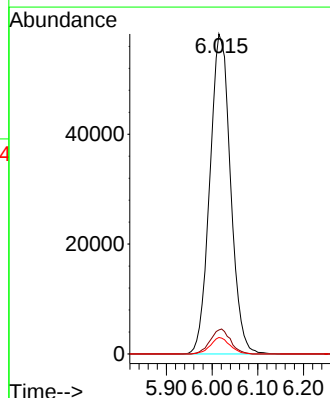
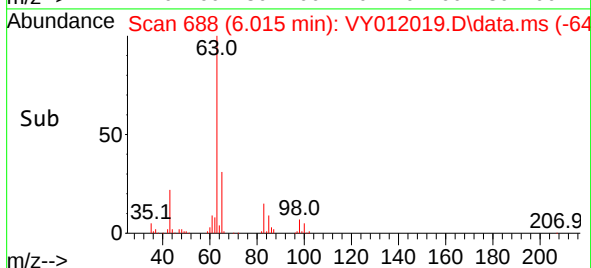
Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

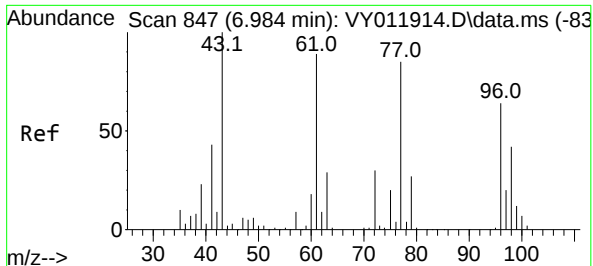


#24
 1,1-Dichloroethane
 Concen: 49.981 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012019.D
 Acq: 27 Dec 2022 17:37



Tgt Ion: 63 Resp: 183233
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 287.360 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 19821

Ion Ratio Lower Upper

43 100

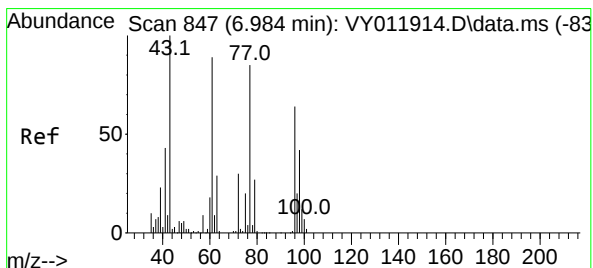
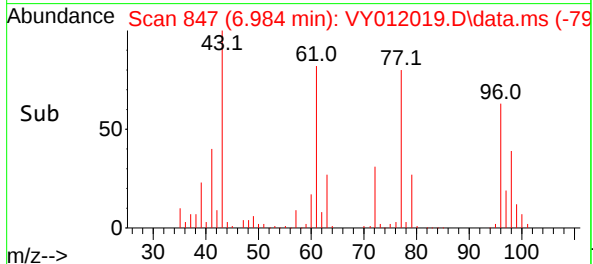
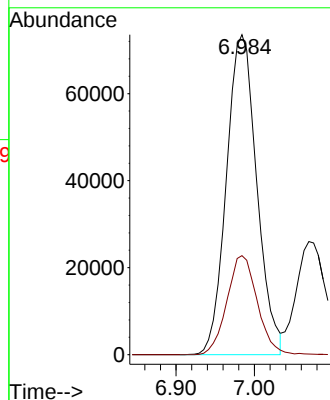
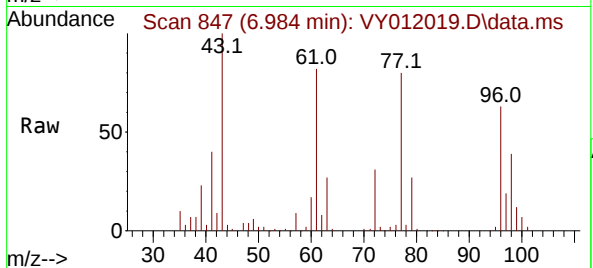
72 31.0 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#26

2,2-Dichloropropane

Concen: 51.057 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012019.D

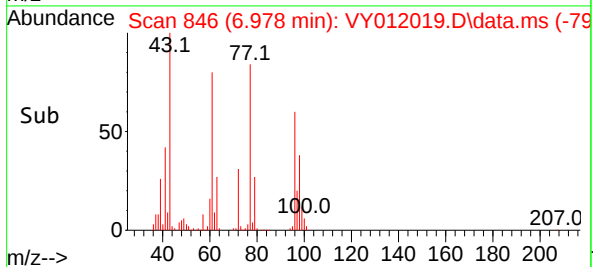
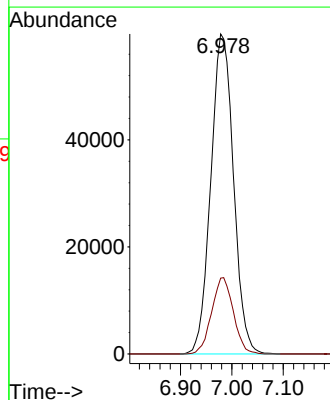
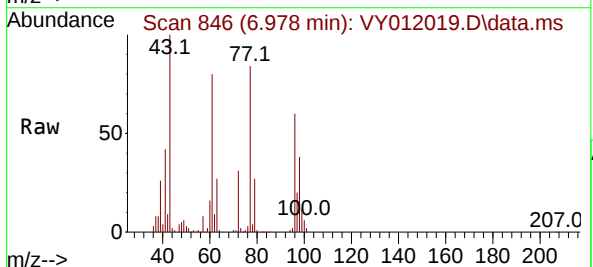
Acq: 27 Dec 2022 17:37

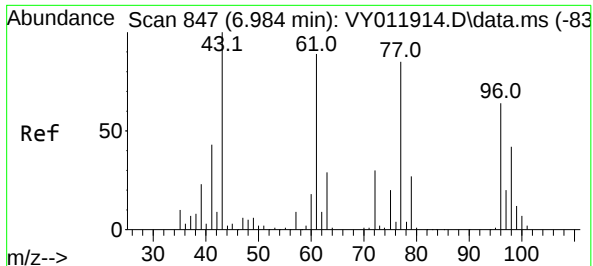
Tgt Ion: 77 Resp: 183158

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.608 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 123330

Ion Ratio Lower Upper

96 100

61 134.3 0.0 283.4

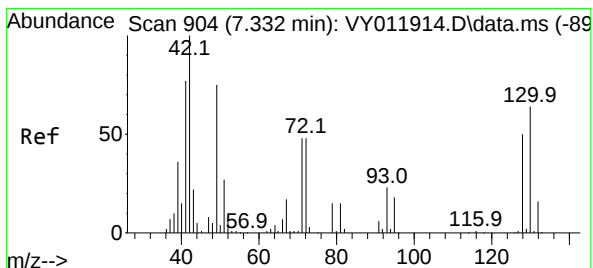
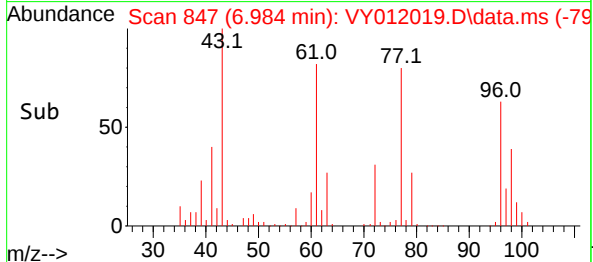
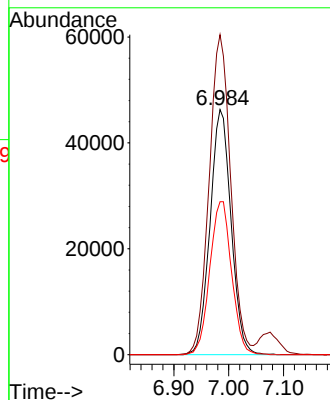
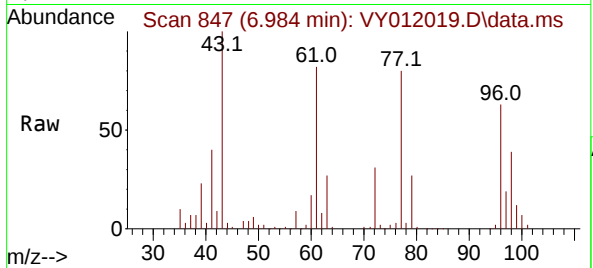
98 64.7 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#28

Bromochloromethane

Concen: 45.678 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

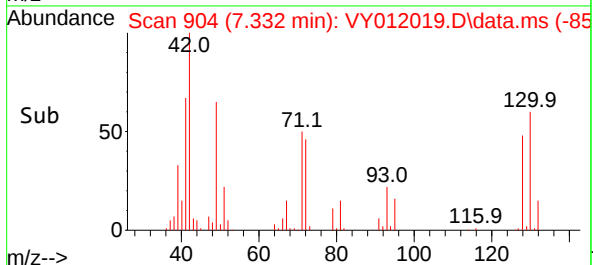
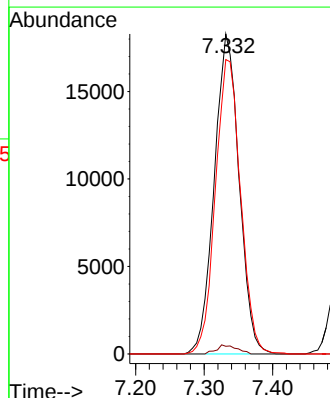
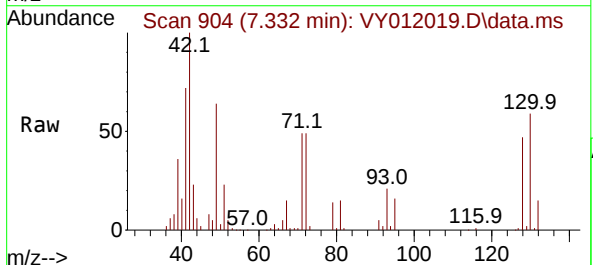
Tgt Ion: 49 Resp: 45953

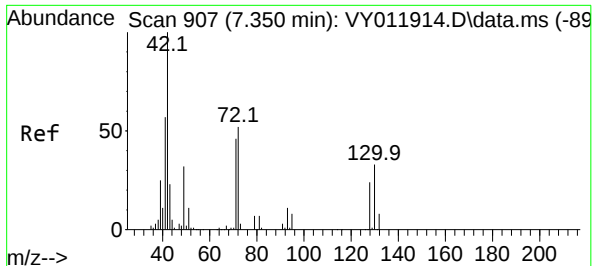
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 93.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 268.461 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012019.D

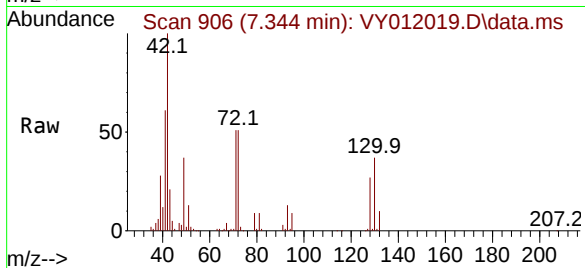
Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



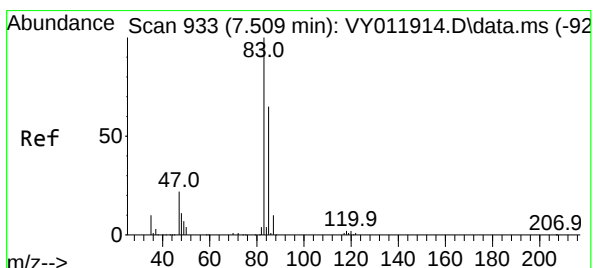
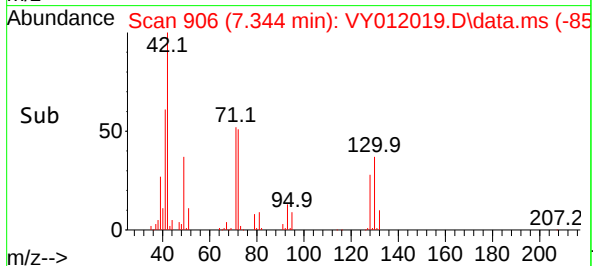
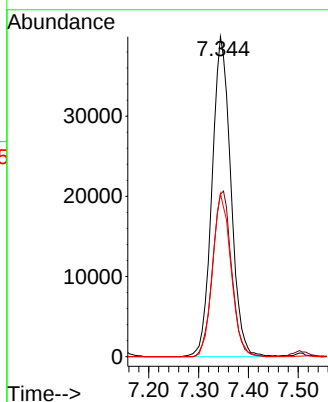
Tgt Ion:	42	Resp:	104910
Ion	Ratio	Lower	Upper
42	100		
72	51.9	37.0	55.6
71	49.7	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#30

Chloroform

Concen: 51.734 ug/l

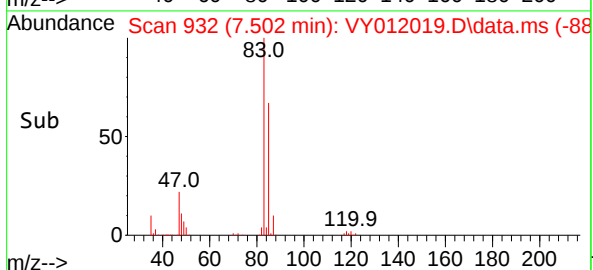
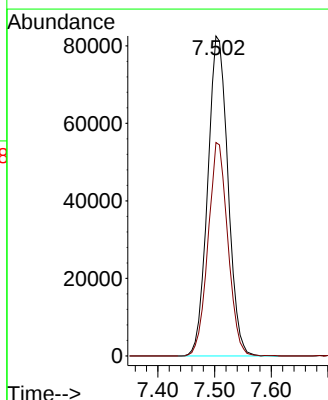
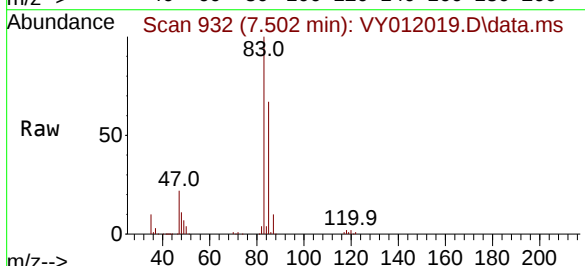
RT: 7.502 min Scan# 932

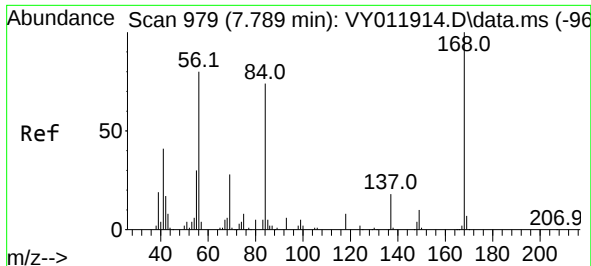
Delta R.T. -0.006 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

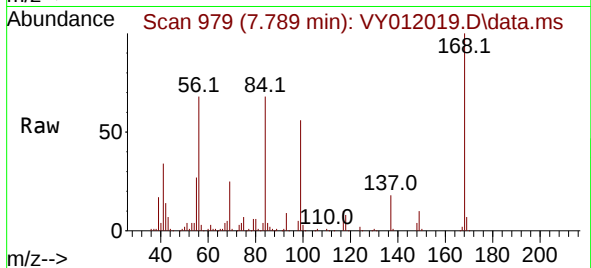
Tgt Ion:	83	Resp:	204425
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.5	77.3





#31
Cyclohexane
Concen: 45.245 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

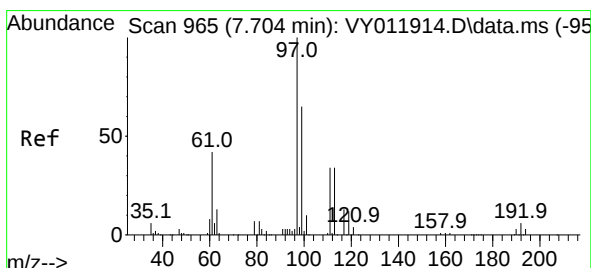
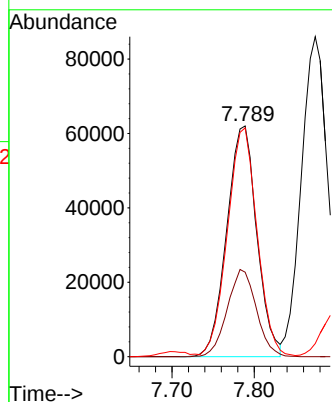
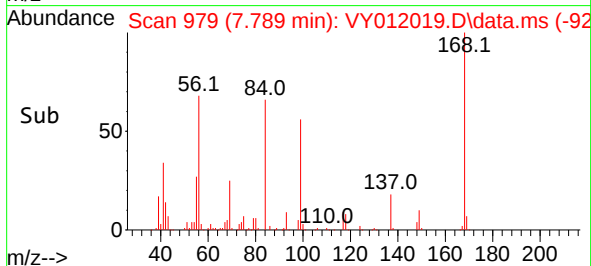
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



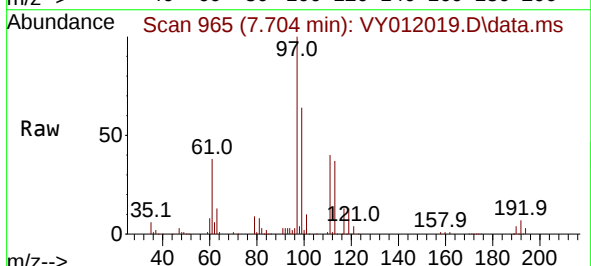
Tgt Ion: 56 Resp: 15772
Ion Ratio Lower Upper
56 100
69 36.6 29.2 43.8
84 97.3 72.6 108.8

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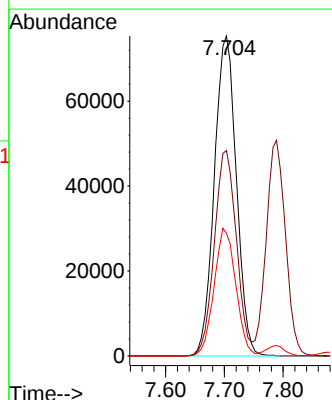
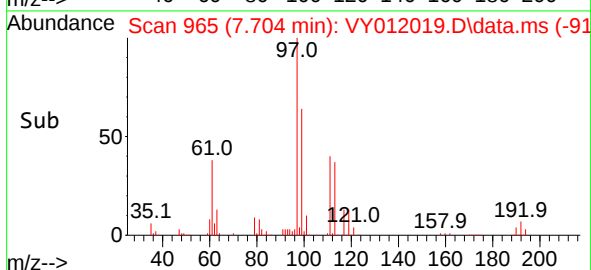
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

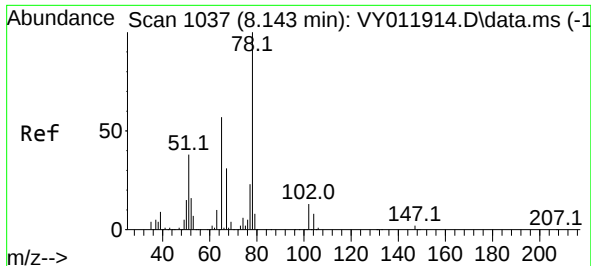


#32
1,1,1-Trichloroethane
Concen: 52.170 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion: 97 Resp: 196077
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 39.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 109500

