

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011831.D
 Acq On : 14 Dec 2022 06:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 07:20:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	206221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72966	52.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.100%			
35) Dibromofluoromethane	7.722	113	76098	51.873	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.740%			
50) Toluene-d8	10.185	98	231985	47.806	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.483	95	99029	51.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38379	40.724	ug/l	95
3) Chloromethane	2.113	50	53541	48.421	ug/l	99
4) Vinyl Chloride	2.253	62	60269	45.387	ug/l	99
5) Bromomethane	2.656	94	47134	53.537	ug/l	98
6) Chloroethane	2.796	64	45823	44.810	ug/l	99
7) Trichlorofluoromethane	3.131	101	118024	41.634	ug/l	99
8) Diethyl Ether	3.534	74	47998	48.339	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	71530	42.269	ug/l	99
10) Methyl Iodide	4.094	142	92568	46.720	ug/l	97
11) Tert butyl alcohol	4.948	59	49378	297.610	ug/l	100
12) 1,1-Dichloroethene	3.875	96	66612	43.646	ug/l	96
13) Acrolein	3.729	56	68309	234.973	ug/l	99
14) Allyl chloride	4.485	41	118105	46.588	ug/l	99
15) Acrylonitrile	5.161	53	136366	255.864	ug/l	99
16) Acetone	3.948	43	104628	185.809	ug/l	97
17) Carbon Disulfide	4.198	76	143523	41.179	ug/l	98
18) Methyl Acetate	4.485	43	65546	48.842	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	248576	52.019	ug/l	100
20) Methylene Chloride	4.722	84	107678	54.213	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	80688	47.039	ug/l	99
22) Diisopropyl ether	6.125	45	294804	53.300	ug/l	98
23) Vinyl Acetate	6.064	43	864143	273.858	ug/l	100
24) 1,1-Dichloroethane	6.021	63	164737	49.013	ug/l	99
25) 2-Butanone	6.984	43	165808	228.918	ug/l	98
26) 2,2-Dichloropropane	6.984	77	137072	43.347	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	104637	49.911	ug/l	99
28) Bromochloromethane	7.332	49	63790	52.131	ug/l	99
29) Tetrahydrofuran	7.350	42	107005	259.558	ug/l	100
30) Chloroform	7.508	83	184095	51.233	ug/l	98
31) Cyclohexane	7.789	56	107204	44.285	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	152563	47.608	ug/l	99
36) 1,1-Dichloropropene	7.923	75	111424	44.345	ug/l	100
37) Ethyl Acetate	7.076	43	72958	49.665	ug/l	99
38) Carbon Tetrachloride	7.899	117	133995	45.399	ug/l	98
39) Methylcyclohexane	9.185	83	118873	42.046	ug/l	98
40) Benzene	8.161	78	362683	48.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	36935m	49.806	ug/l	
42) 1,2-Dichloroethane	8.240	62	116386	50.139	ug/l	100
43) Isopropyl Acetate	8.277	43	134024	50.315	ug/l	99
44) Trichloroethene	8.941	130	98661	46.930	ug/l	99
45) 1,2-Dichloropropane	9.222	63	96606	49.725	ug/l	98
46) Dibromomethane	9.307	93	53237	48.953	ug/l	98
47) Bromodichloromethane	9.496	83	143673	51.137	ug/l	99
48) Methyl methacrylate	9.295	41	60094	51.181	ug/l	98
49) 1,4-Dioxane	9.301	88	14794	981.950	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	382879	260.865	ug/l	100
52) Toluene	10.246	92	235761	49.405	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	139051	49.549	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	154716	49.068	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	81763	50.867	ug/l	99
56) Ethyl methacrylate	10.514	69	108483	52.282	ug/l	99
57) 1,3-Dichloropropane	10.794	76	137136	51.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	246737	256.439	ug/l	100
59) 2-Hexanone	10.831	43	260361	248.277	ug/l	100
60) Dibromochloromethane	10.983	129	104286	51.801	ug/l	100
61) 1,2-Dibromoethane	11.087	107	73983	50.806	ug/l	99
64) Tetrachloroethene	10.721	164	102293	47.200	ug/l	99
65) Chlorobenzene	11.520	112	263073	47.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	106585	49.778	ug/l	99
67) Ethyl Benzene	11.593	91	465468	47.862	ug/l	100
68) m/p-Xylenes	11.703	106	359294	96.470	ug/l	99
69) o-Xylene	12.032	106	174635	49.193	ug/l	99
70) Styrene	12.044	104	303092	50.023	ug/l	99
71) Bromoform	12.209	173	65466	49.569	ug/l #	97
73) Isopropylbenzene	12.331	105	468444	47.855	ug/l	100
74) N-amyl acetate	12.142	43	114838	48.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	93624	49.111	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62871m	41.130	ug/l	
77) Bromobenzene	12.611	156	111932	48.974	ug/l	99
78) n-propylbenzene	12.672	91	550473	46.925	ug/l	100
79) 2-Chlorotoluene	12.757	91	320892	47.930	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	397766	48.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31133	46.217	ug/l	99
82) 4-Chlorotoluene	12.855	91	328179	47.260	ug/l	100
83) tert-Butylbenzene	13.074	119	346675	48.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	396086	48.620	ug/l	99
85) sec-Butylbenzene	13.251	105	499791	46.581	ug/l	99
86) p-Isopropyltoluene	13.373	119	424732	47.562	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	220723	47.989	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	217560	47.593	ug/l	99
89) n-Butylbenzene	13.696	91	376224	46.344	ug/l	100
90) Hexachloroethane	13.965	117	83770	47.208	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	201329	48.642	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15884	47.790	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	115712	47.933	ug/l	99
94) Hexachlorobutadiene	15.111	225	69056	45.022	ug/l	99
95) Naphthalene	15.239	128	240268	51.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	101277	48.570	ug/l	99