Ion Ratio Lower Upper

65 100

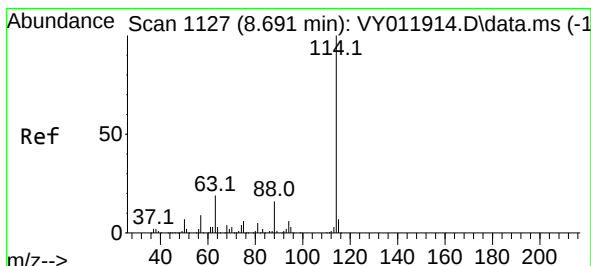
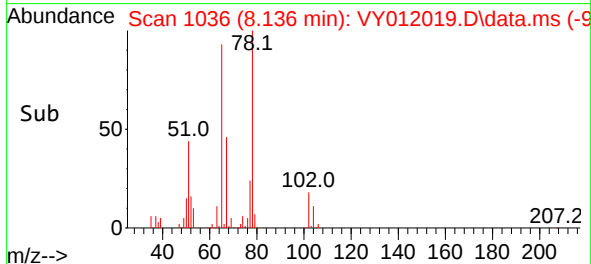
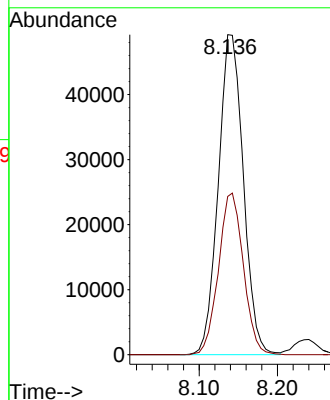
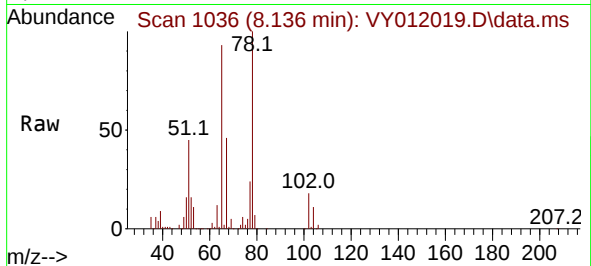
67 50.1 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

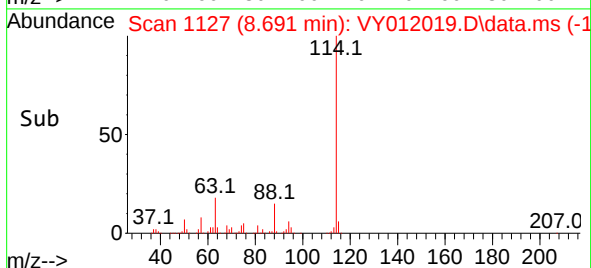
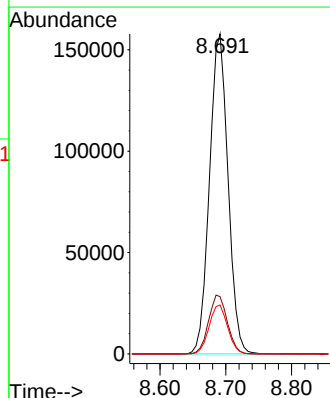
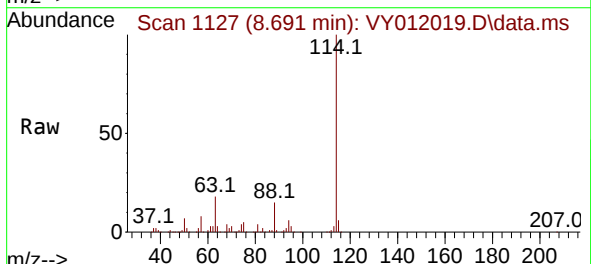
Tgt Ion:114 Resp: 309177

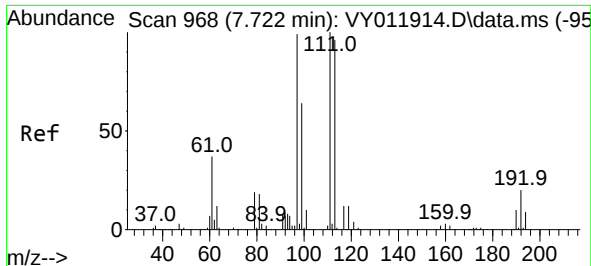
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

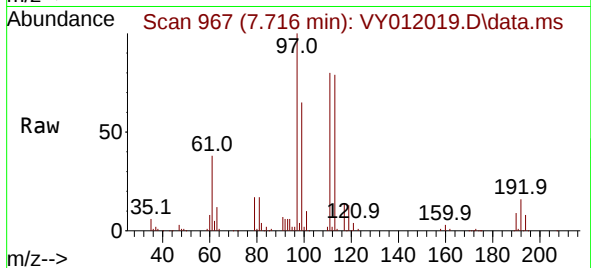
88 15.3 0.0 32.2





#35
Dibromofluoromethane
Concen: 52.431 ug/l
RT: 7.716 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

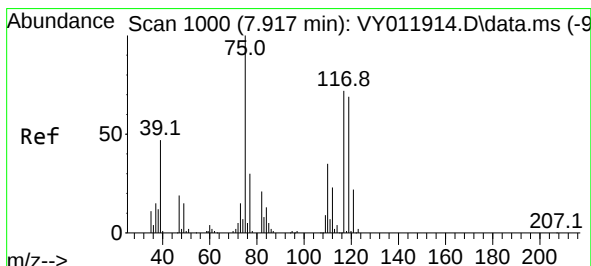
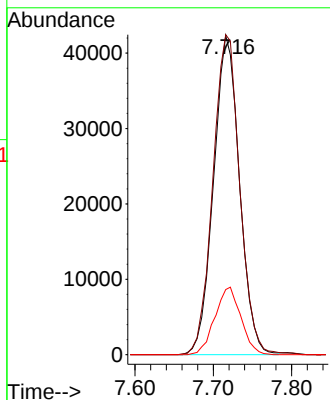
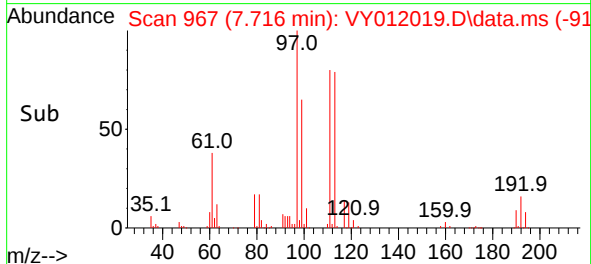
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 9759
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 21.2 16.0 24.0

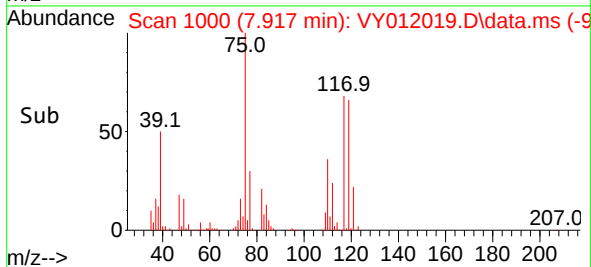
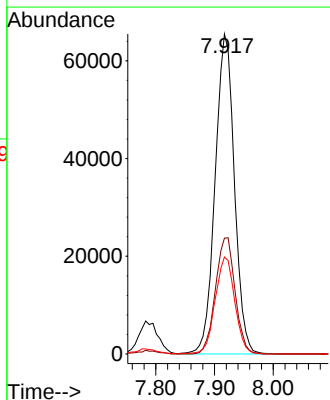
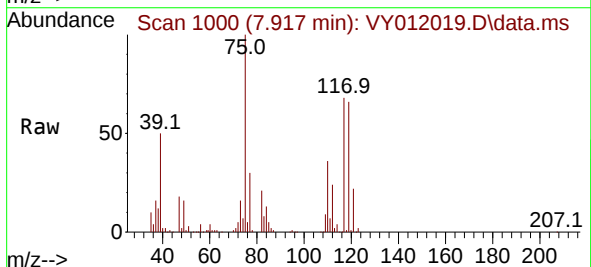
Manual Integrations
APPROVED

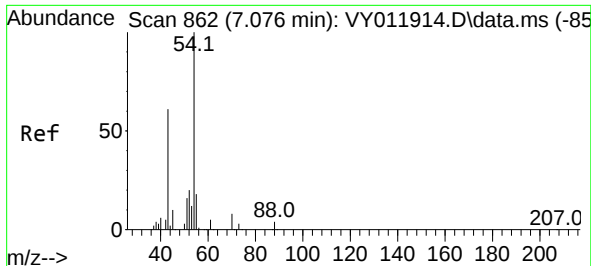
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#36
1,1-Dichloropropene
Concen: 50.009 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 75 Resp: 149307
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.1
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 53.354 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY012019.D

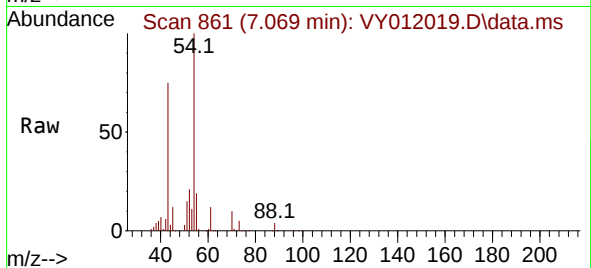
Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



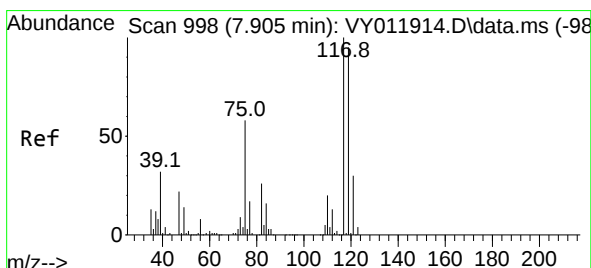
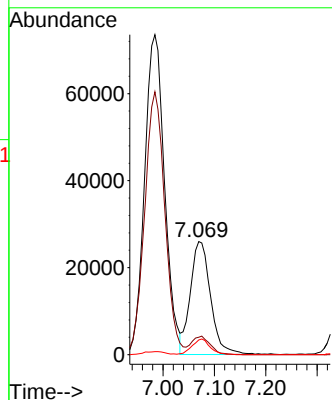
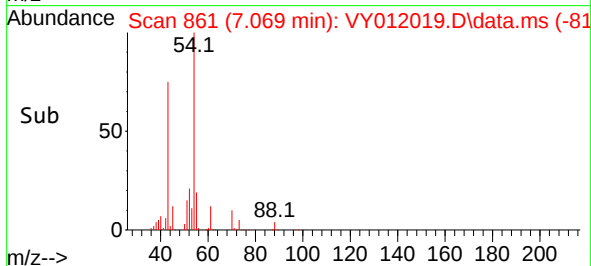
Tgt Ion:	43	Resp:	71469
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	12.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#38

Carbon Tetrachloride

Concen: 53.480 ug/l

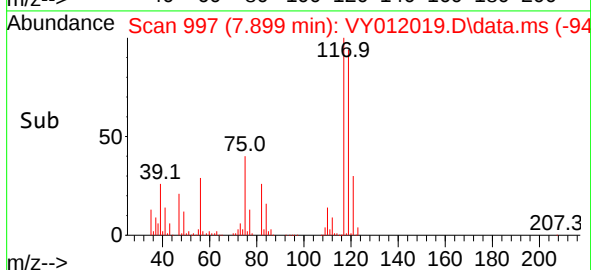
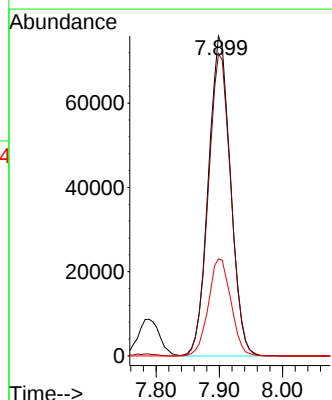
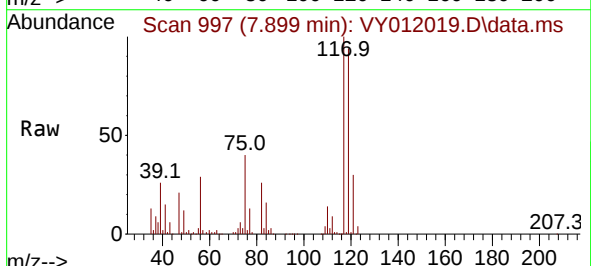
RT: 7.899 min Scan# 997

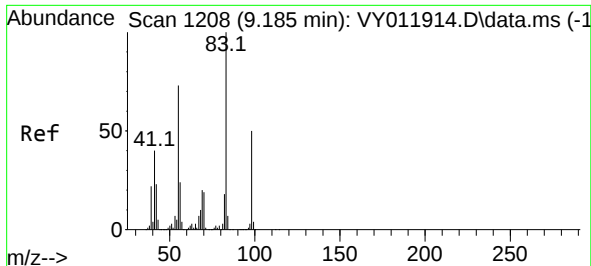
Delta R.T. -0.006 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion:	117	Resp:	184408
Ion	Ratio	Lower	Upper
117	100		
119	94.5	73.8	110.8
121	30.3	25.2	37.8





#39

Methylcyclohexane

Concen: 50.479 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012019.D

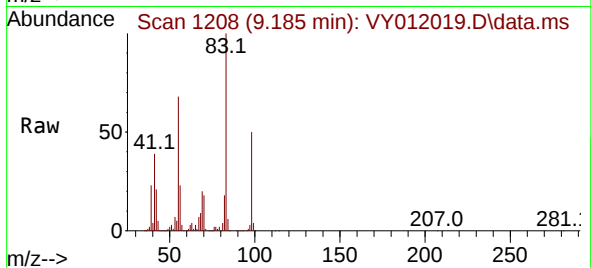
Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 181349

Ion Ratio Lower Upper

83 100

55 68.3 58.2 87.2

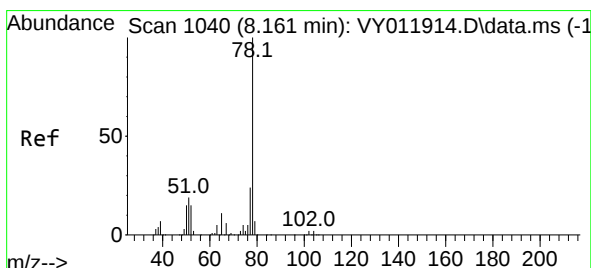
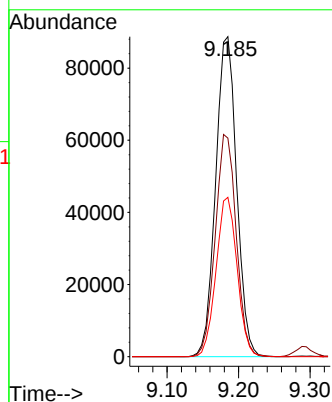
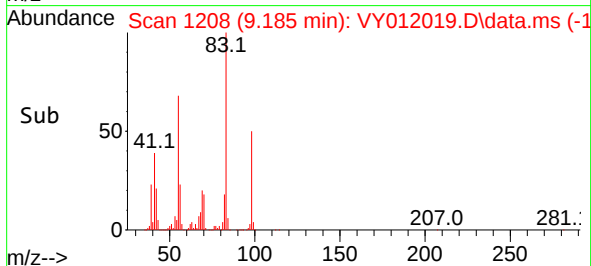
98 49.8 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#40

Benzene

Concen: 50.396 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012019.D

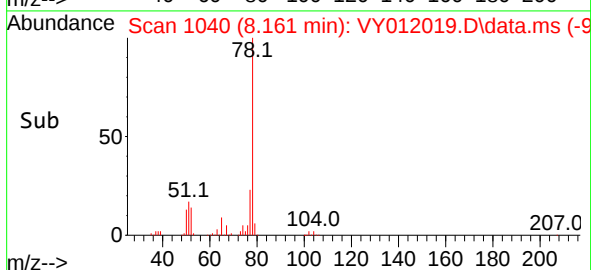
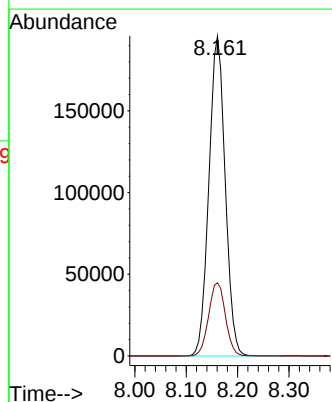
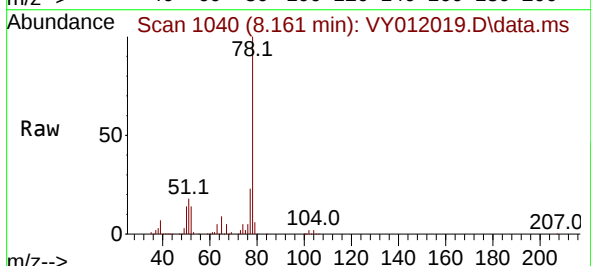
Acq: 27 Dec 2022 17:37

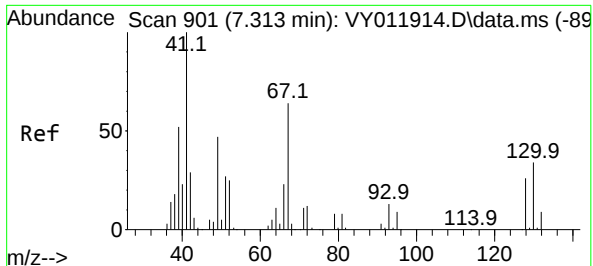
Tgt Ion: 78 Resp: 430597

Ion Ratio Lower Upper

78 100

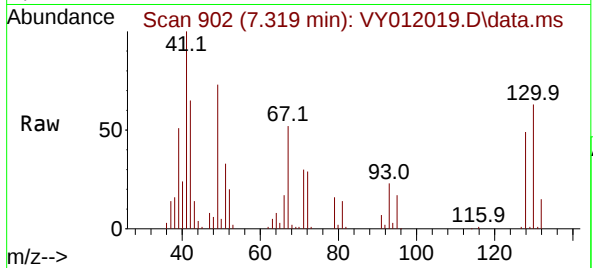
77 22.9 18.6 27.8





#41
Methacrylonitrile
Concen: 60.867 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

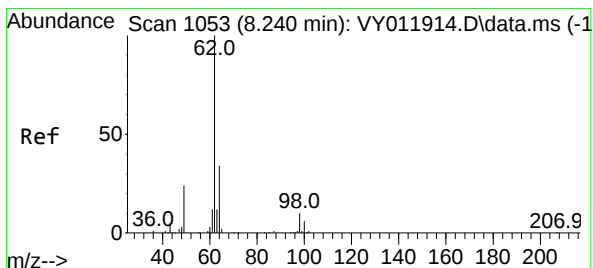
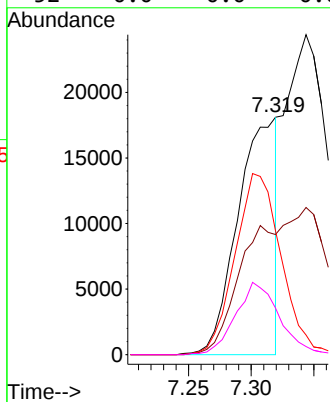
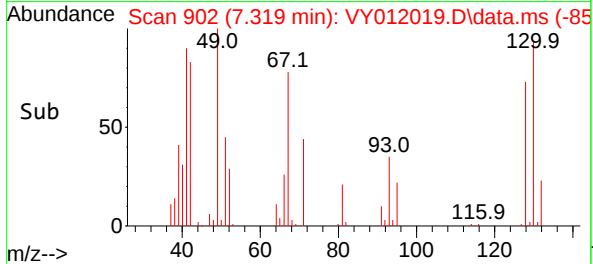
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



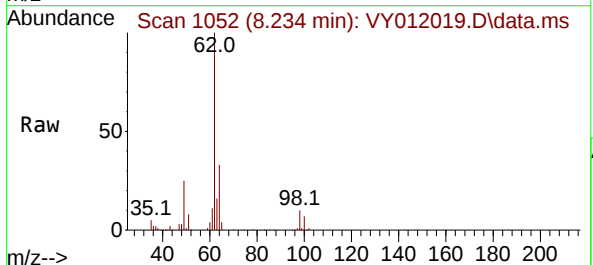
Tgt Ion: 41 Resp: 39420
Ion Ratio Lower Upper
41 100
39 127.6 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