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

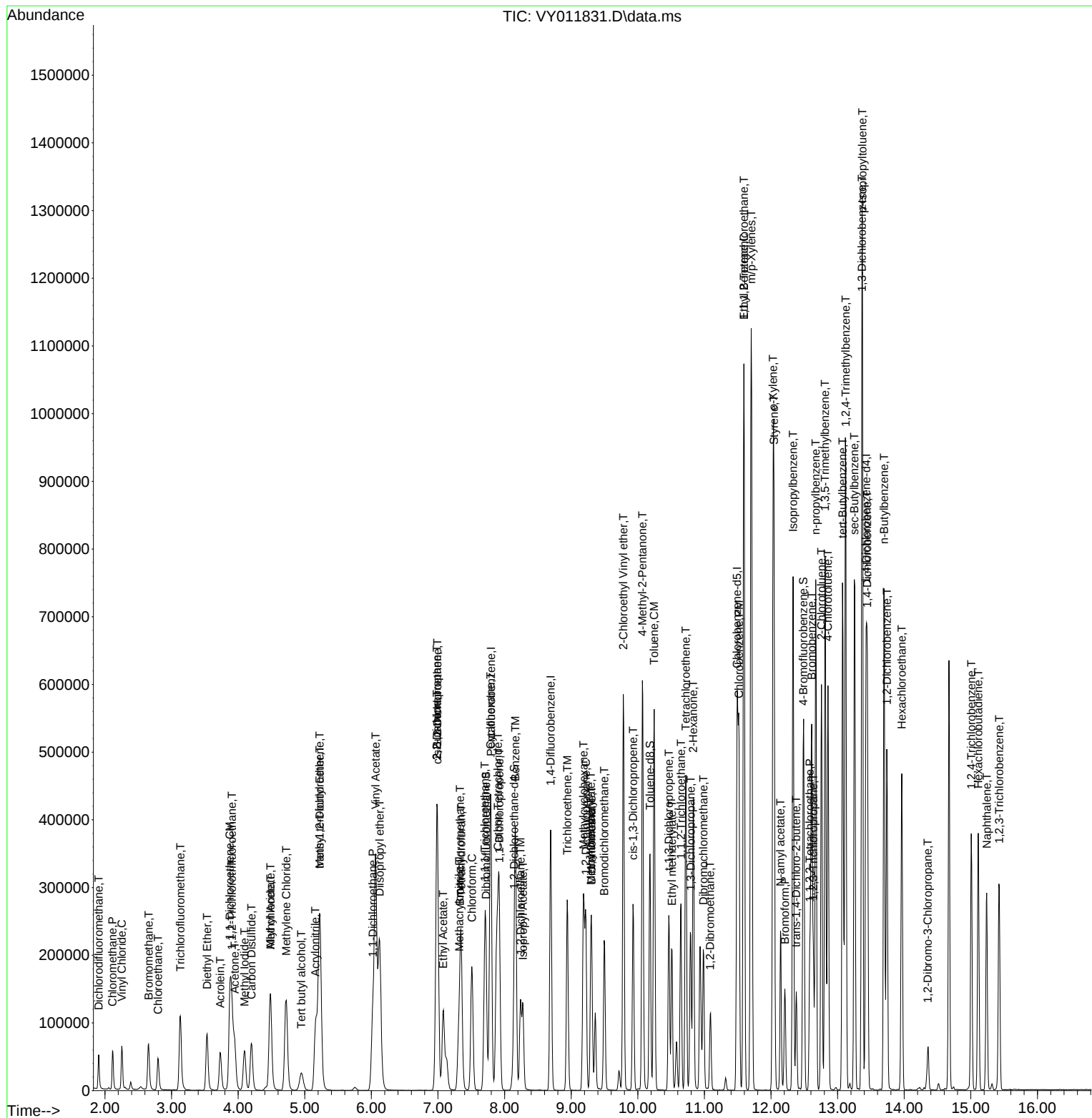
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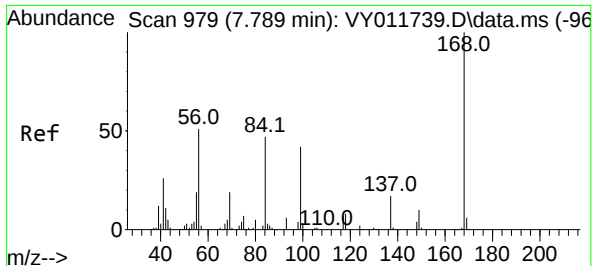
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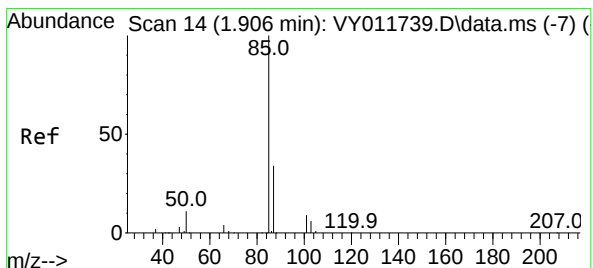
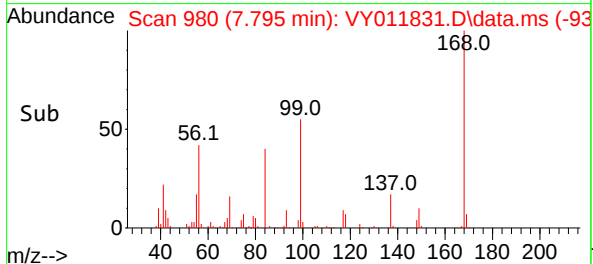
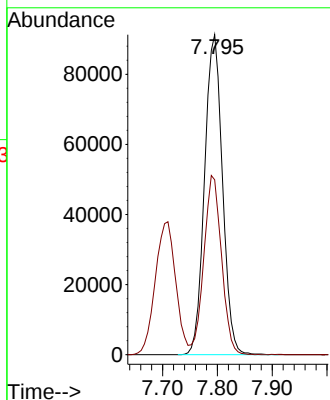
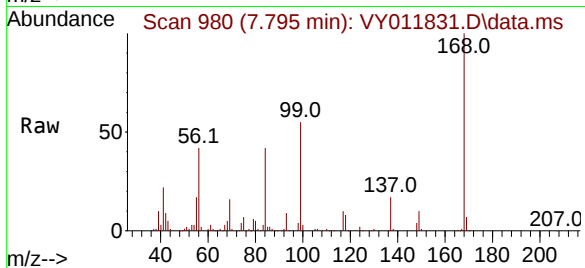
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 20622
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0

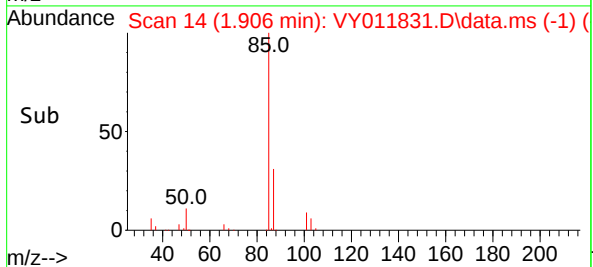
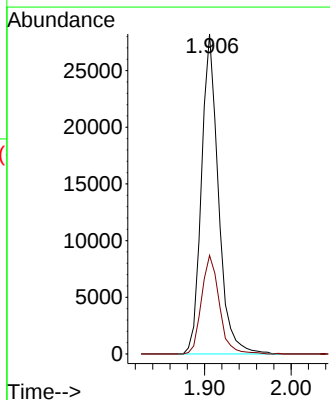
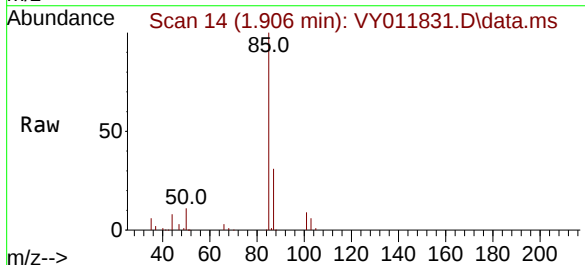
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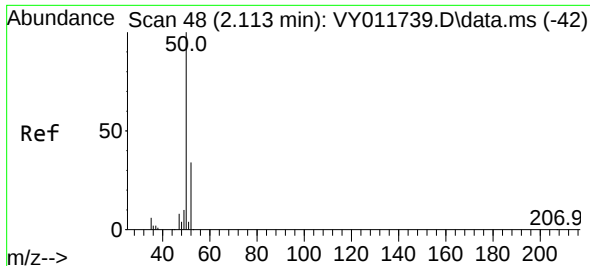
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#2
Dichlorodifluoromethane
Concen: 40.724 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011831.D
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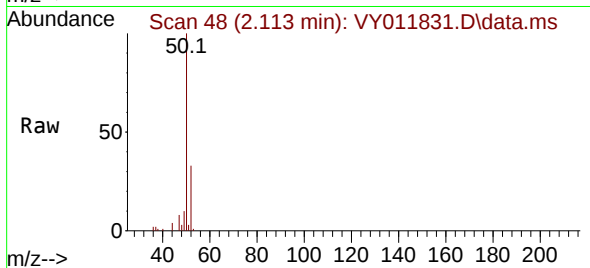
Tgt Ion: 85 Resp: 38379
Ion Ratio Lower Upper
85 100
87 30.8 16.8 50.4





#3
Chloromethane
Concen: 48.421 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

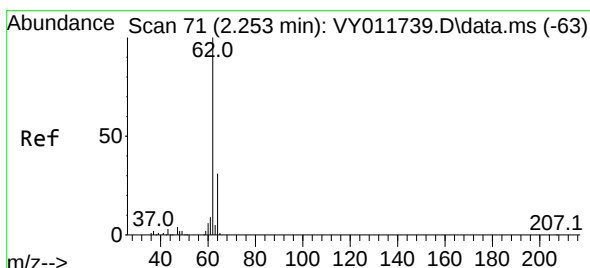
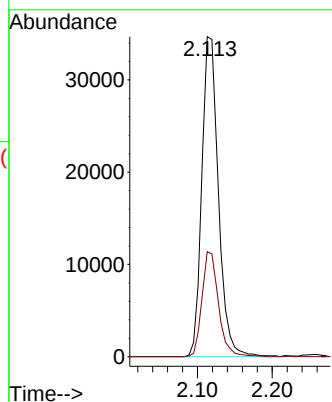
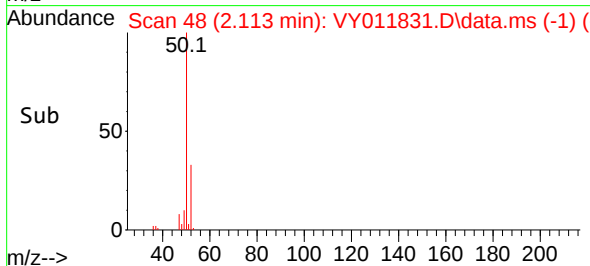
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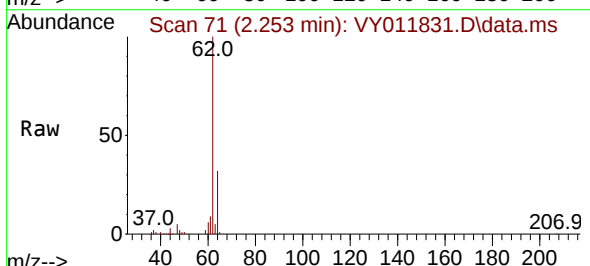
Tgt Ion: 50 Resp: 5354
Ion Ratio Lower Upper
50 100
52 32.8 26.8 40.2

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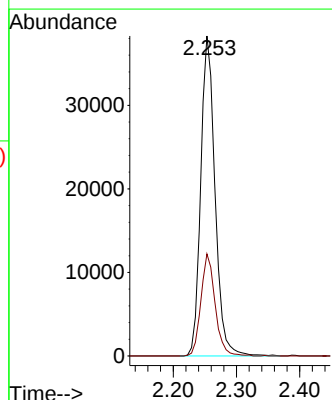
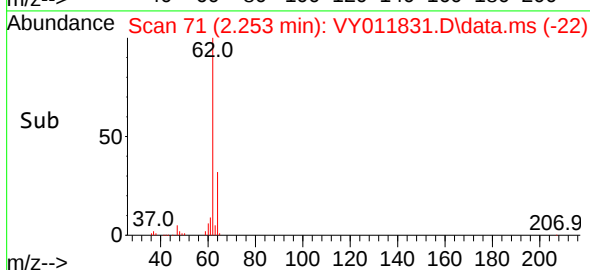
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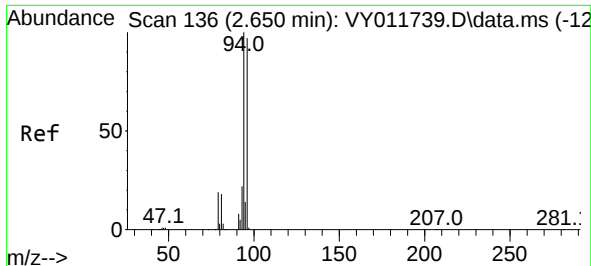


#4
Vinyl Chloride
Concen: 45.387 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



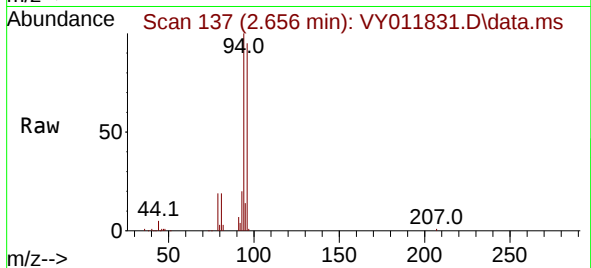
Tgt Ion: 62 Resp: 60269
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#5
Bromomethane
Concen: 53.537 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011831.D
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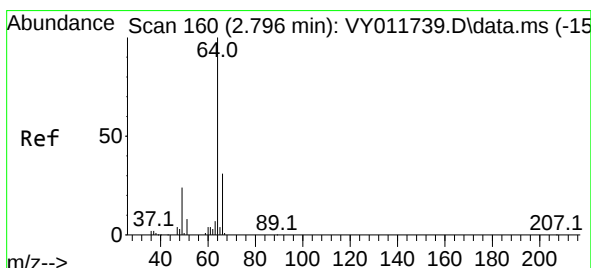
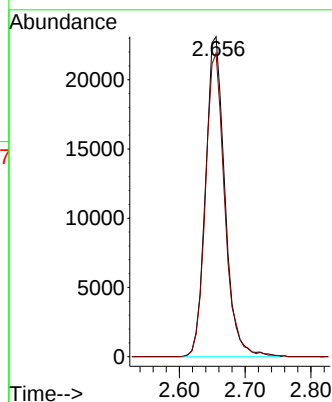
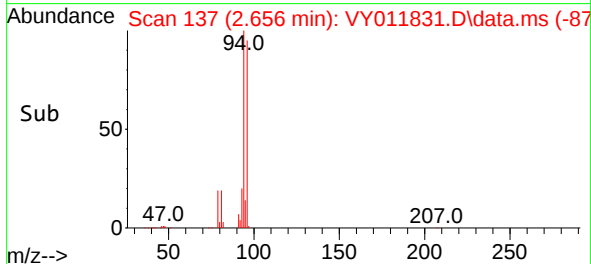
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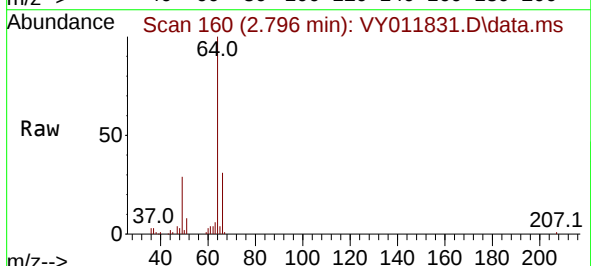
Tgt Ion: 94 Resp: 47134
Ion Ratio Lower Upper
94 100
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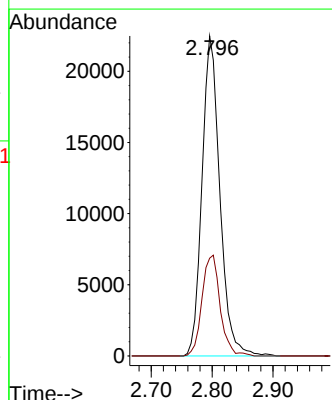
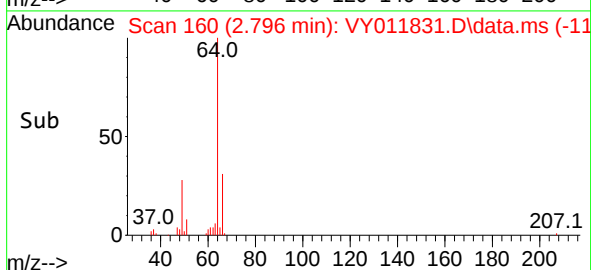
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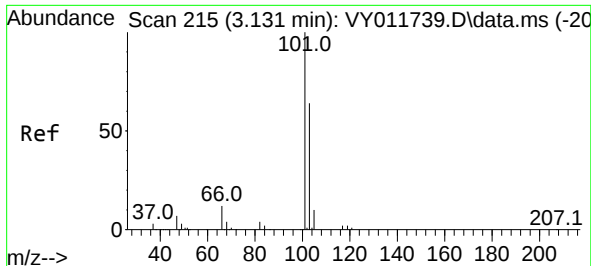


#6
Chloroethane
Concen: 44.810 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011831.D
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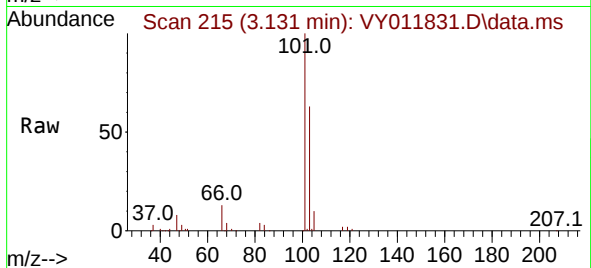
Tgt Ion: 64 Resp: 45823
Ion Ratio Lower Upper
64 100
66 30.6 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 41.634 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY011831.D
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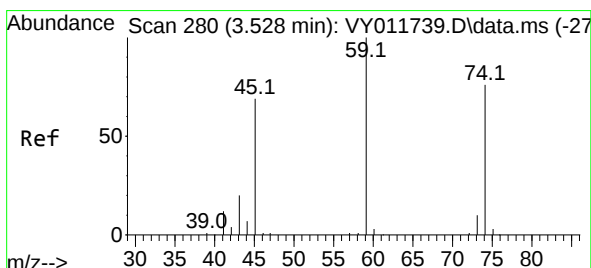
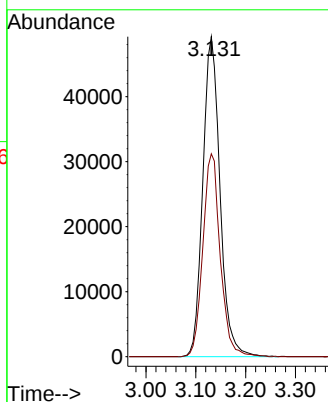
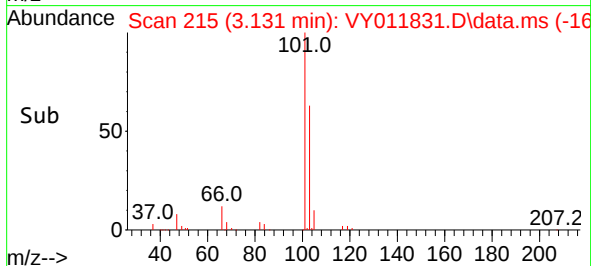
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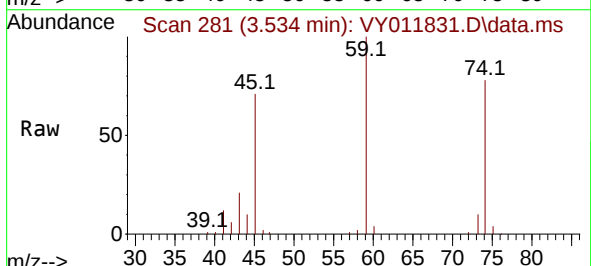
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 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6