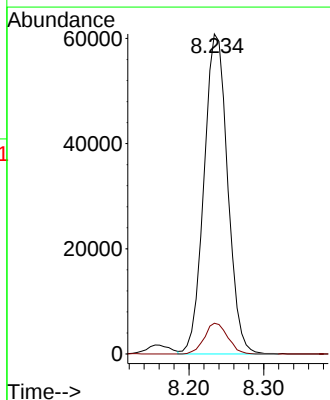
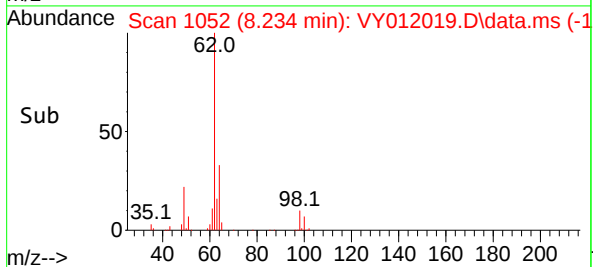
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

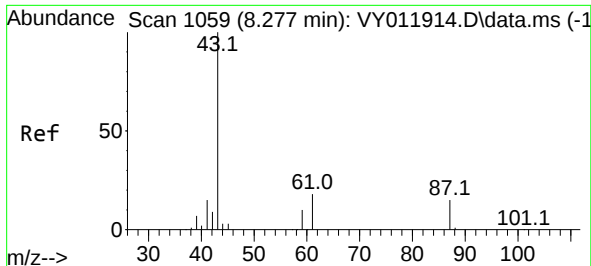


#42
1,2-Dichloroethane
Concen: 54.370 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



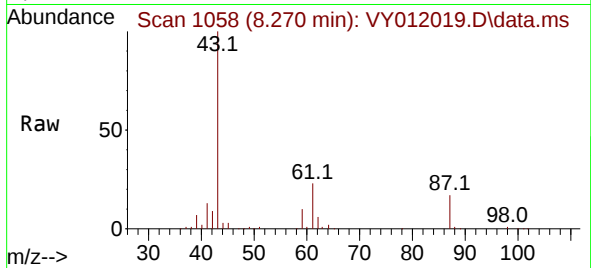
Tgt Ion: 62 Resp: 133733
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 55.142 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

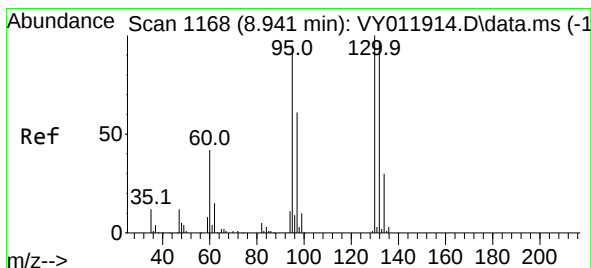
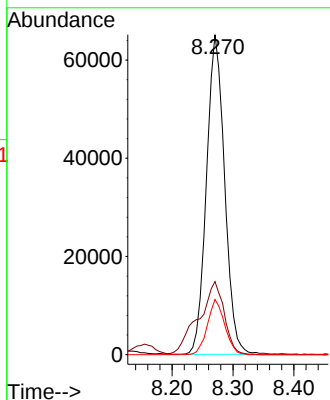
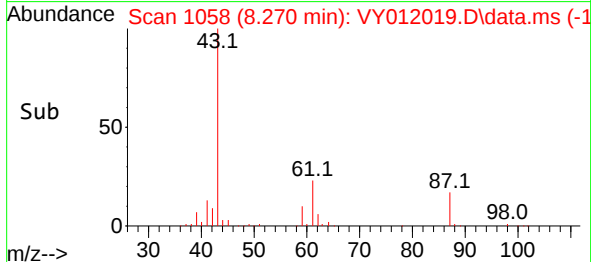
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 134900
Ion Ratio Lower Upper
43 100
61 32.4 24.4 36.6
87 16.5 11.4 17.2

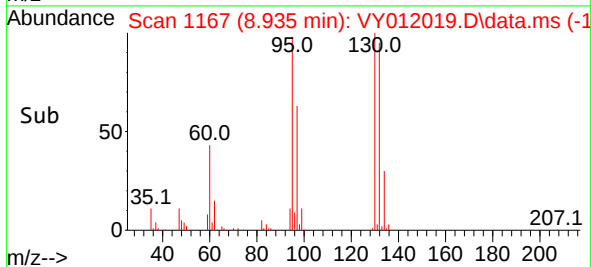
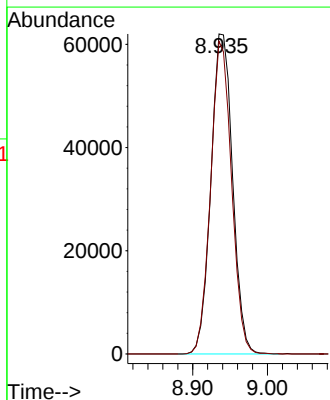
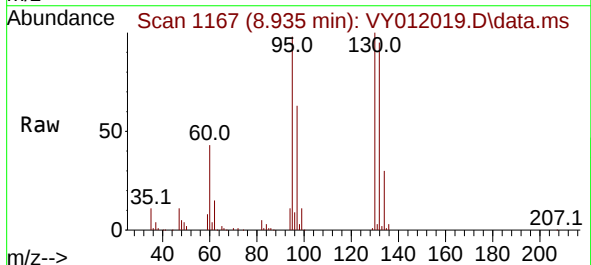
Manual Integrations
APPROVED

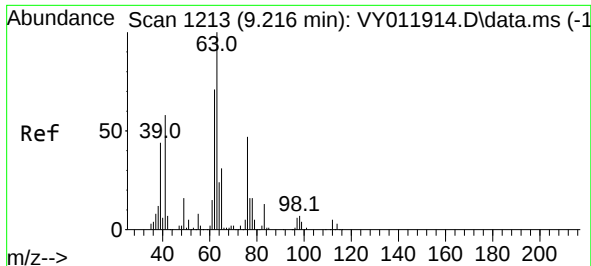
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#44
Trichloroethene
Concen: 51.840 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion:130 Resp: 124846
Ion Ratio Lower Upper
130 100
95 97.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.860 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9843

Ion Ratio Lower Upper

63 100

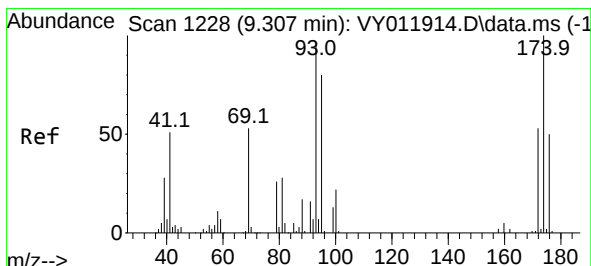
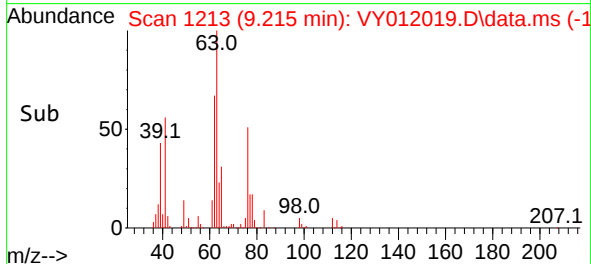
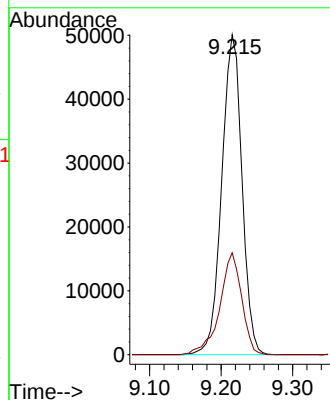
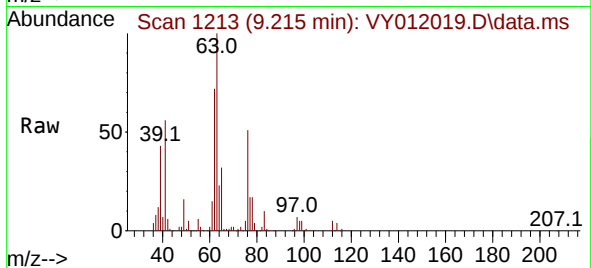
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#46

Dibromomethane

Concen: 53.673 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

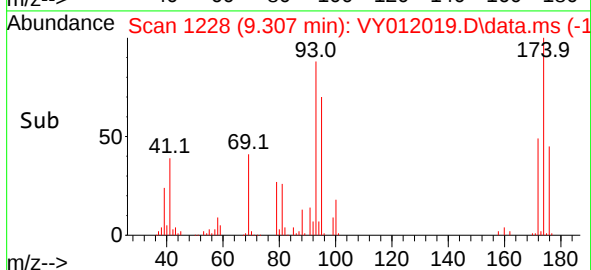
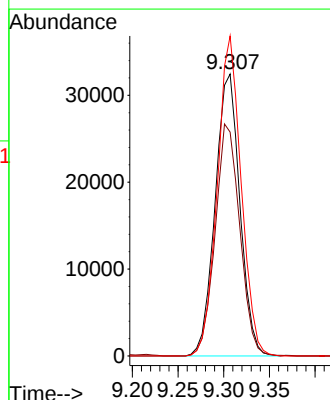
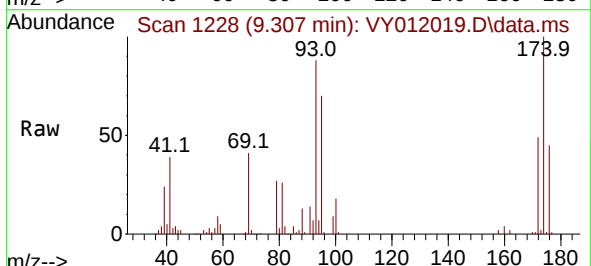
Tgt Ion: 93 Resp: 61034

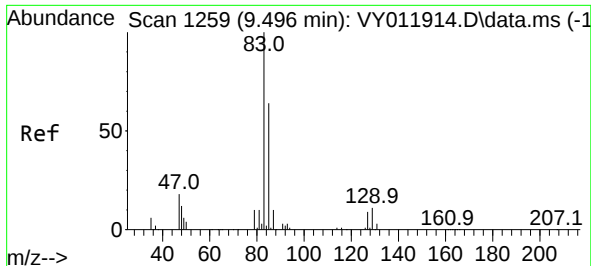
Ion Ratio Lower Upper

93 100

95 82.1 66.1 99.1

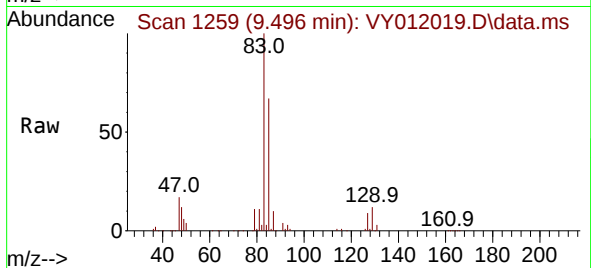
174 109.7 84.7 127.1





#47
Bromodichloromethane
Concen: 53.905 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

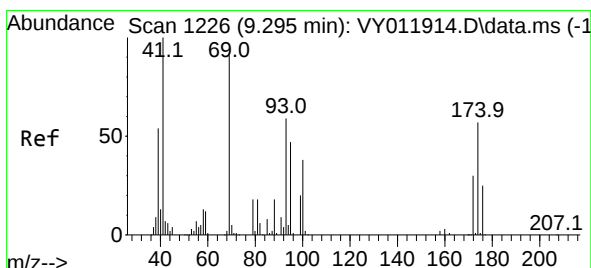
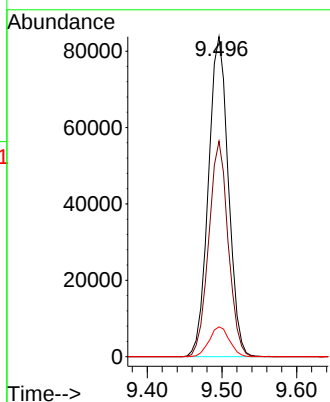
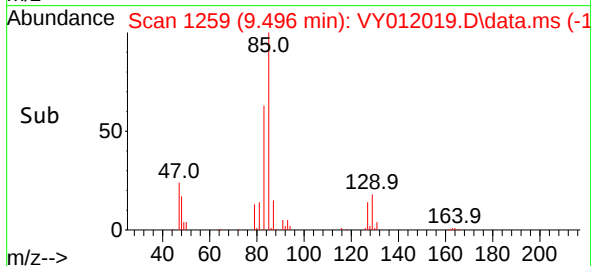
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



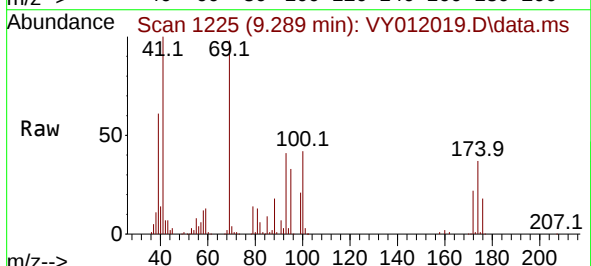
Tgt Ion: 83 Resp: 15551
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0
127 9.3 7.3 10.9

Manual Integrations
APPROVED

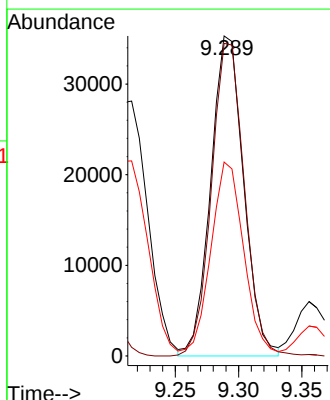
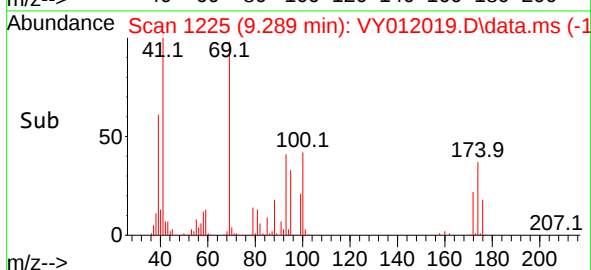
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

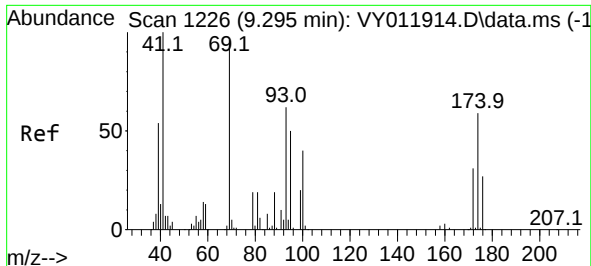


#48
Methyl methacrylate
Concen: 56.501 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion: 41 Resp: 64000
Ion Ratio Lower Upper
41 100
69 97.5 74.2 111.2
39 57.8 46.3 69.5





#49

1,4-Dioxane

Concen: 1265.980 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1718

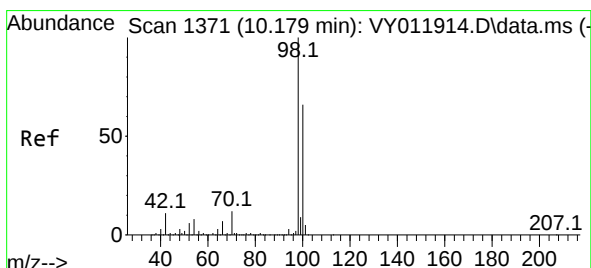
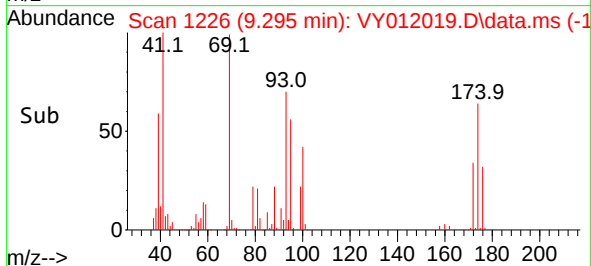
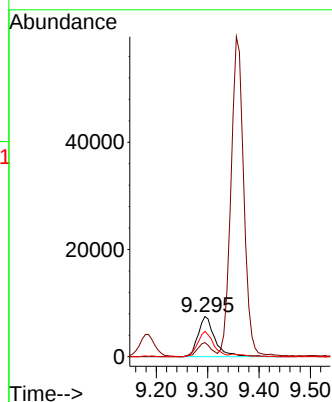
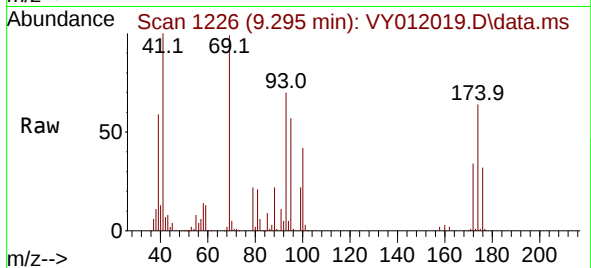
Ion	Ratio	Lower	Upper
88	100		
43	28.8	26.2	39.2
58	57.5	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#50

Toluene-d8

Concen: 50.919 ug/l

RT: 10.179 min Scan# 1371

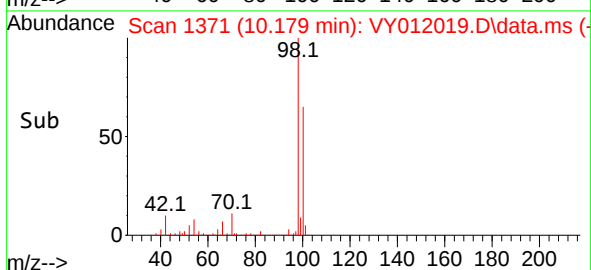
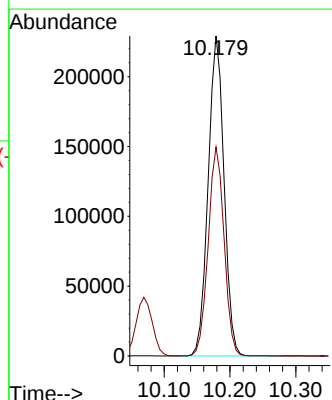
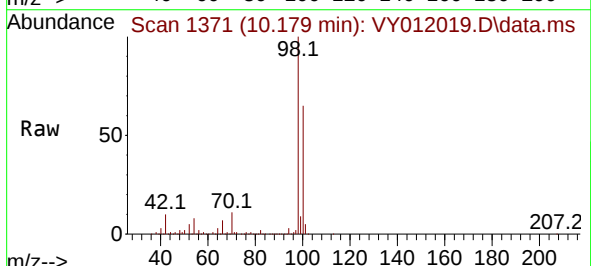
Delta R.T. -0.000 min

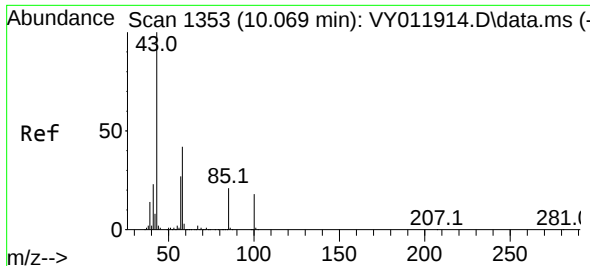
Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion: 98 Resp: 384537

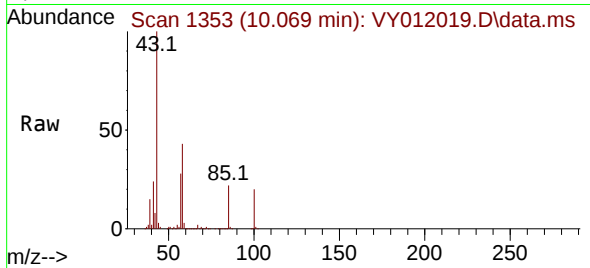
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 281.044 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