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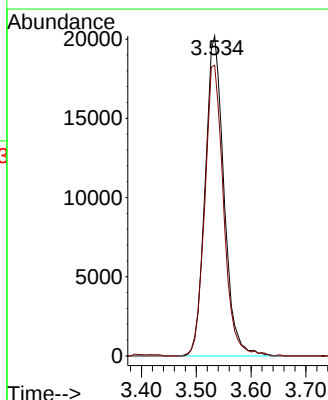
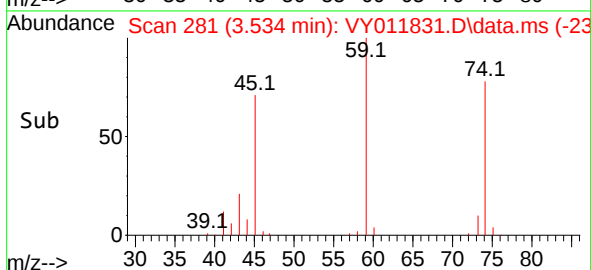
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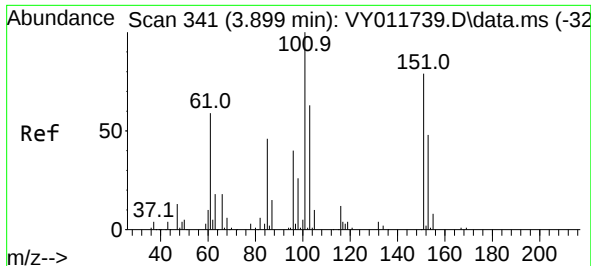


#8
 Diethyl Ether
 Concen: 48.339 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY011831.D
 Acq: 14 Dec 2022 06:54



Tgt Ion: 74 Resp: 47998
 Ion Ratio Lower Upper
 74 100
 45 91.0 46.8 140.3





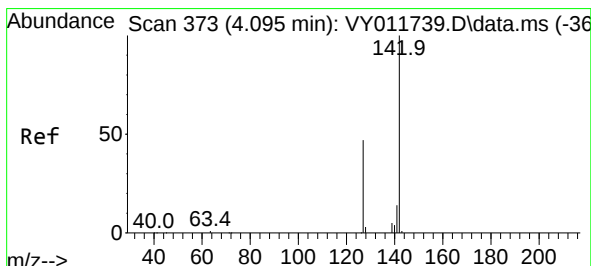
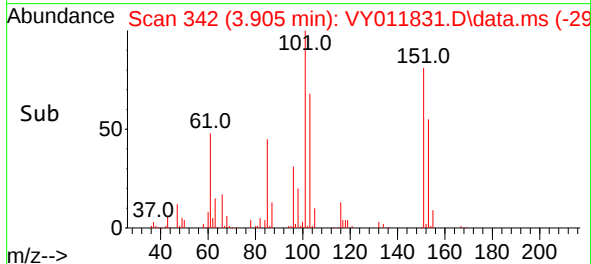
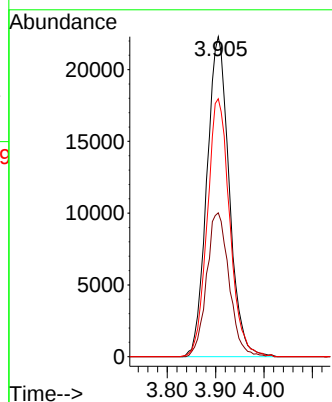
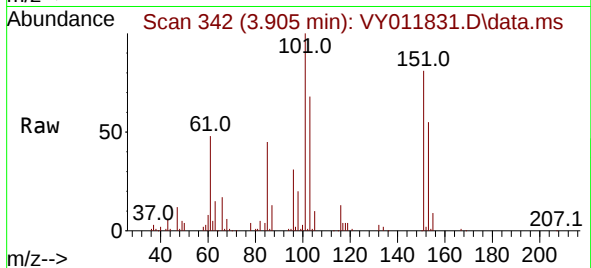
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.269 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 71530
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.2
151 81.0 64.2 96.2

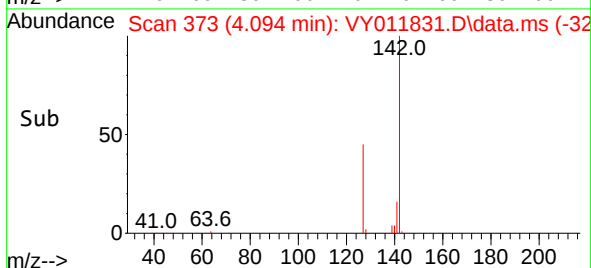
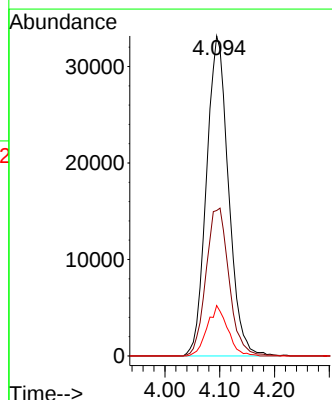
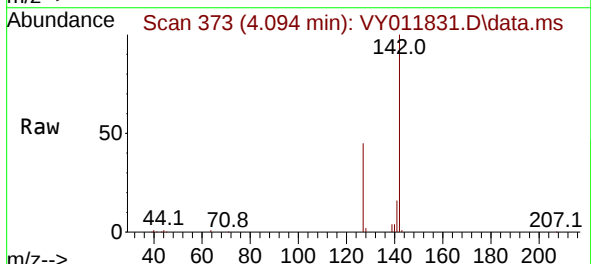
Manual Integrations
APPROVED

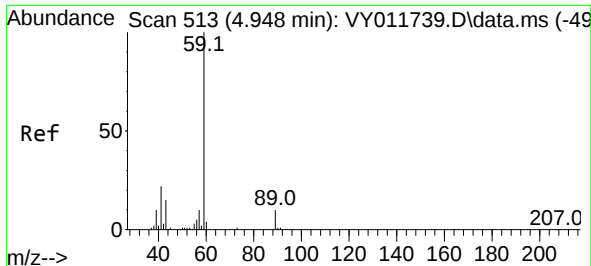
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 46.720 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:142 Resp: 92568
Ion Ratio Lower Upper
142 100
127 48.3 37.0 55.4
141 14.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 297.610 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 49378

Ion Ratio Lower Upper

59 100

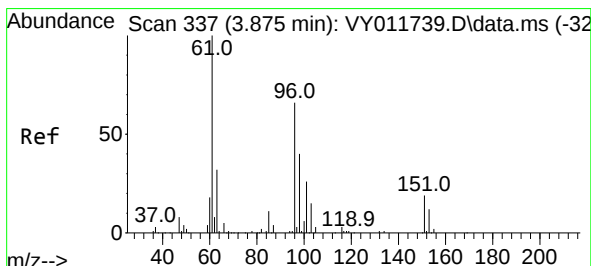
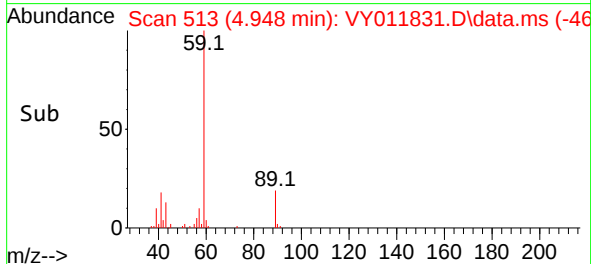
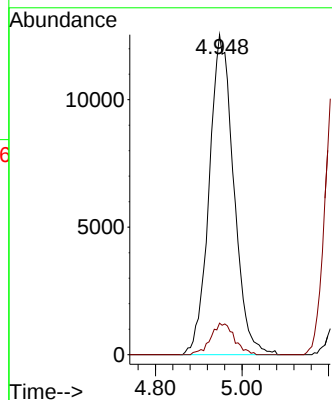
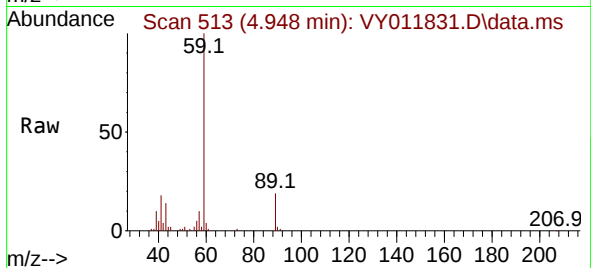
57 9.5 7.4 11.2

Manual Integrations

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Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#12

1,1-Dichloroethene

Concen: 43.646 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

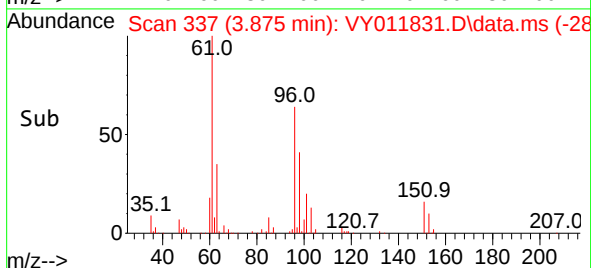
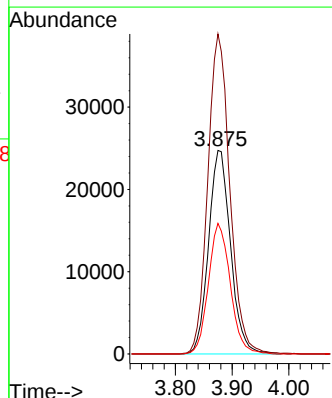
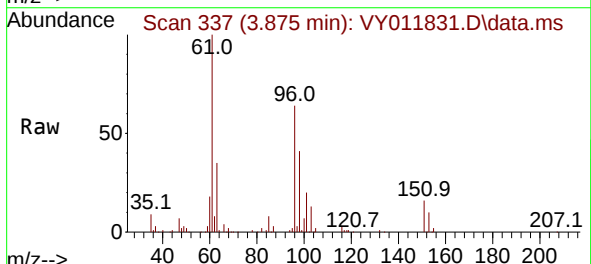
Tgt Ion: 96 Resp: 66612

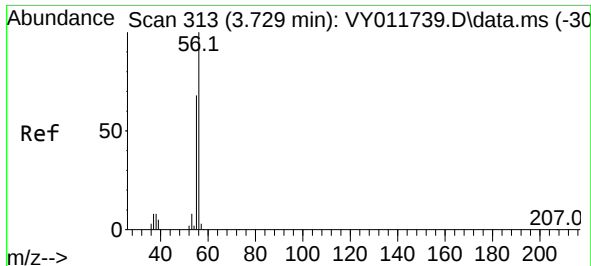
Ion Ratio Lower Upper

96 100

61 157.2 122.0 183.0

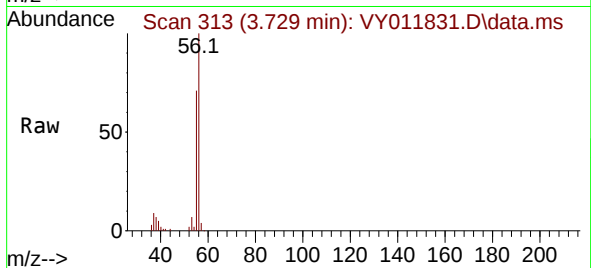
98 64.1 48.6 73.0





#13
Acrolein
Concen: 234.973 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

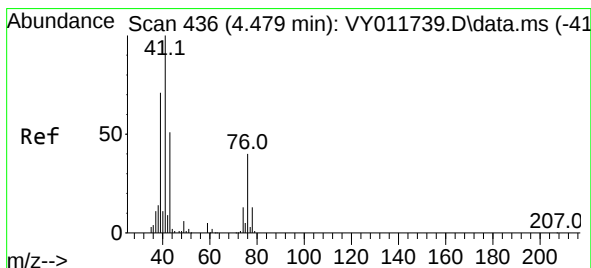
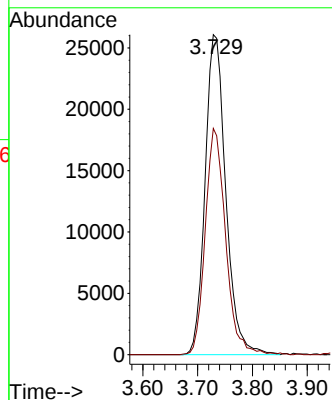
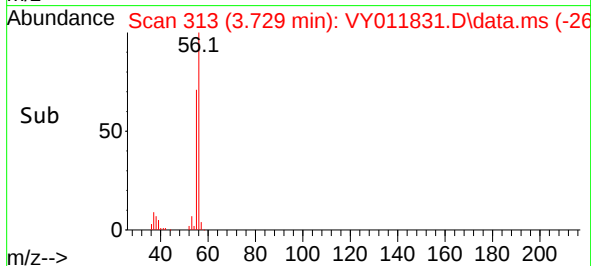
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



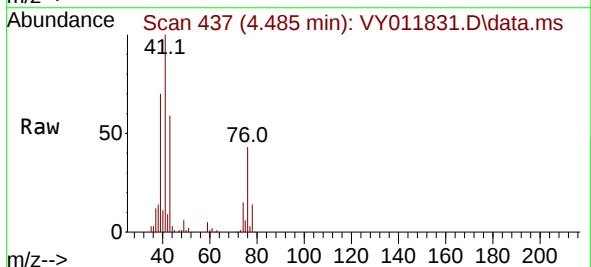
Tgt Ion: 56 Resp: 68309
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

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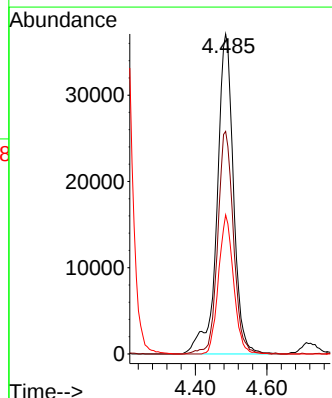
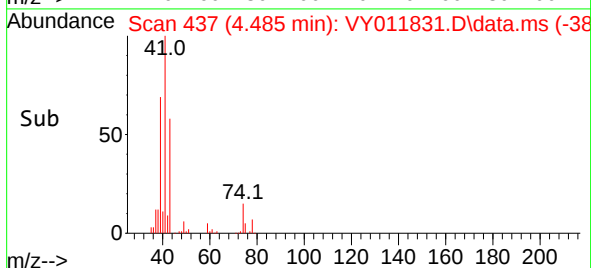
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

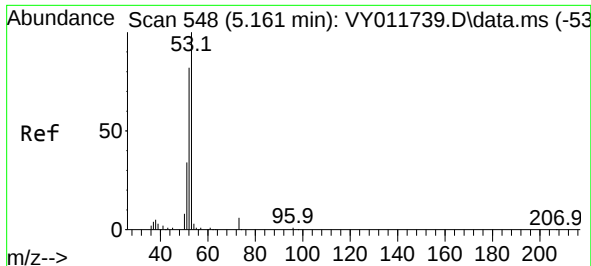


#14
Allyl chloride
Concen: 46.588 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



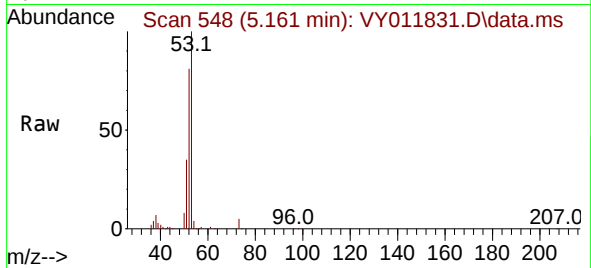
Tgt Ion: 41 Resp: 118105
Ion Ratio Lower Upper
41 100
39 66.8 53.5 80.3
76 39.7 31.1 46.7





#15
Acrylonitrile
Concen: 255.864 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