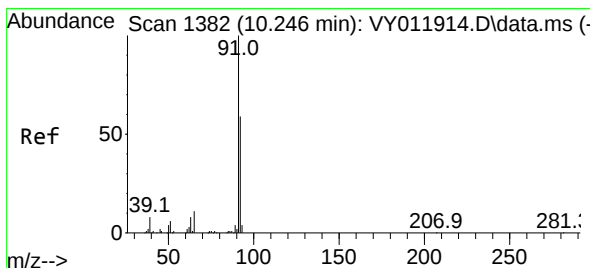
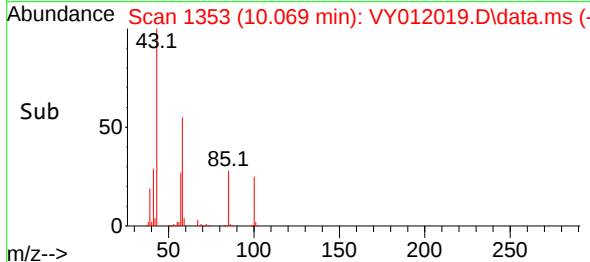
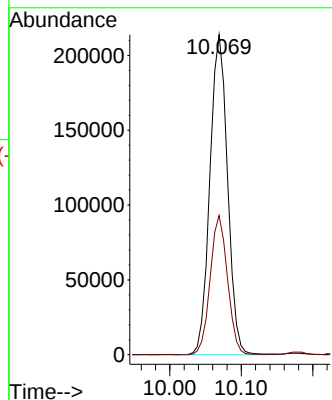
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 366617
Ion Ratio Lower Upper
43 100
58 42.6 32.9 49.3

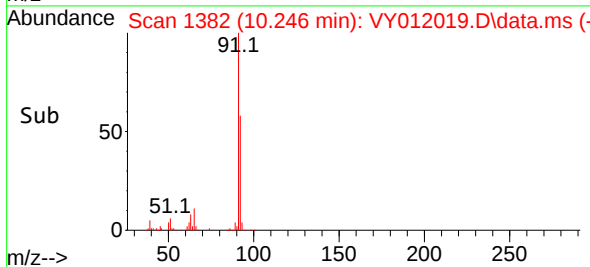
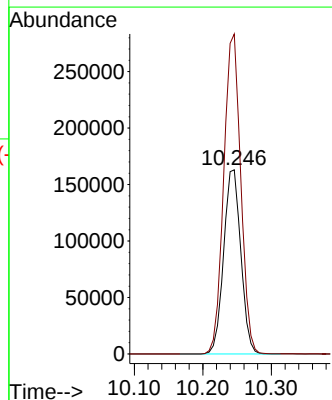
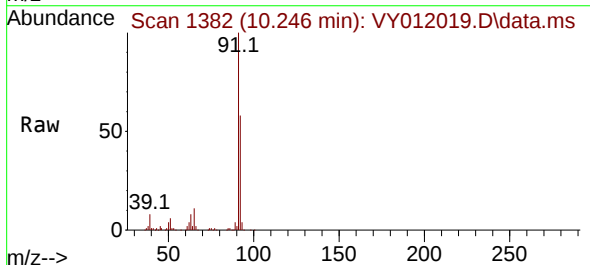
Manual Integrations
APPROVED

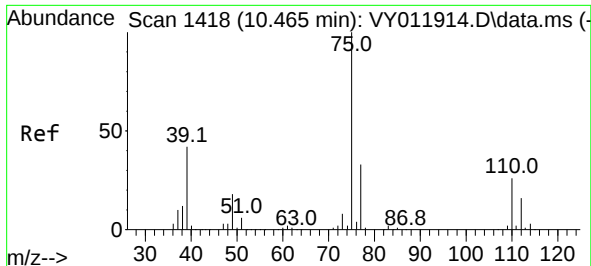
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#52
Toluene
Concen: 51.935 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

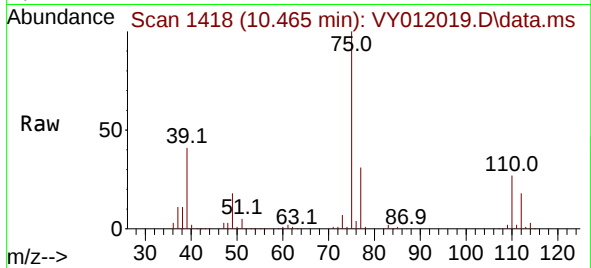
Tgt Ion: 92 Resp: 282718
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.250 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

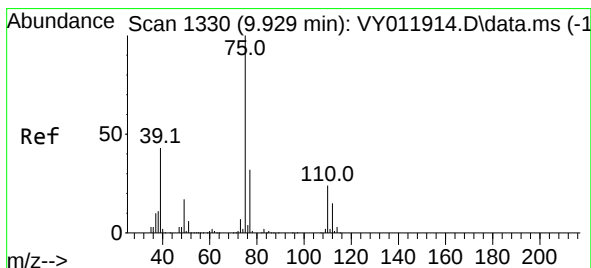
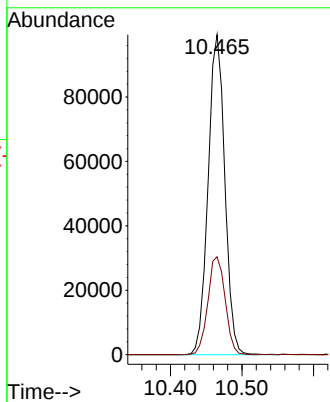
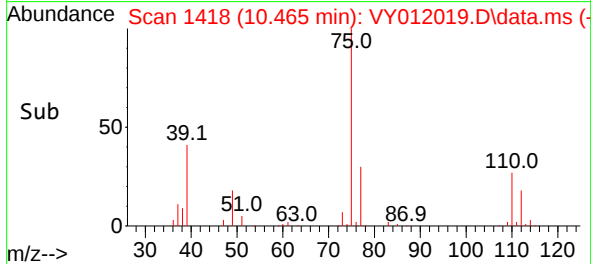
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



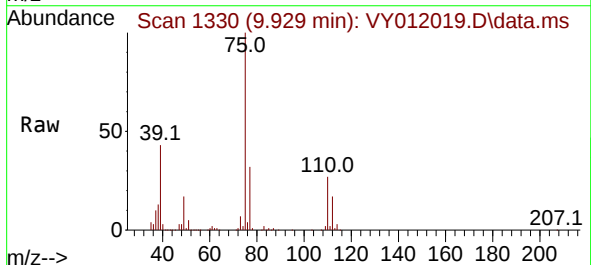
Tgt Ion: 75 Resp: 161060
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8

Manual Integrations
APPROVED

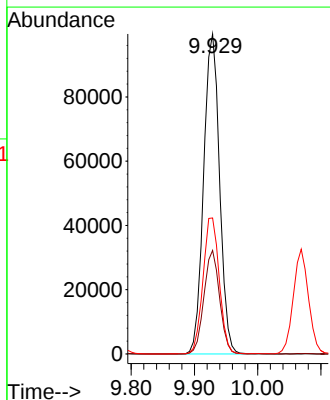
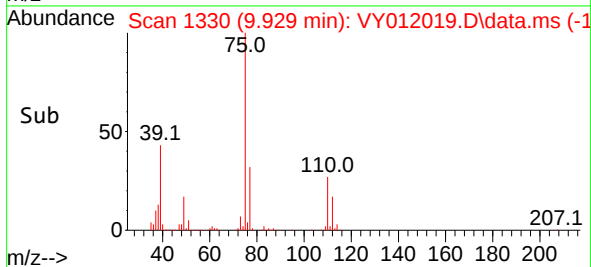
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

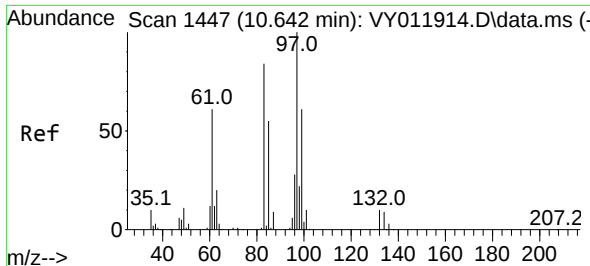


#54
cis-1,3-Dichloropropene
Concen: 53.261 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



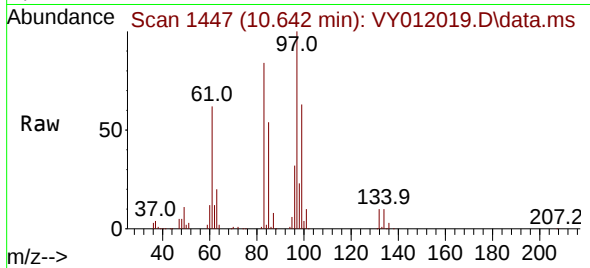
Tgt Ion: 75 Resp: 174520
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
39 42.5 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 54.250 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

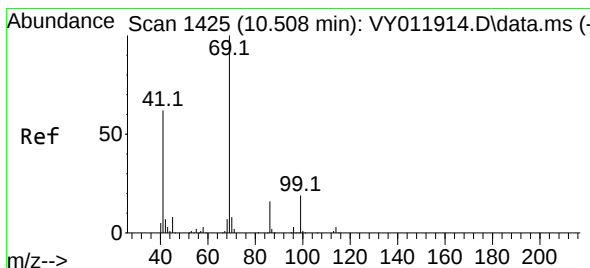
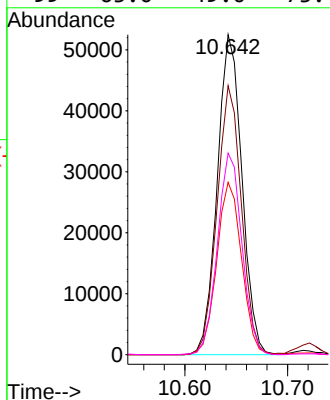
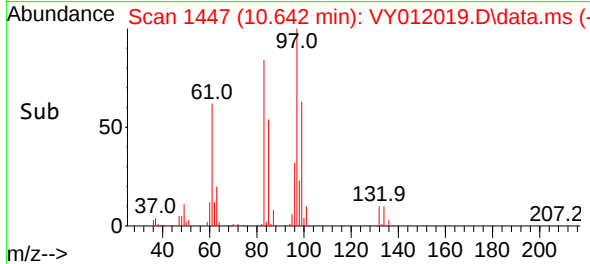
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



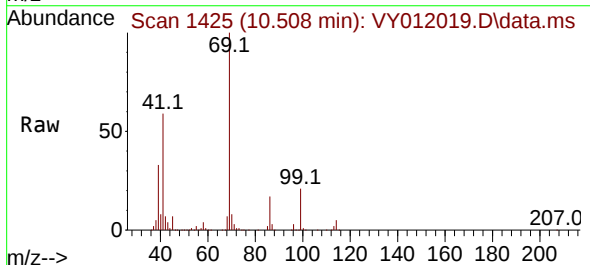
Tgt Ion:	97	Resp:	8754
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.7	101.5
85	53.9	43.8	65.8
99	63.0	49.0	73.4

Manual Integrations
APPROVED

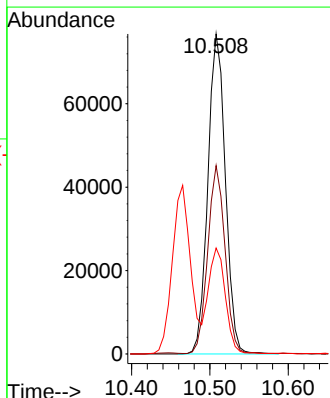
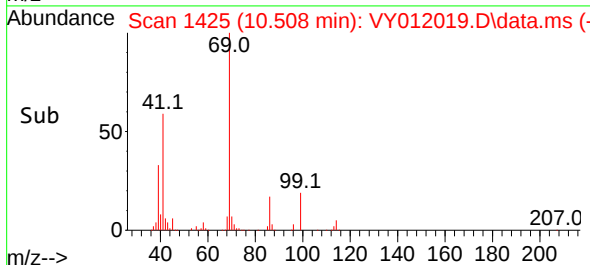
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

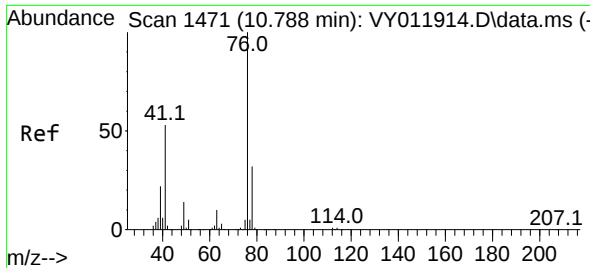


#56
Ethyl methacrylate
Concen: 58.345 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



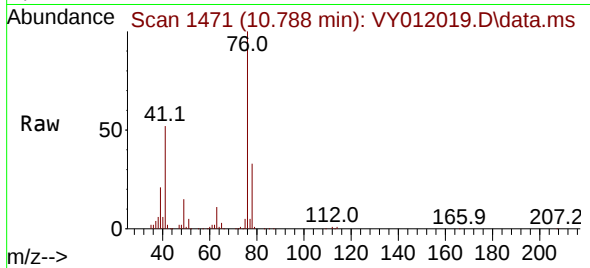
Tgt Ion:	69	Resp:	119205
Ion	Ratio	Lower	Upper
69	100		
41	58.0	48.9	73.3
39	31.7	25.9	38.9





#57
1,3-Dichloropropane
Concen: 54.421 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

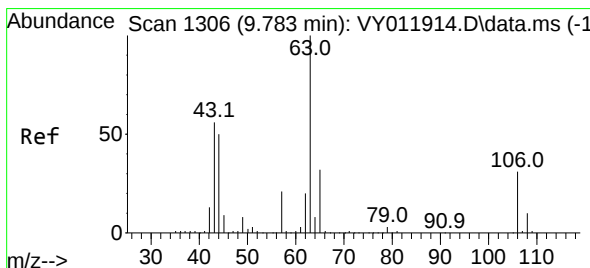
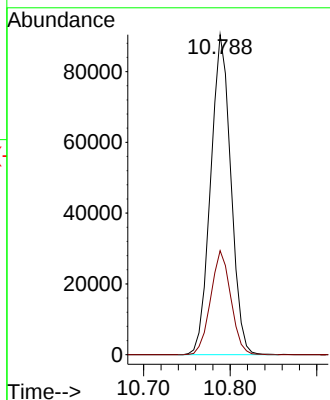
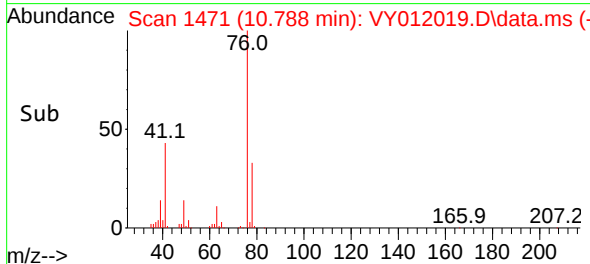
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 146552
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

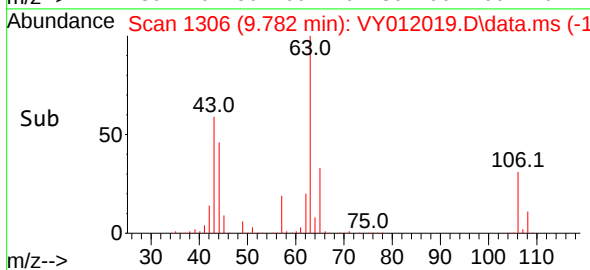
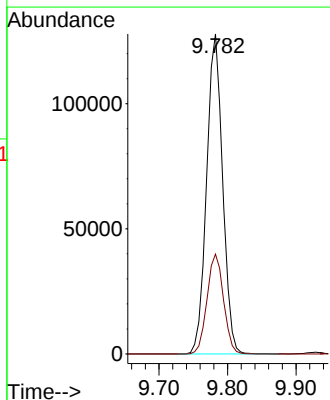
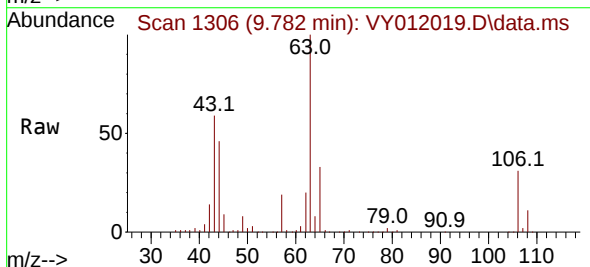
Manual Integrations
APPROVED

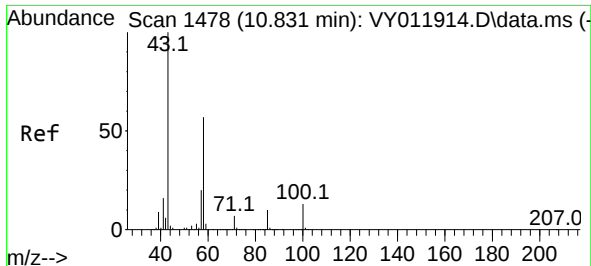
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 263.488 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

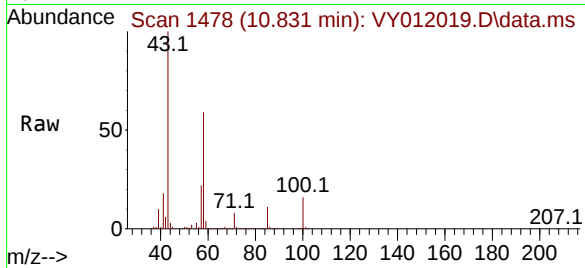
Tgt Ion: 63 Resp: 207730
Ion Ratio Lower Upper
63 100
106 32.1 23.2 34.8





#59
2-Hexanone
Concen: 305.028 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

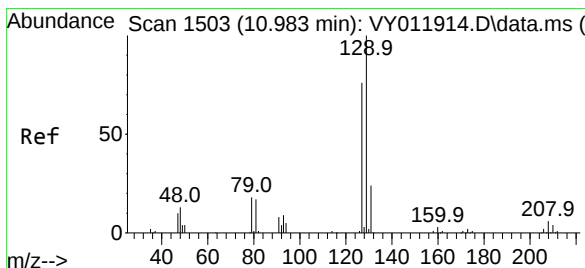
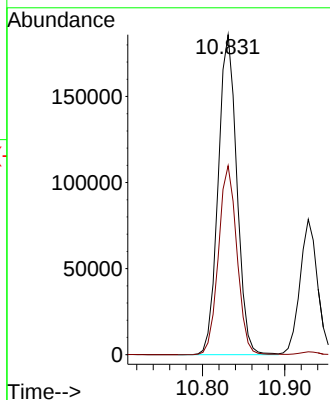
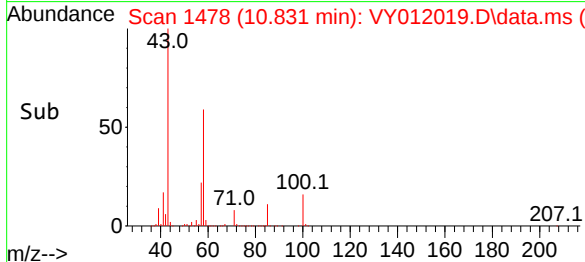
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 292729
Ion Ratio Lower Upper
43 100
58 58.5 28.4 85.2