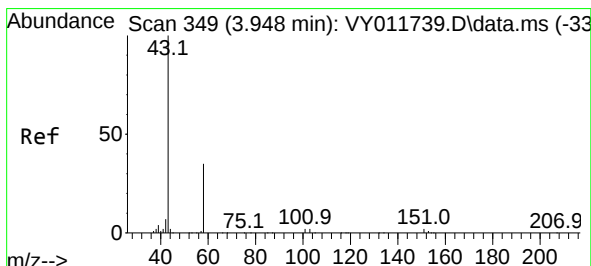
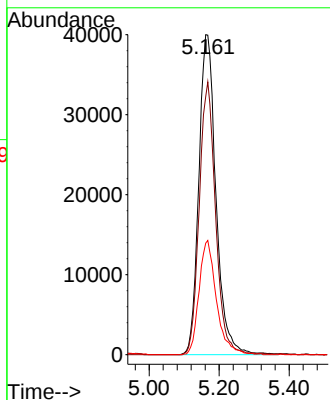
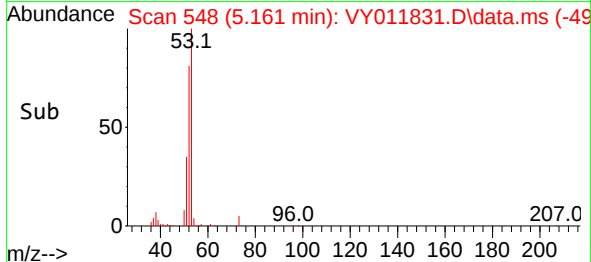
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



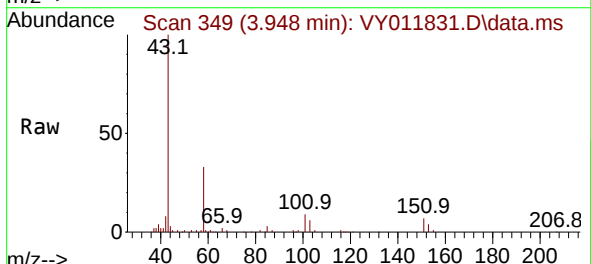
Tgt Ion: 53 Resp: 136360
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 36.2 28.7 43.1

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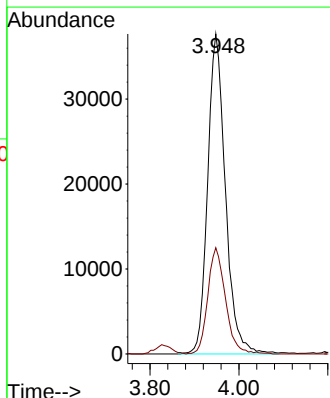
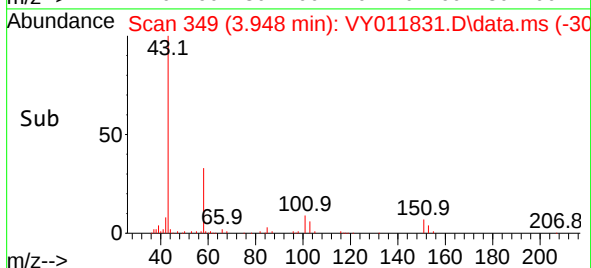
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

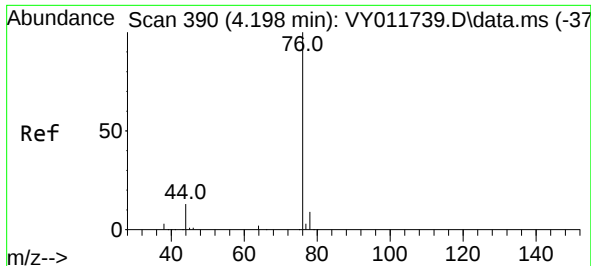


#16
Acetone
Concen: 185.809 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



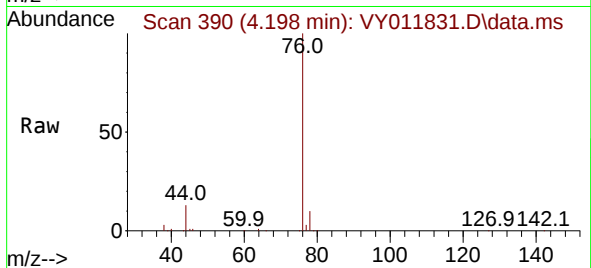
Tgt Ion: 43 Resp: 104628
Ion Ratio Lower Upper
43 100
58 33.2 27.9 41.9





#17
Carbon Disulfide
Concen: 41.179 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

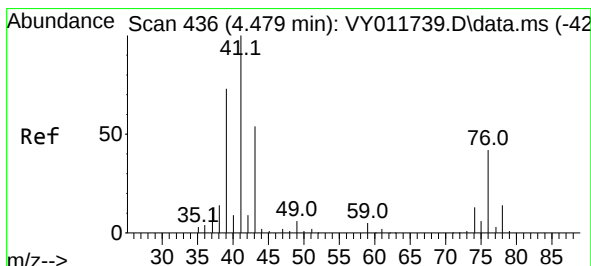
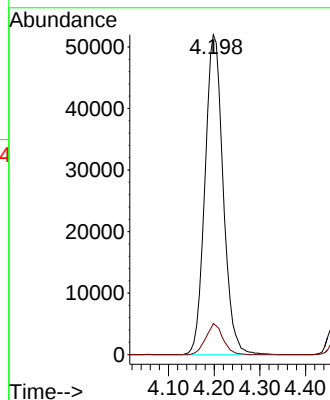
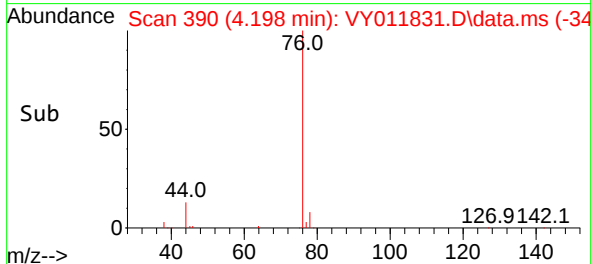
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



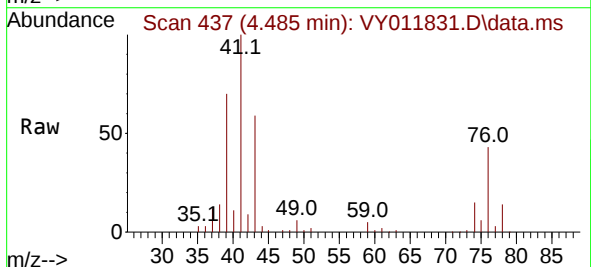
Tgt Ion: 76 Resp: 14352
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
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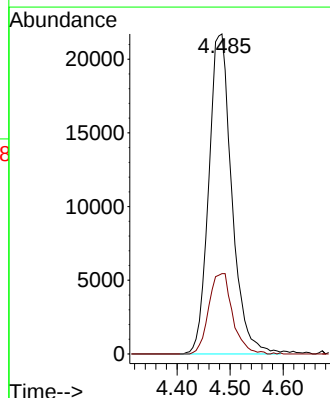
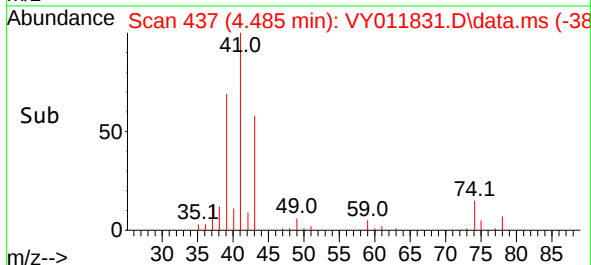
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

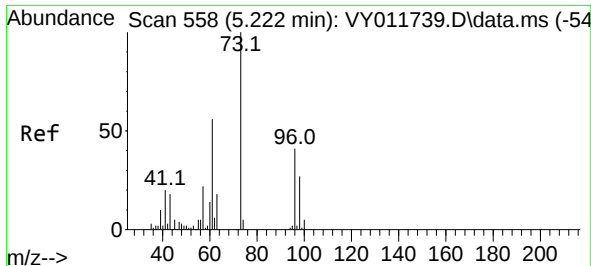


#18
Methyl Acetate
Concen: 48.842 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion: 43 Resp: 65546
Ion Ratio Lower Upper
43 100
74 25.9 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 52.019 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 248570

Ion Ratio Lower Upper

73 100

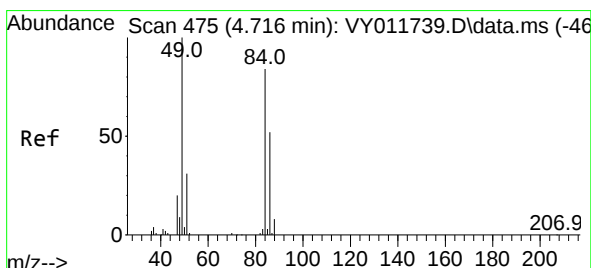
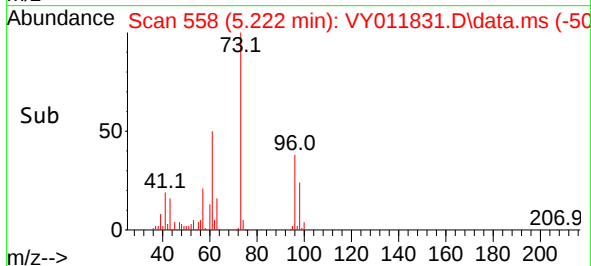
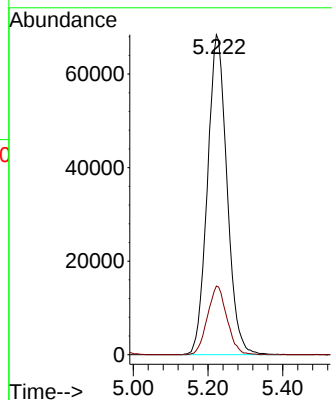
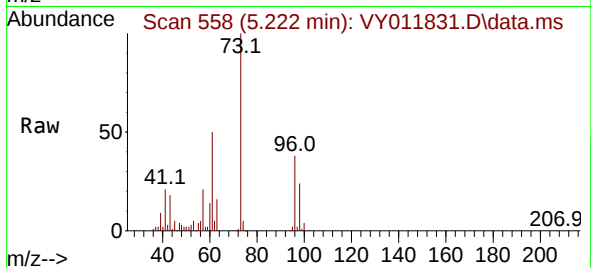
57 21.5 17.4 26.0

Manual Integrations

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Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#20

Methylene Chloride

Concen: 54.213 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Tgt Ion: 84 Resp: 107678

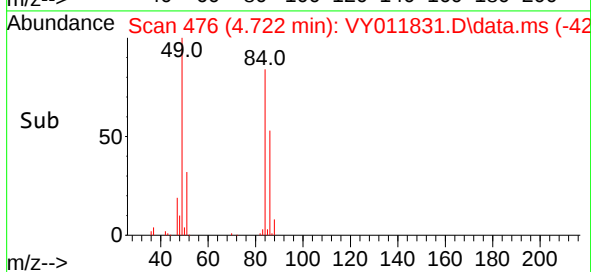
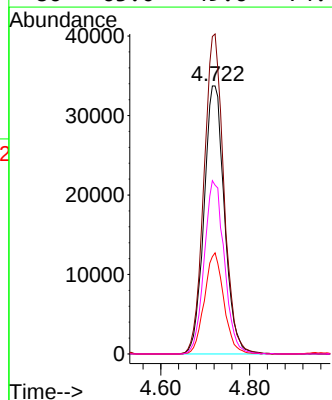
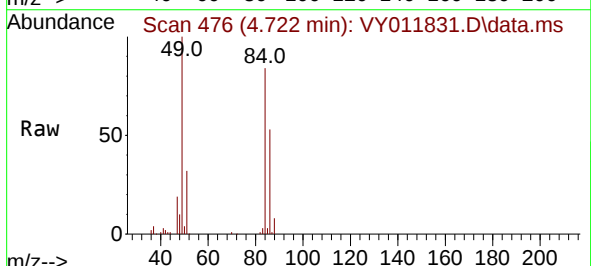
Ion Ratio Lower Upper

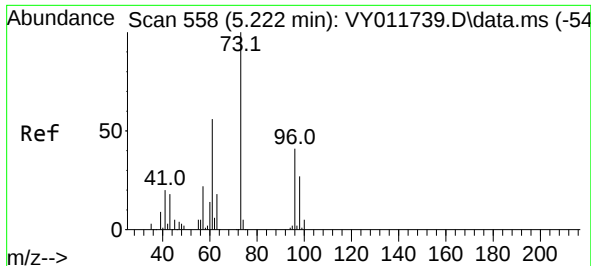
84 100

49 119.4 95.4 143.2

51 37.7 29.9 44.9

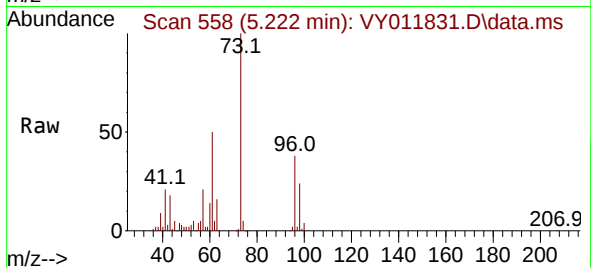
86 63.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 47.039 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

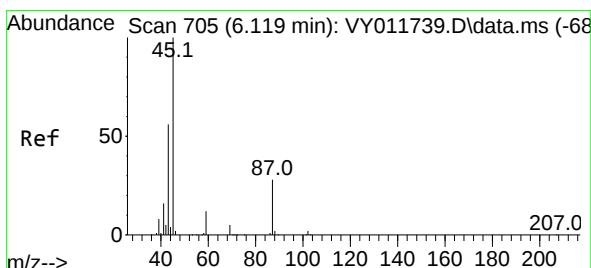
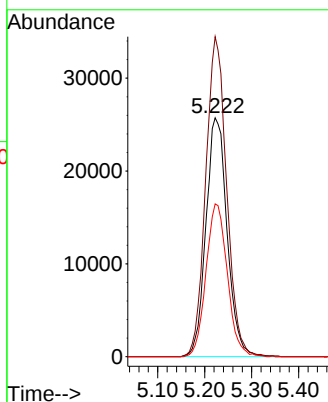
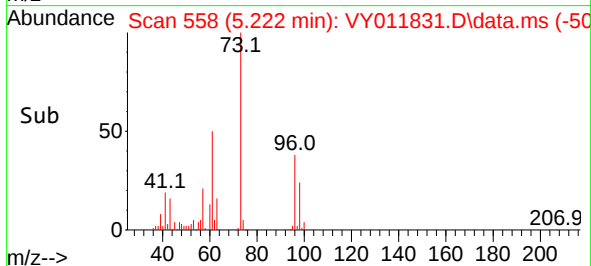
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



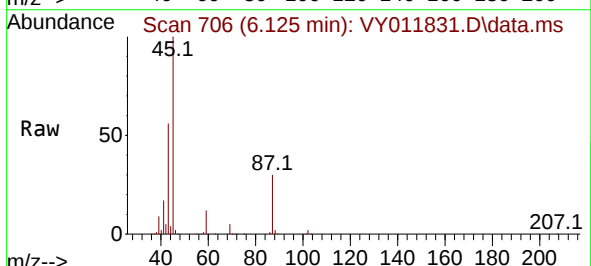
Tgt Ion: 96 Resp: 8068
Ion Ratio Lower Upper
96 100
61 133.9 108.0 162.0
98 63.9 51.6 77.4

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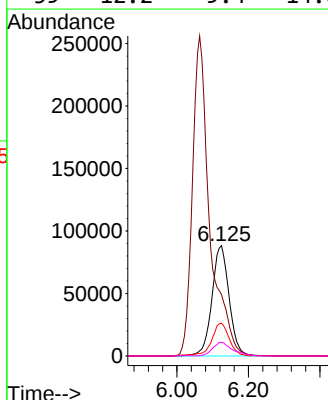
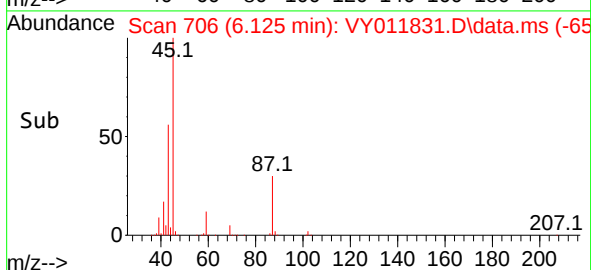
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

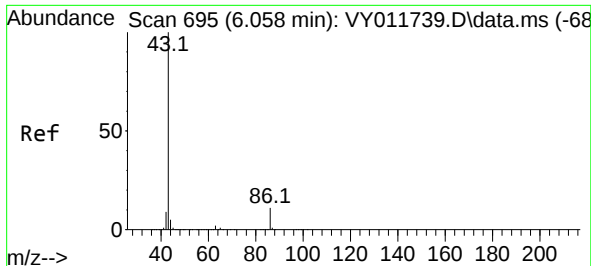


#22
Diisopropyl ether
Concen: 53.300 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