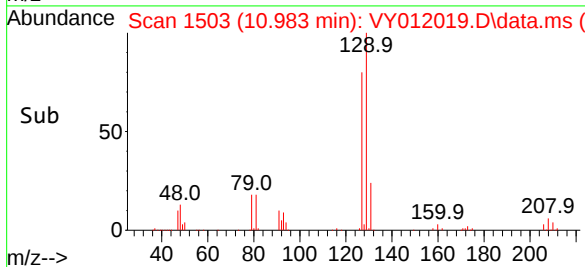
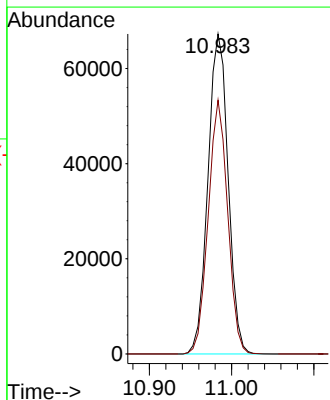
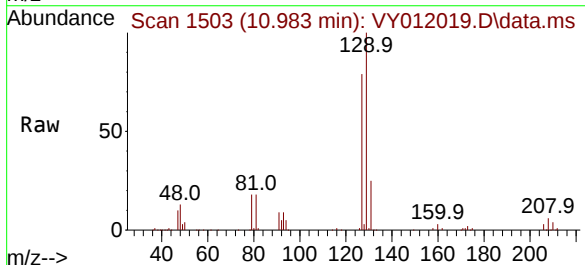
Manual Integrations
APPROVED

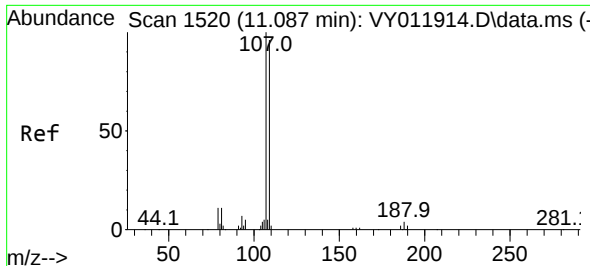
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#60
Dibromochloromethane
Concen: 56.430 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

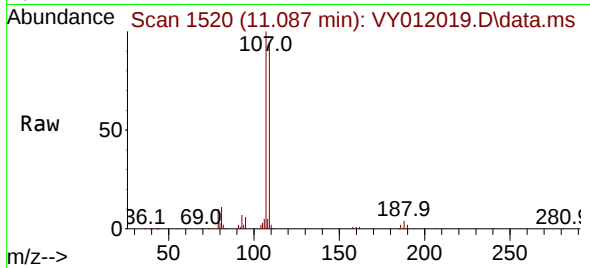
Tgt Ion:129 Resp: 114713
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 55.458 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

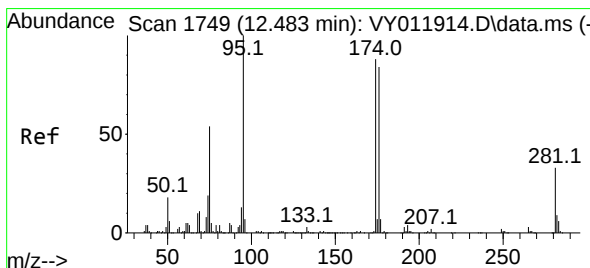
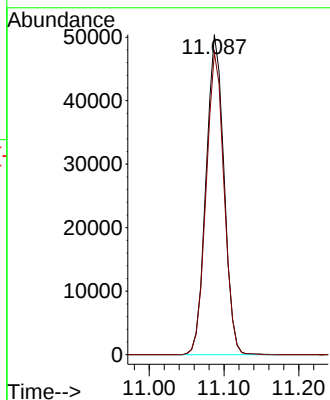
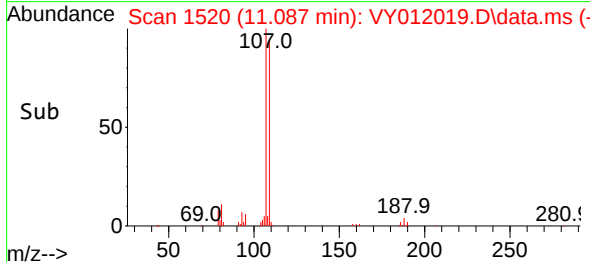
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



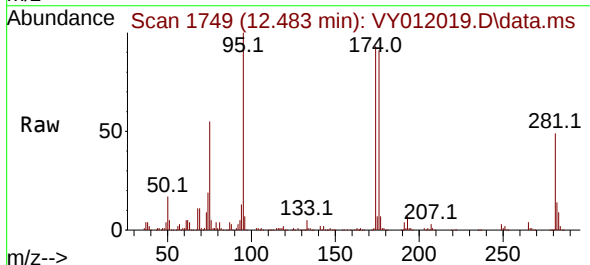
Tgt Ion:107 Resp: 8372
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6

Manual Integrations
APPROVED

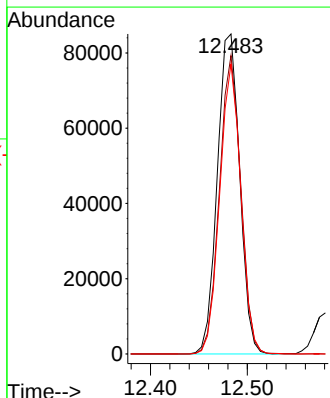
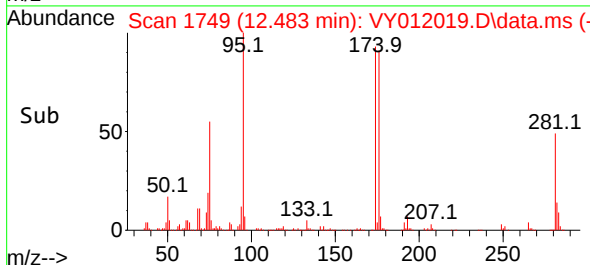
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

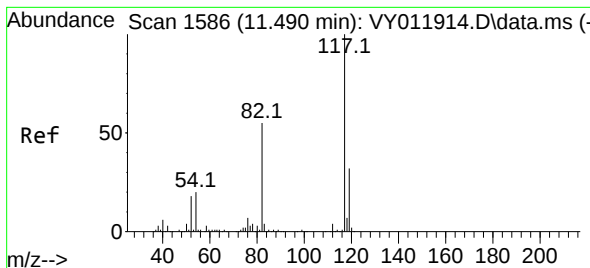


#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion: 95 Resp: 136490
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.0
176 85.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 28414

Ion Ratio Lower Upper

117 100

82 52.5 44.8 67.2

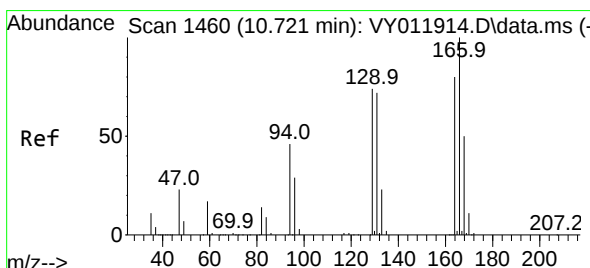
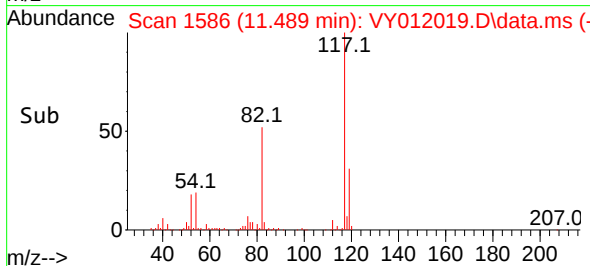
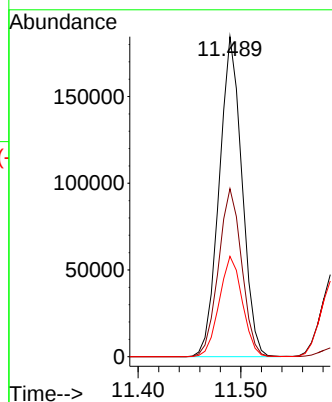
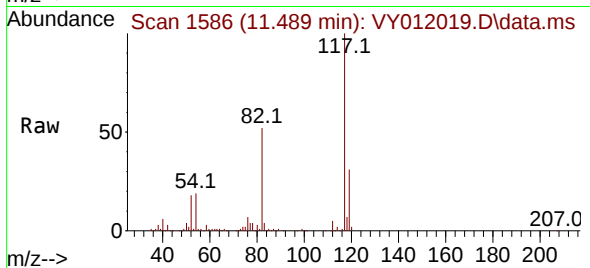
119 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#64

Tetrachloroethene

Concen: 52.836 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion:164 Resp: 131411

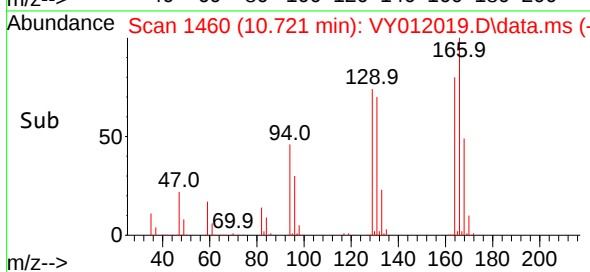
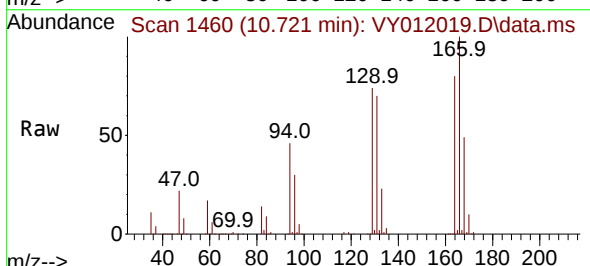
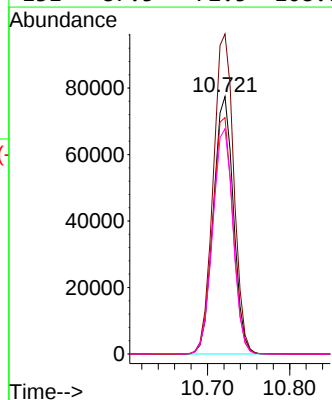
Ion Ratio Lower Upper

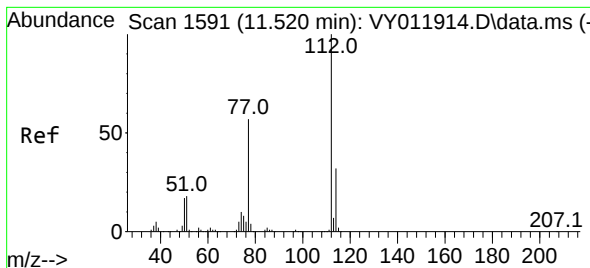
164 100

166 124.3 102.3 153.5

129 91.8 77.2 115.8

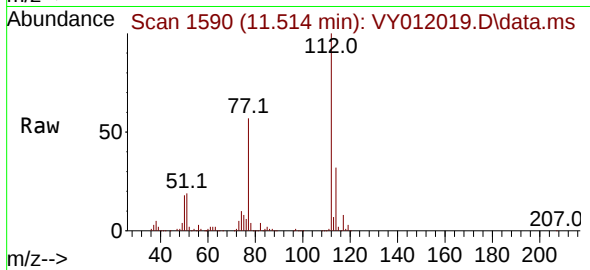
131 87.5 72.5 108.7





#65
Chlorobenzene
Concen: 51.816 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

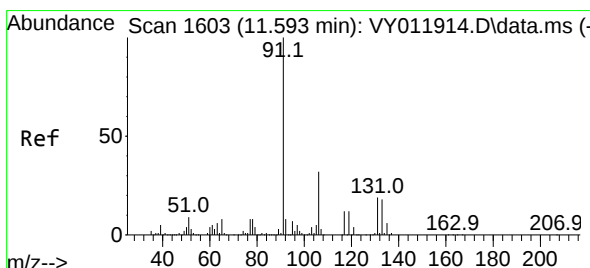
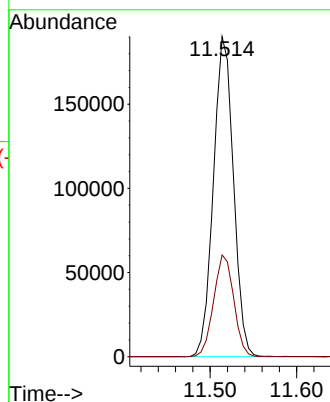
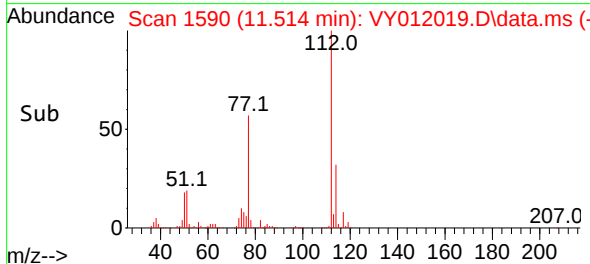
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



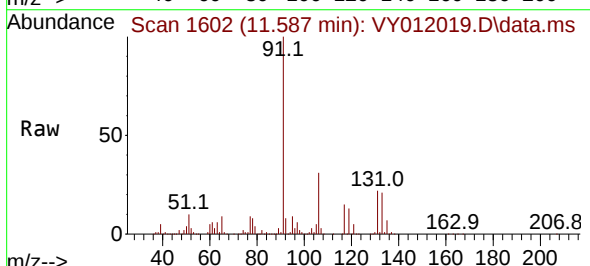
Tgt Ion:112 Resp: 305708
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

Manual Integrations
APPROVED

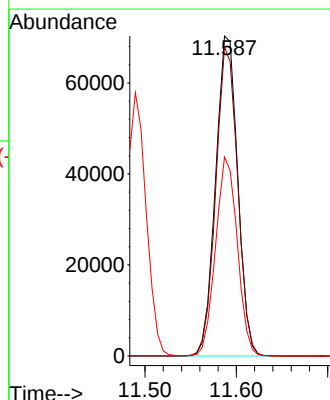
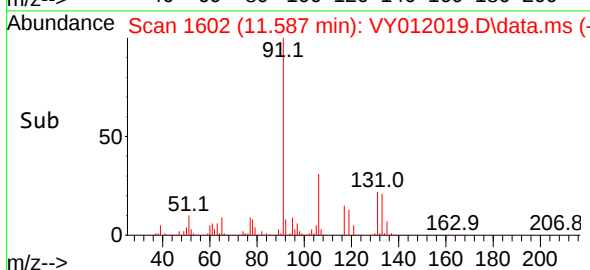
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

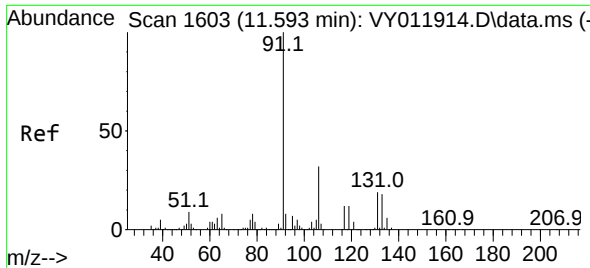


#66
1,1,1,2-Tetrachloroethane
Concen: 53.850 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



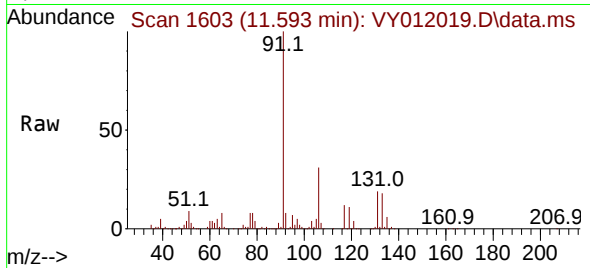
Tgt Ion:131 Resp: 118209
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 61.2 32.1 96.3





#67
Ethyl Benzene
Concen: 52.533 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

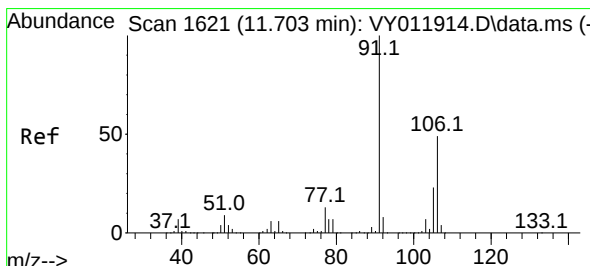
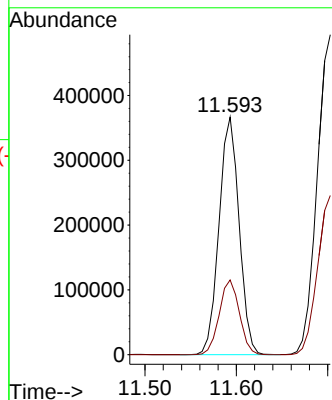
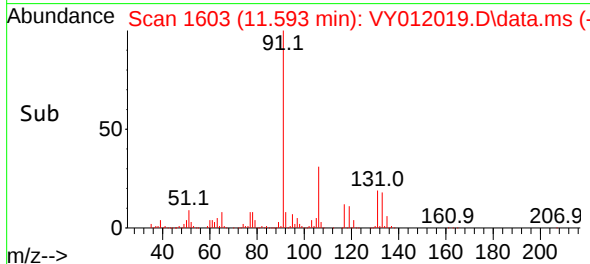
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



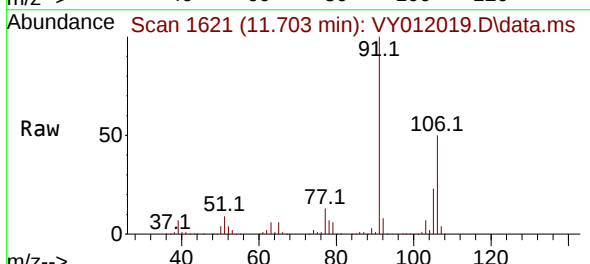
Tgt Ion: 91 Resp: 560249
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4

Manual Integrations
APPROVED

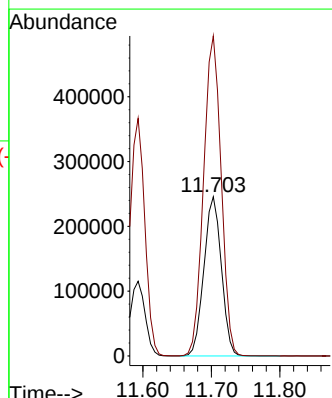
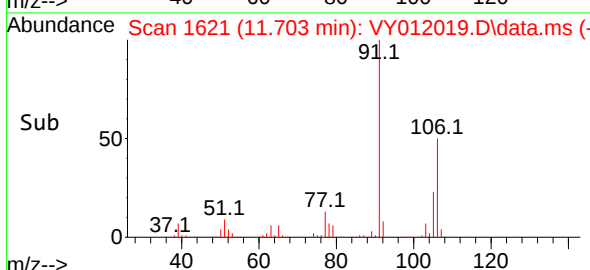
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

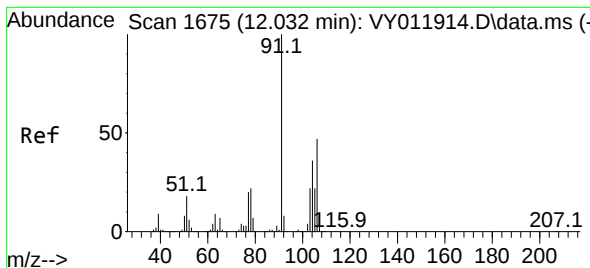


#68
m/p-Xylenes
Concen: 105.124 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



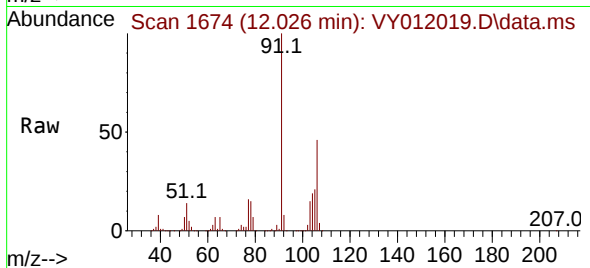
Tgt Ion:106 Resp: 436008
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7





#69
o-Xylene
Concen: 53.729 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

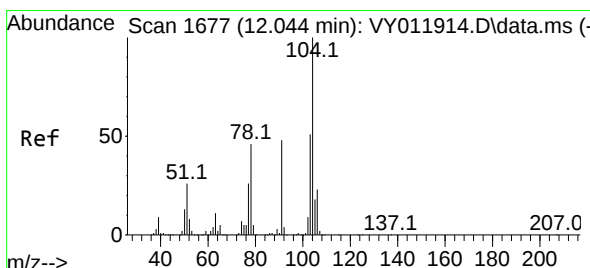
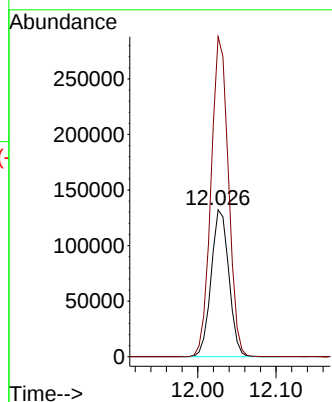
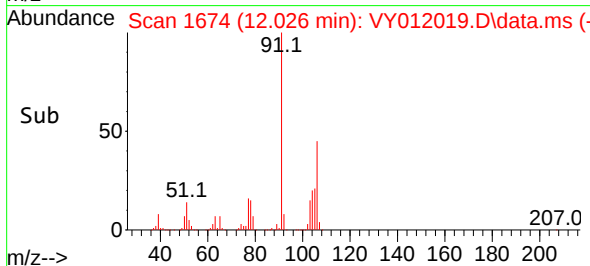
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 207344
Ion Ratio Lower Upper
106 100
91 214.6 107.5 322.4

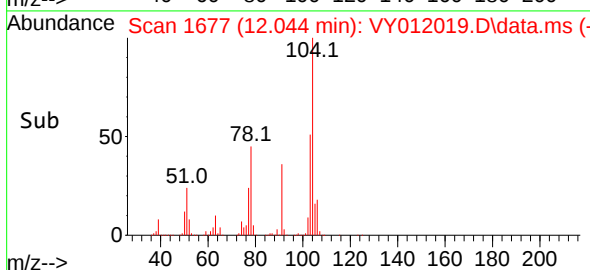
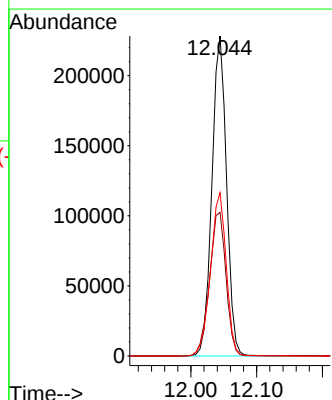
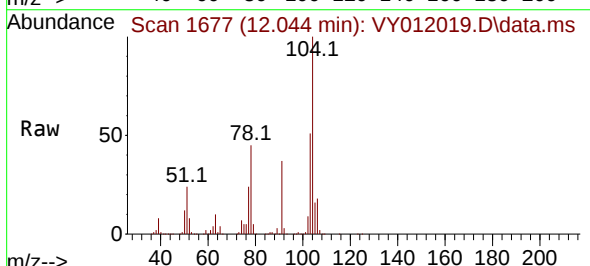
Manual Integrations
APPROVED

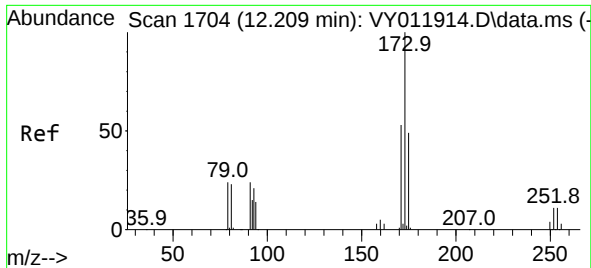
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#70
Styrene
Concen: 54.493 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

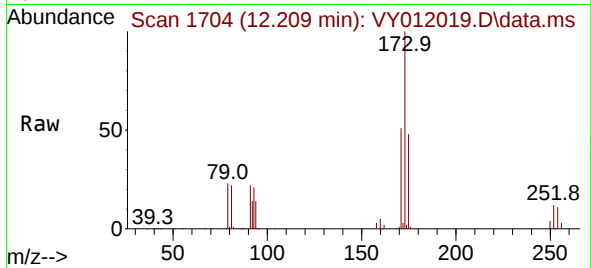
Tgt Ion:104 Resp: 353095
Ion Ratio Lower Upper
104 100
78 50.6 39.4 59.0
103 54.8 43.0 64.4





#71
Bromoform
Concen: 57.004 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

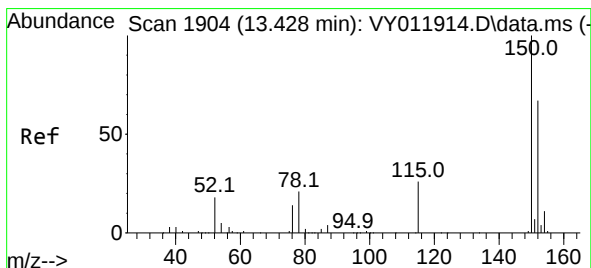
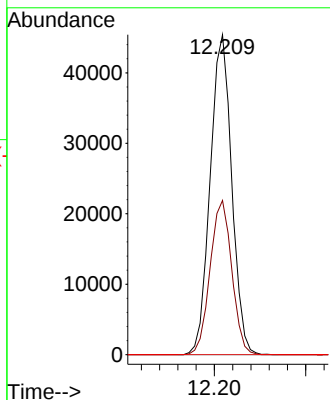
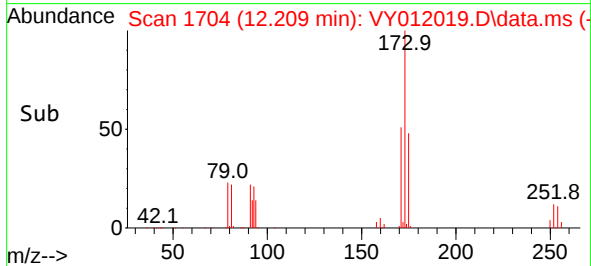
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



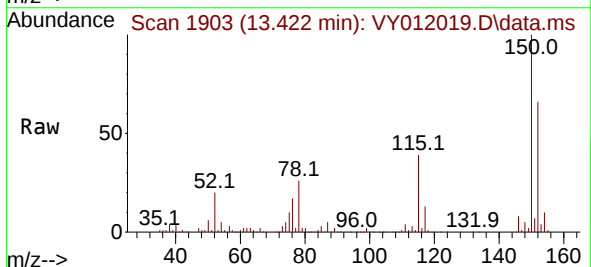
Tgt Ion:173 Resp: 7414
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

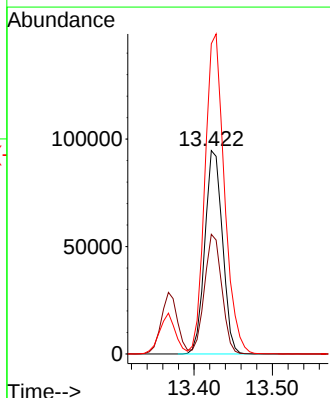
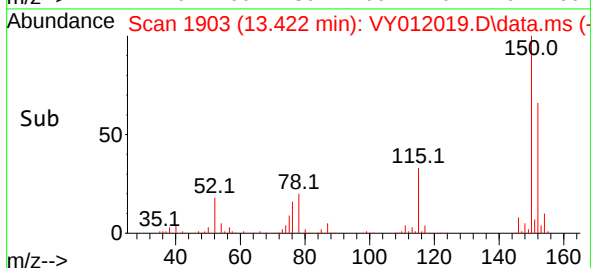
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

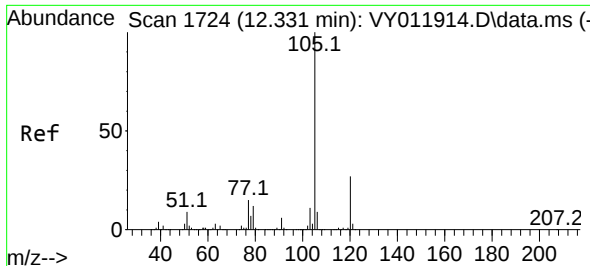


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



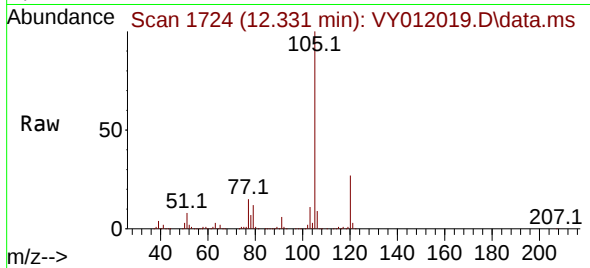
Tgt Ion:152 Resp: 147656
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 173.8 0.0 342.6





#73
Isopropylbenzene
Concen: 51.983 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

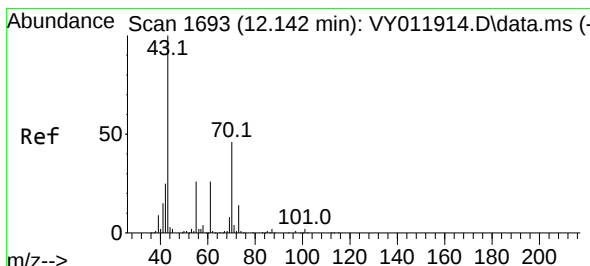
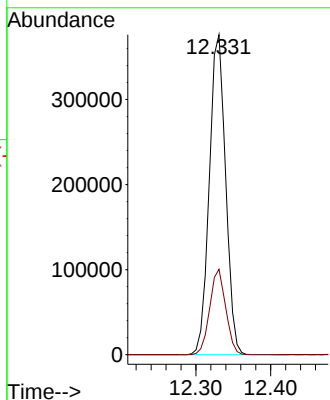
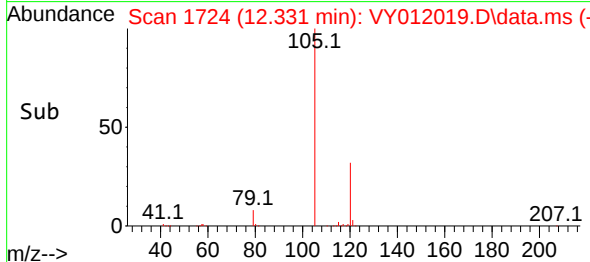
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 56957
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

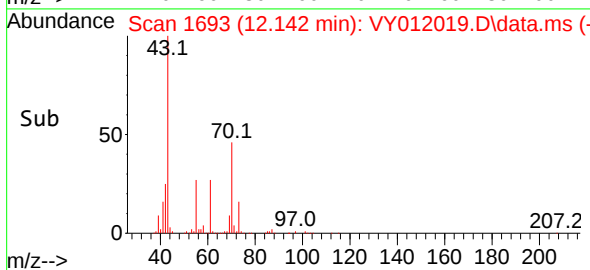
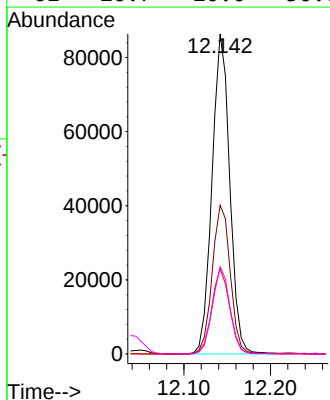
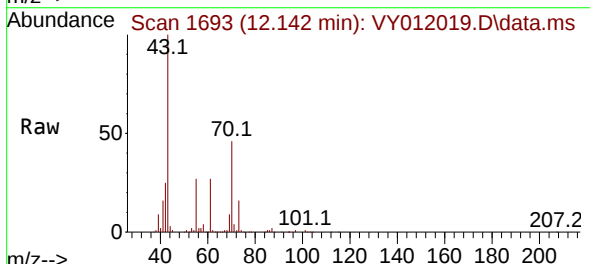
Manual Integrations
APPROVED

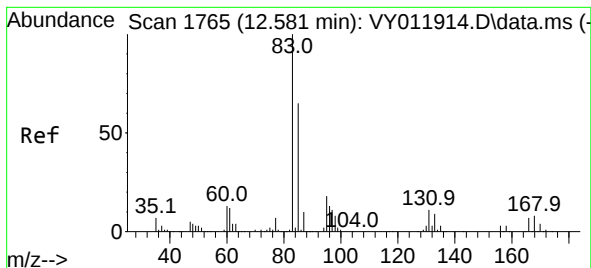
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#74
N-ethyl acetate
Concen: 54.668 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 43 Resp: 122802
Ion Ratio Lower Upper
43 100
70 47.4 35.8 53.8
55 27.0 21.0 31.4
61 26.7 20.0 30.0





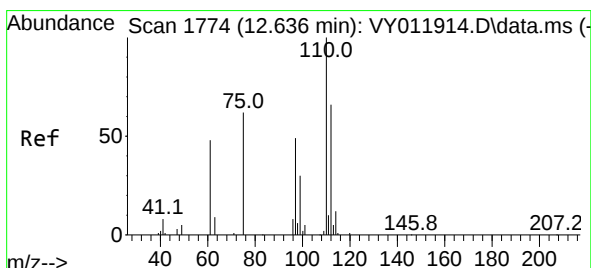
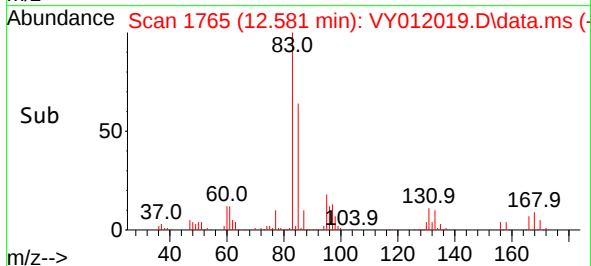
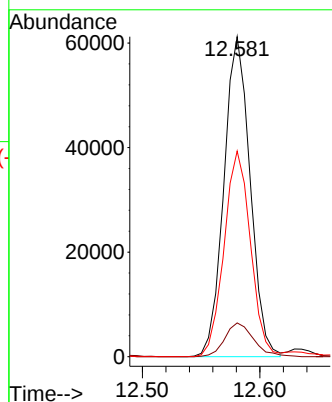
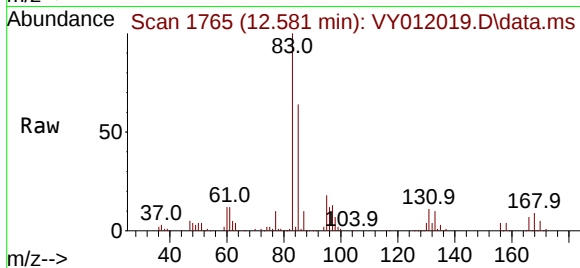
#75
1,1,2,2-Tetrachloroethane
Concen: 51.954 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9496
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 64.7 32.3 96.8

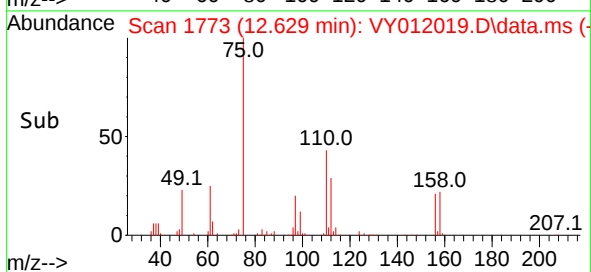
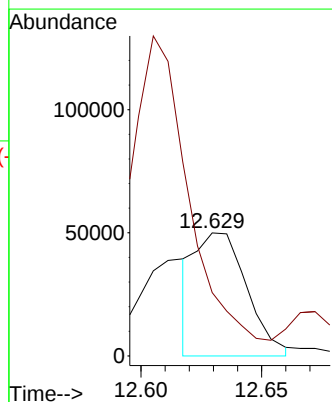
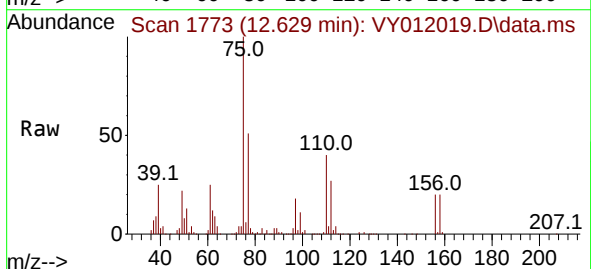
Manual Integrations
APPROVED

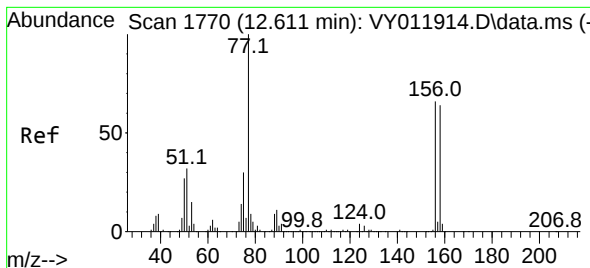
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#76
1,2,3-Trichloropropane
Concen: 40.623 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 75 Resp: 74639
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.019 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 131862

Ion Ratio Lower Upper

156 100

77 172.6 90.0 270.0

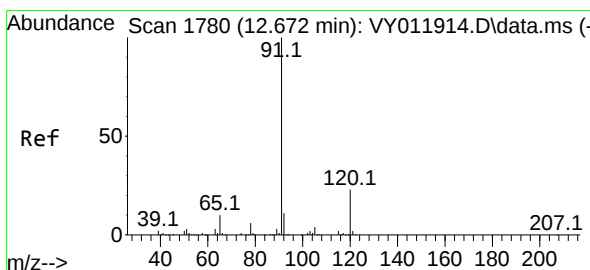
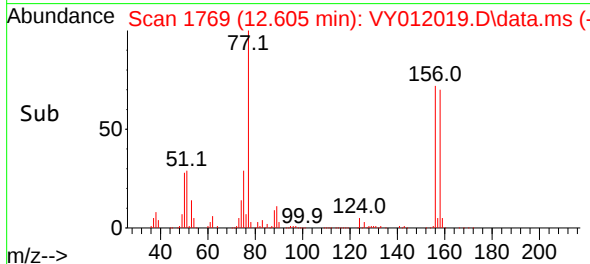
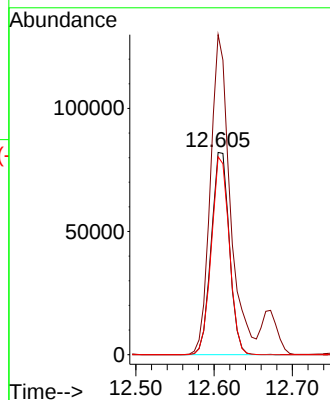
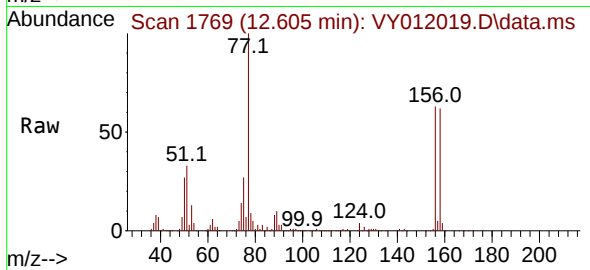
158 96.8 48.4 145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#78

n-propylbenzene

Concen: 50.938 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012019.D

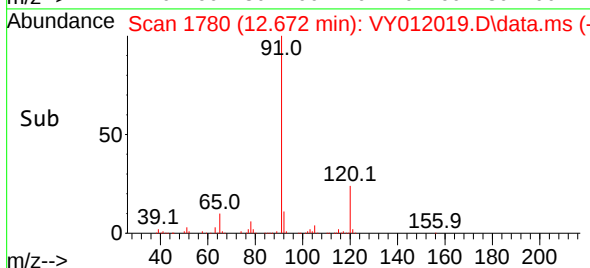
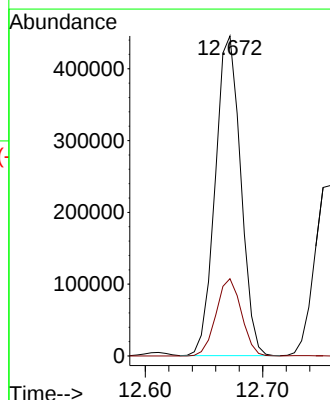
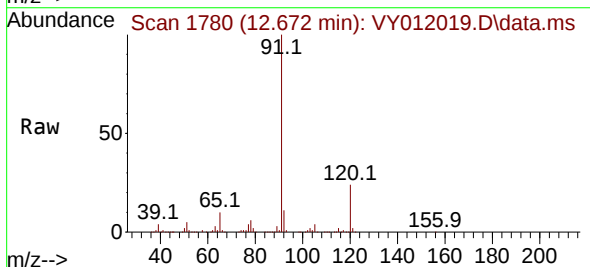
Acq: 27 Dec 2022 17:37

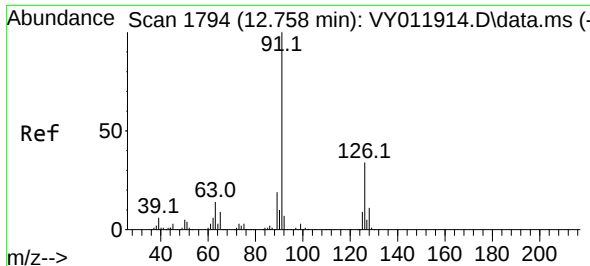
Tgt Ion: 91 Resp: 670876

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4





#79

2-Chlorotoluene

Concen: 51.004 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 377598

Ion Ratio Lower Upper

91 100

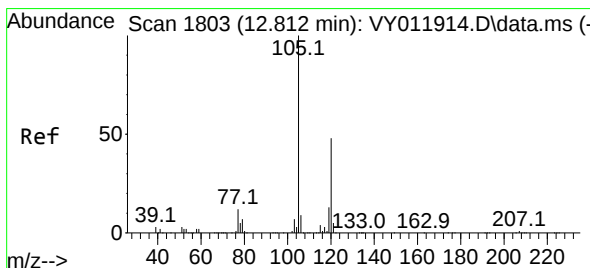
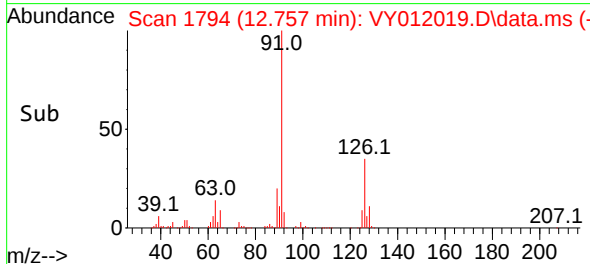
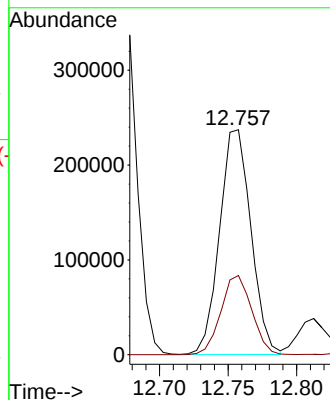
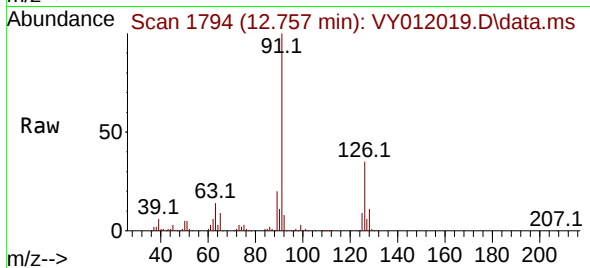
126 34.6 17.2 51.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#80

1,3,5-Trimethylbenzene

Concen: 52.013 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012019.D

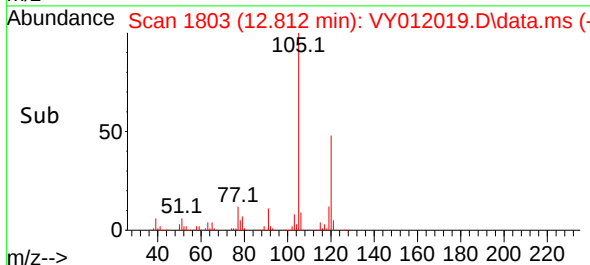
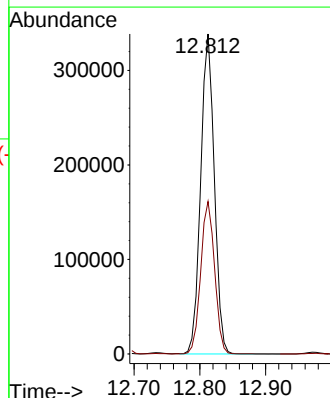
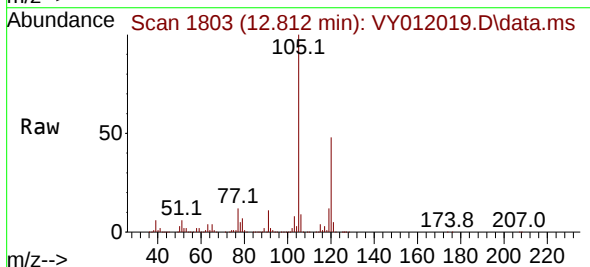
Acq: 27 Dec 2022 17:37

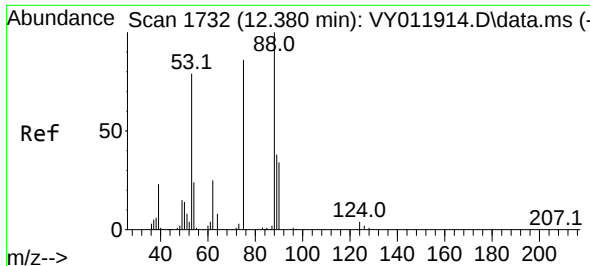
Tgt Ion:105 Resp: 487939

Ion Ratio Lower Upper

105 100

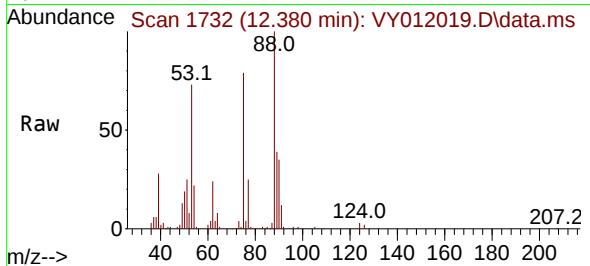
120 48.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.128 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

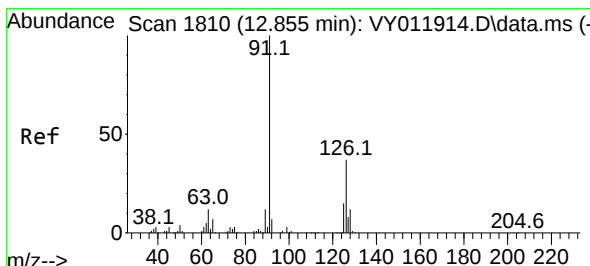
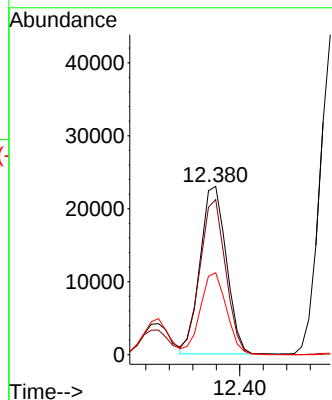
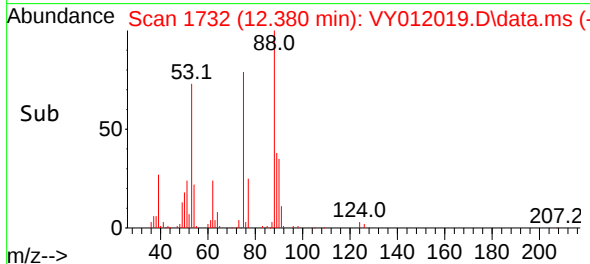
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 35649
Ion Ratio Lower Upper
75 100
53 91.5 72.5 108.7
89 48.9 37.0 55.4

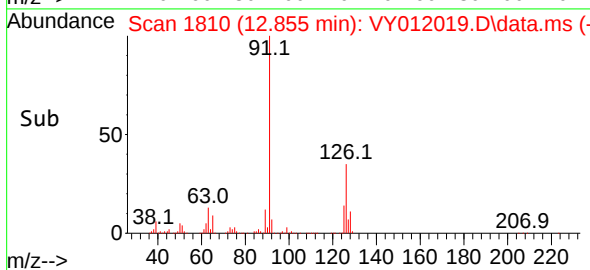
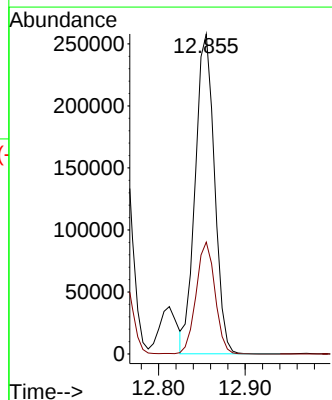
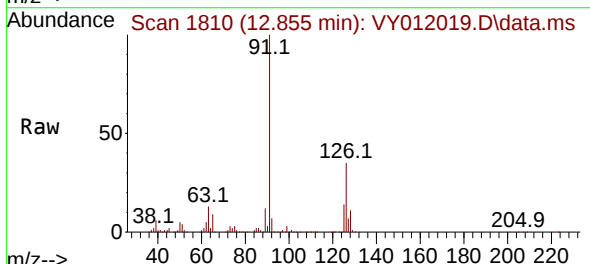
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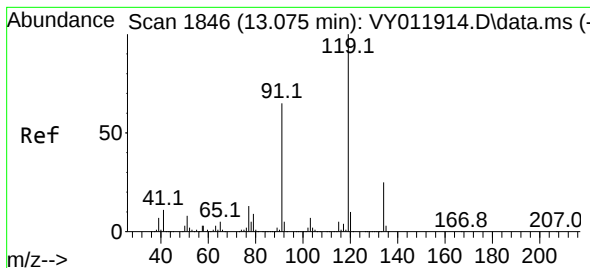
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#82
4-Chlorotoluene
Concen: 51.779 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

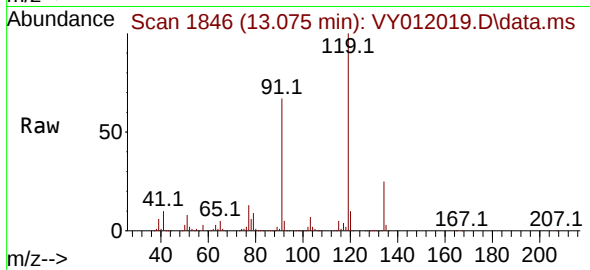
Tgt Ion: 91 Resp: 396629
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83
tert-Butylbenzene
Concen: 53.270 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

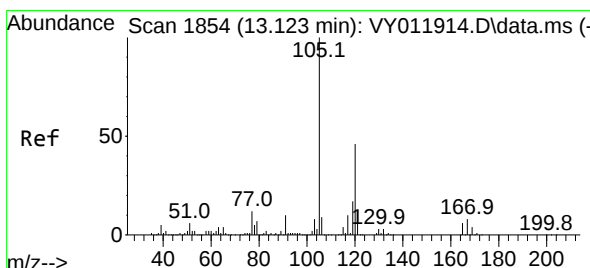
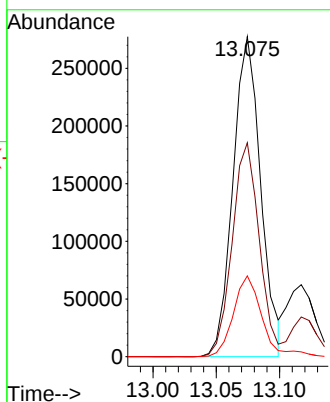
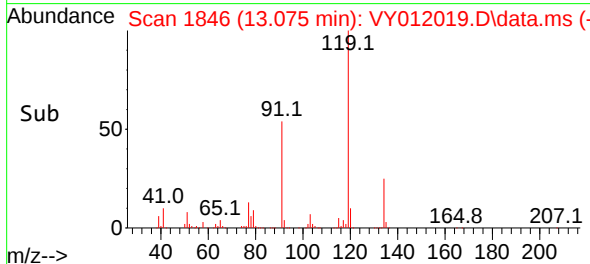
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



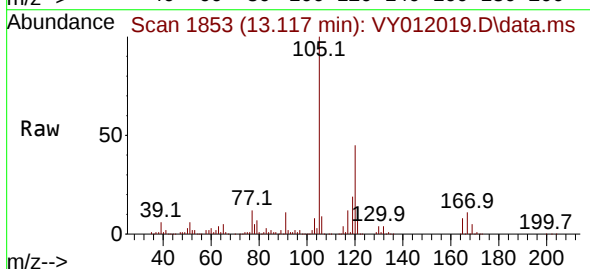
Tgt Ion:119 Resp: 423518
Ion Ratio Lower Upper
119 100
91 65.2 32.3 96.8
134 26.0 13.0 39.0

Manual Integrations
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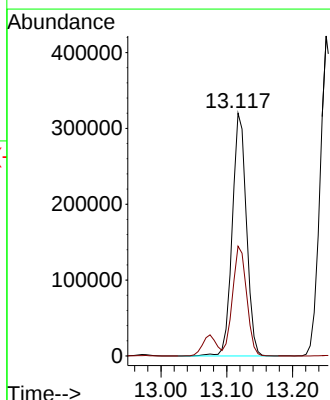
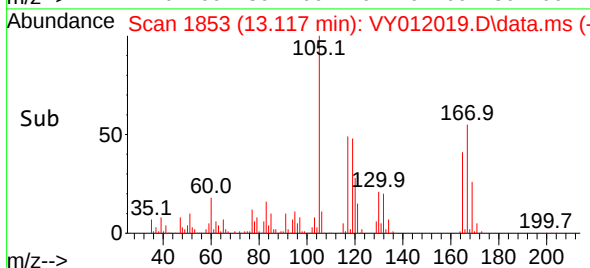
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

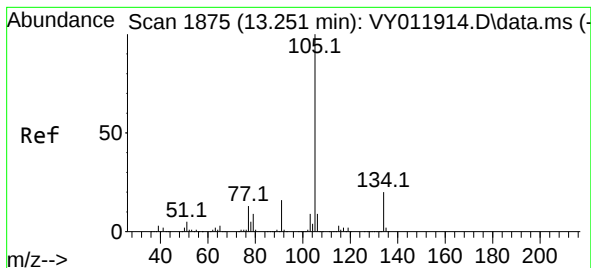


#84
1,2,4-Trimethylbenzene
Concen: 51.956 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion:105 Resp: 479498
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 51.902 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 616170

Ion Ratio Lower Upper

105 100

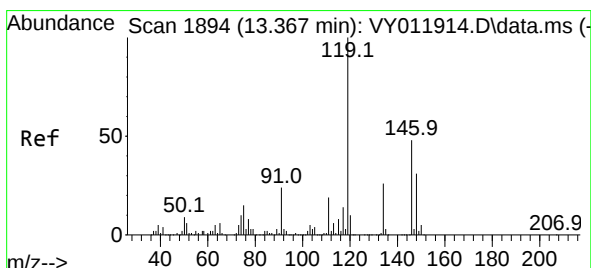
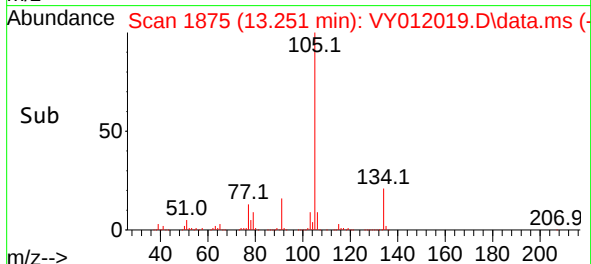
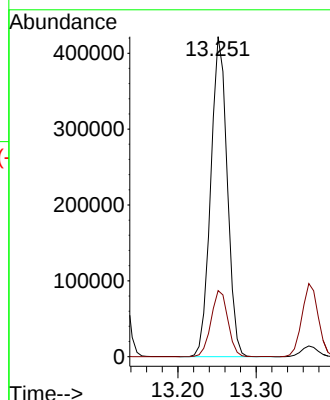
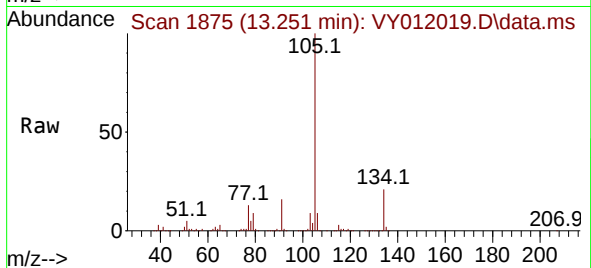
134 21.0 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#86

p-Isopropyltoluene

Concen: 53.037 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

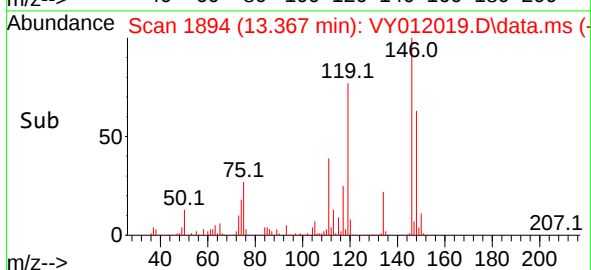
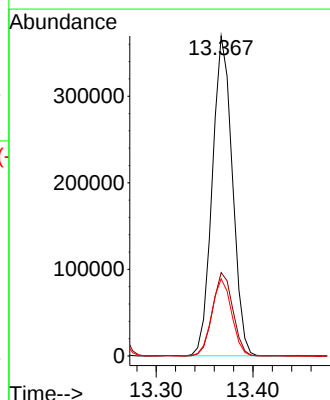
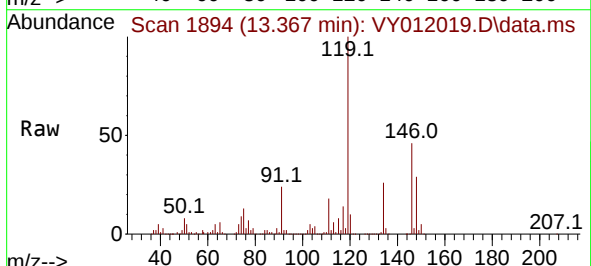
Tgt Ion:119 Resp: 531284

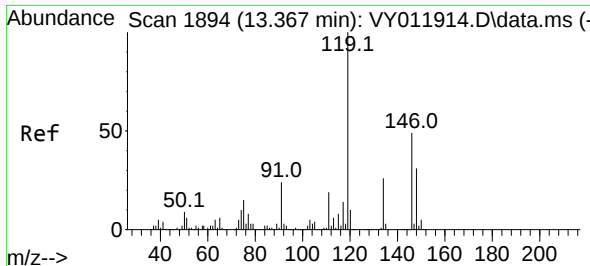
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

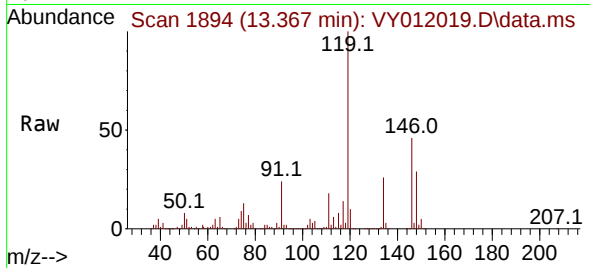
91 23.9 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 51.387 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

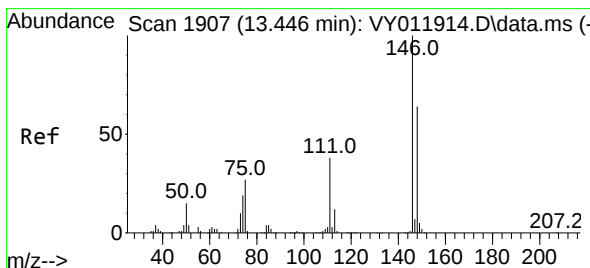
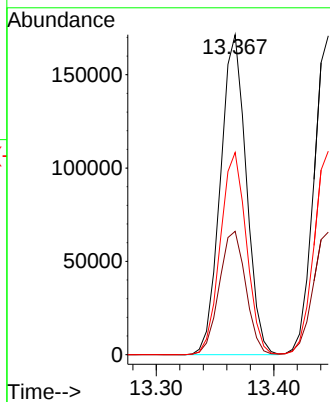
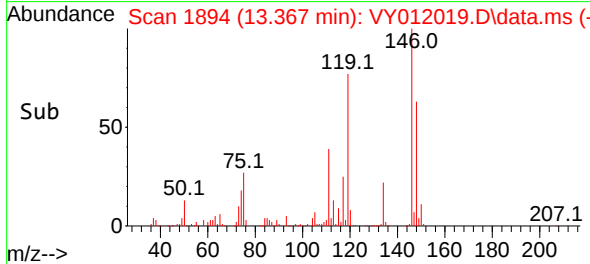
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



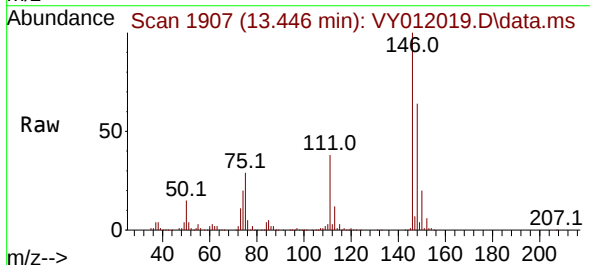
Tgt Ion:146 Resp: 26196
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.9 32.0 96.0

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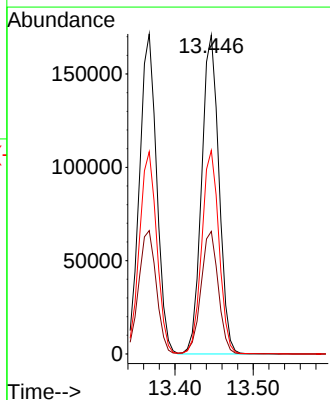
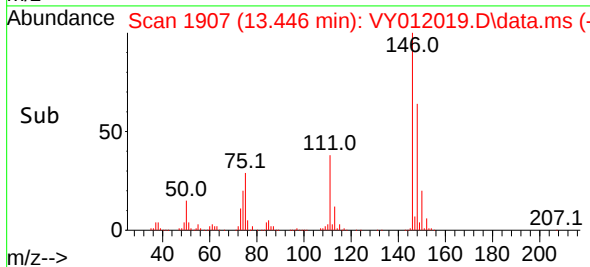
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023

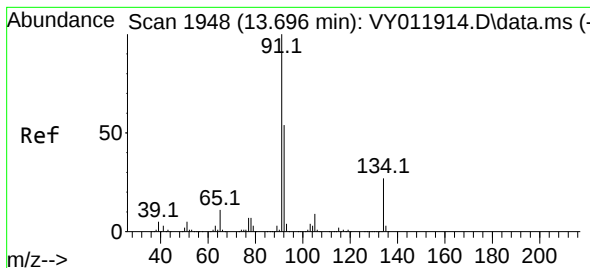


#88
1,4-Dichlorobenzene
Concen: 51.695 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion:146 Resp: 261990
Ion Ratio Lower Upper
146 100
111 38.3 19.6 58.7
148 63.5 31.9 95.7





#89

n-Butylbenzene

Concen: 52.188 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 473259

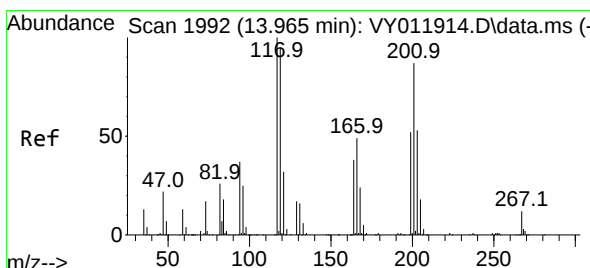
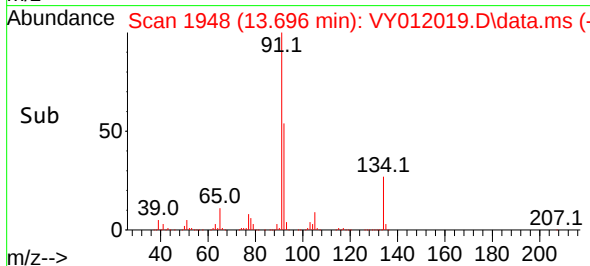
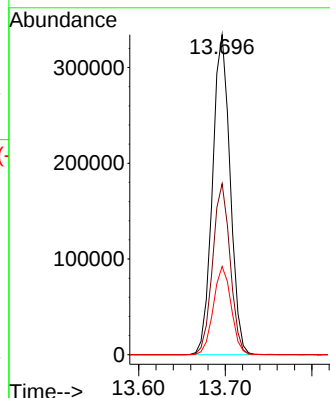
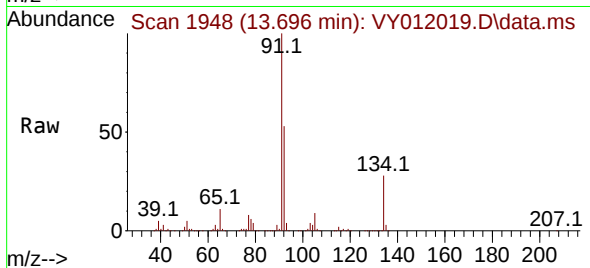
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.4
134	27.8	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#90

Hexachloroethane

Concen: 51.231 ug/l

RT: 13.958 min Scan# 1991

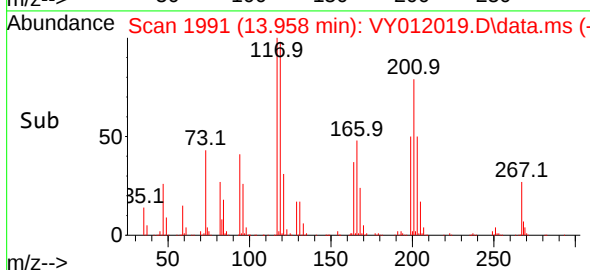
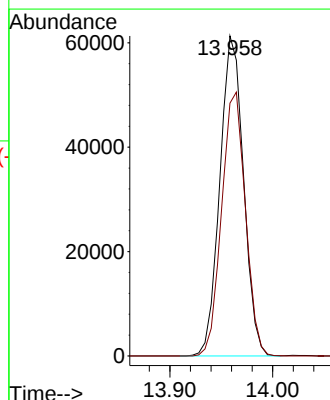
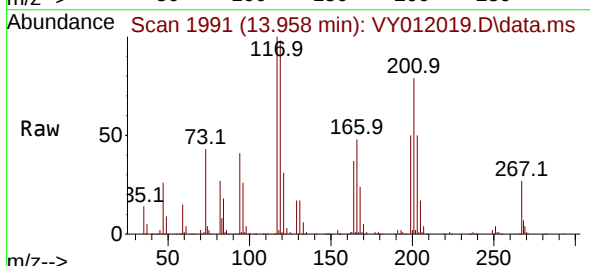
Delta R.T. -0.000 min

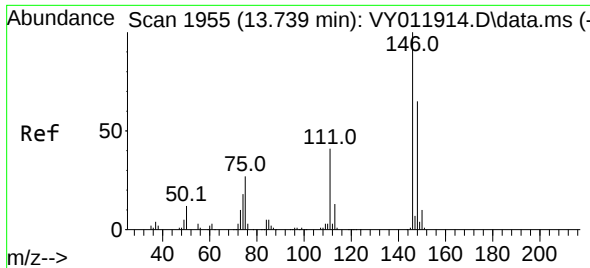
Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

Tgt Ion:117 Resp: 97920

Ion	Ratio	Lower	Upper
117	100		
201	82.7	40.3	120.8





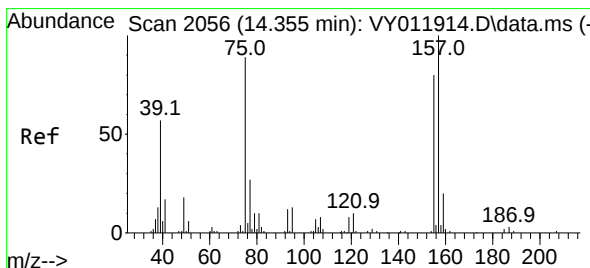
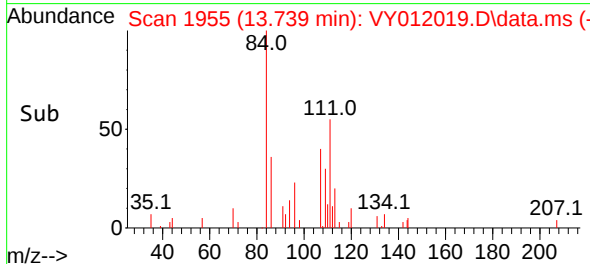
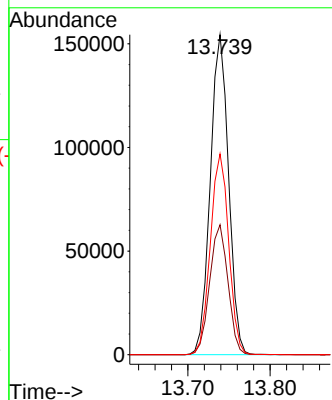
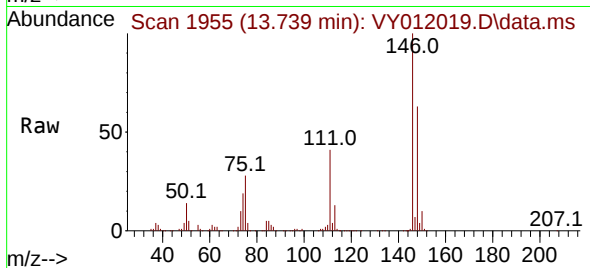
#91
1,2-Dichlorobenzene
Concen: 53.517 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 237852
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.1 31.8 95.4

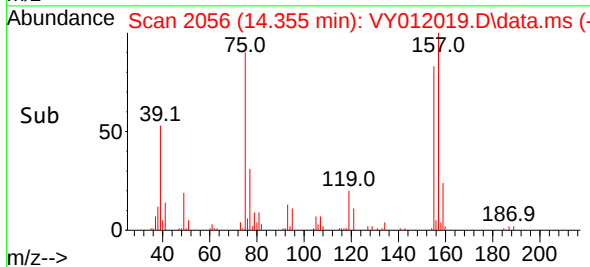
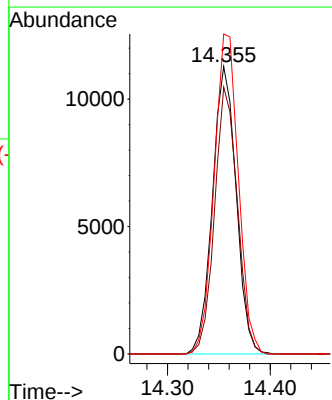
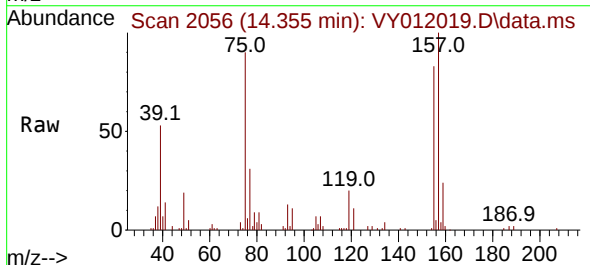
Manual Integrations
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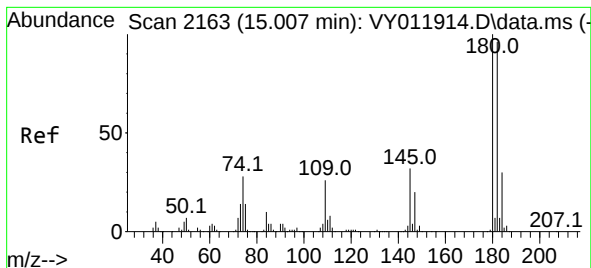
Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.457 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

Tgt Ion: 75 Resp: 18049
Ion Ratio Lower Upper
75 100
155 89.4 42.3 126.8
157 114.1 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 59.306 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012019.D

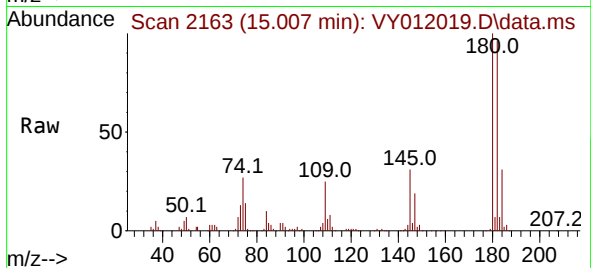
Acq: 27 Dec 2022 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 155052

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.3

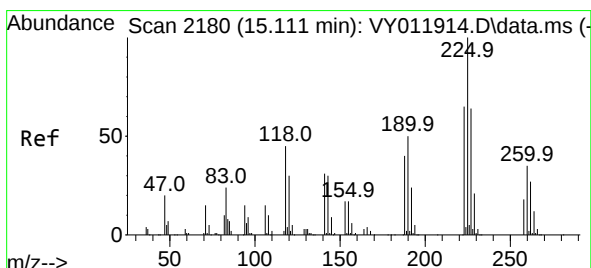
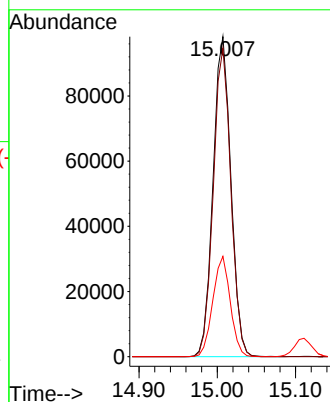
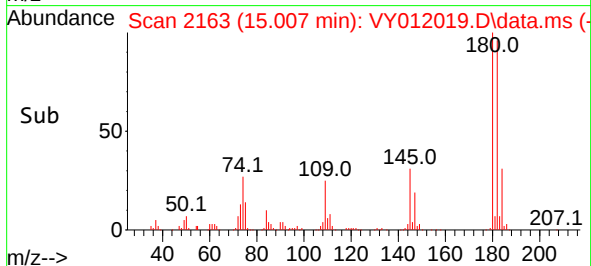
145 30.7 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/28/2022

Supervised By :Mahesh Dadoda 01/03/2023



#94

Hexachlorobutadiene

Concen: 56.076 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012019.D

Acq: 27 Dec 2022 17:37

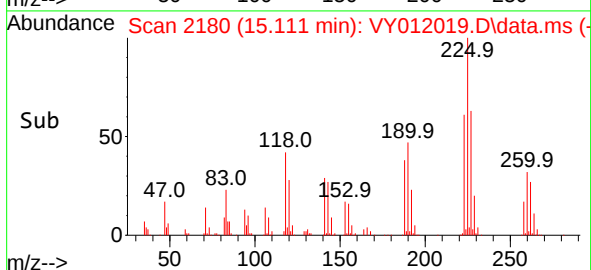
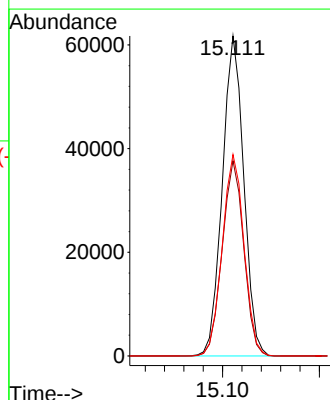
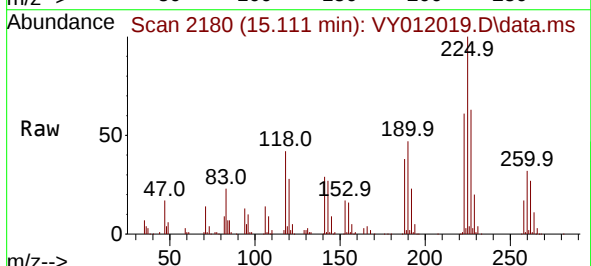
Tgt Ion:225 Resp: 94732

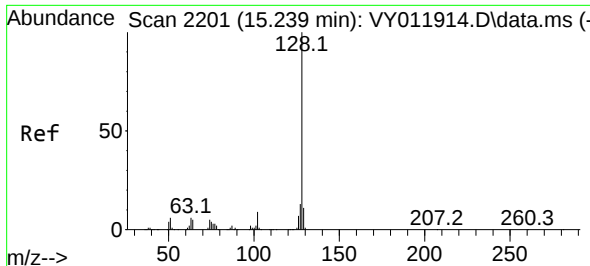
Ion Ratio Lower Upper

225 100

223 61.2 31.4 94.2

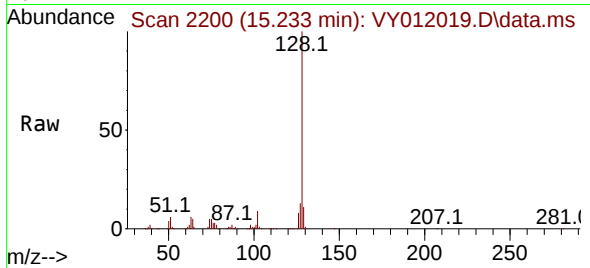
227 63.9 32.6 97.8





#95
Naphthalene
Concen: 56.243 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37

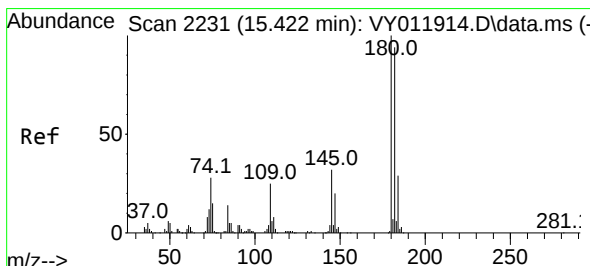
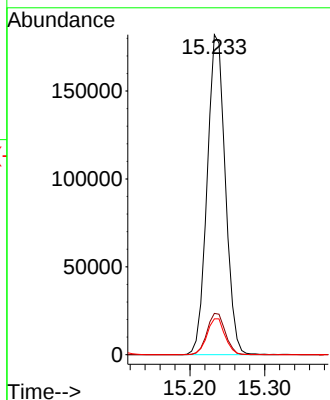
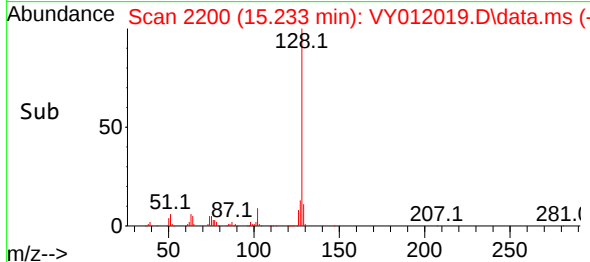
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



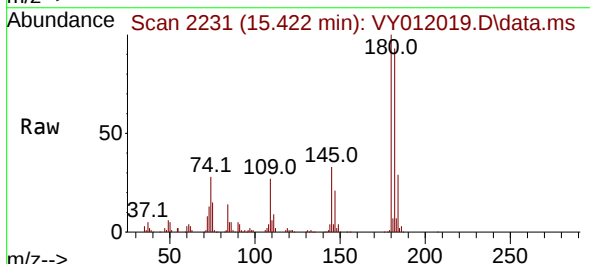
Tgt Ion:128 Resp: 30784
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/28/2022
Supervised By :Mahesh Dadoda 01/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 61.808 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012019.D
Acq: 27 Dec 2022 17:37



Tgt Ion:180 Resp: 136621
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.7
145 32.9 16.1 48.2