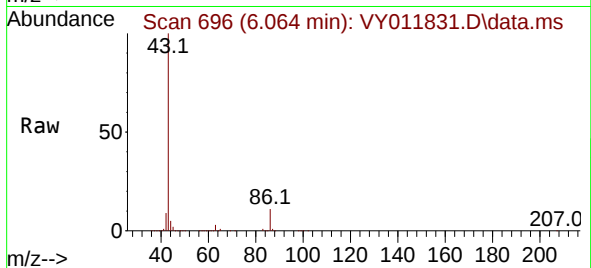
Tgt Ion: 45 Resp: 294804
Ion Ratio Lower Upper
45 100
43 55.3 45.0 67.4
87 29.6 22.6 33.8
59 12.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 273.858 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011831.D
 Acq: 14 Dec 2022 06:54

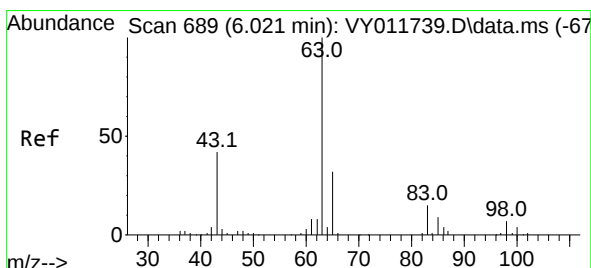
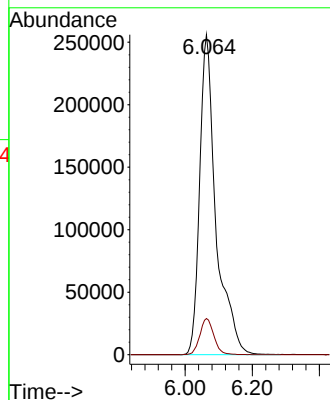
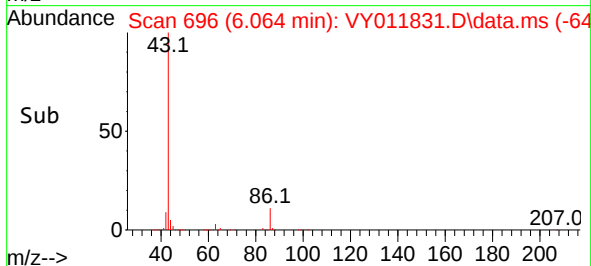
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 86414
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4

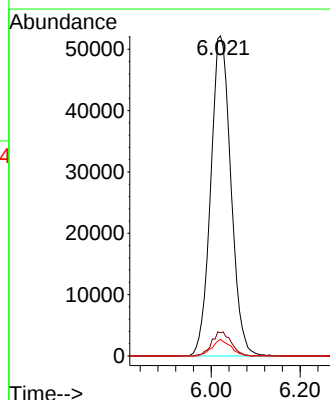
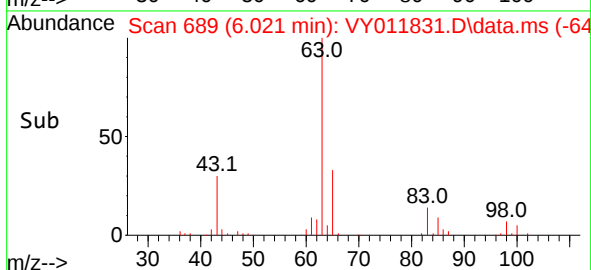
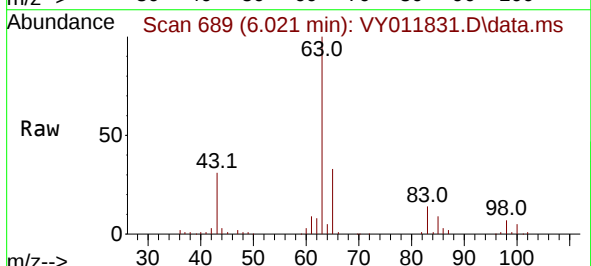
Manual Integrations
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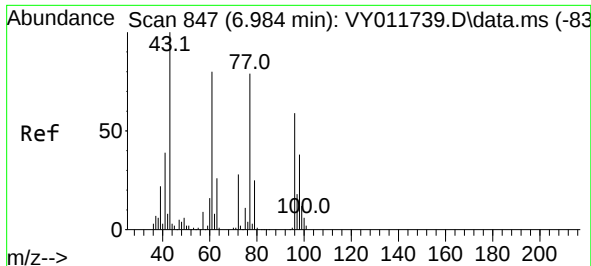
Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 49.013 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011831.D
 Acq: 14 Dec 2022 06:54

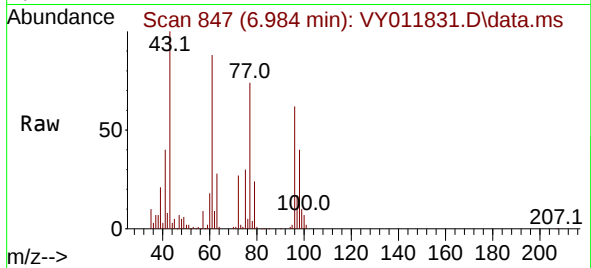
Tgt Ion: 63 Resp: 164737
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 5.2 2.2 6.6





#25
2-Butanone
Concen: 228.918 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

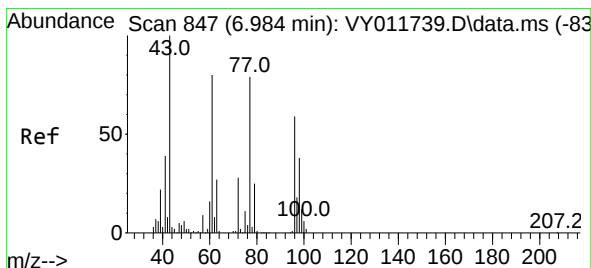
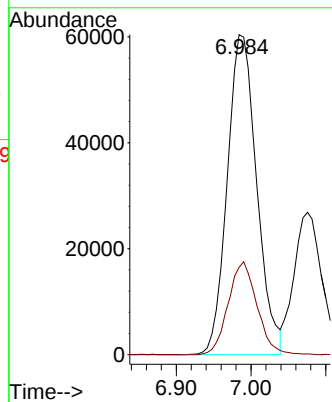
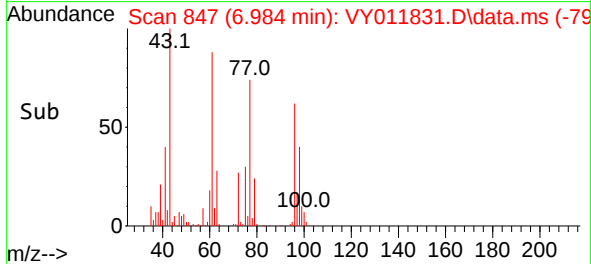
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



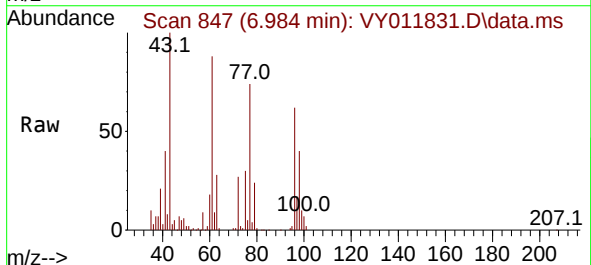
Tgt Ion: 43 Resp: 165808
Ion Ratio Lower Upper
43 100
72 27.3 22.6 34.0

Manual Integrations
APPROVED

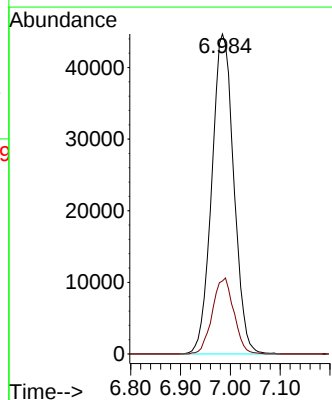
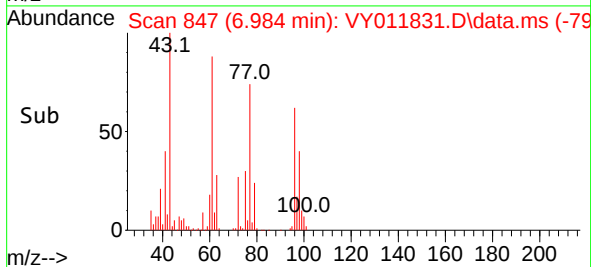
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

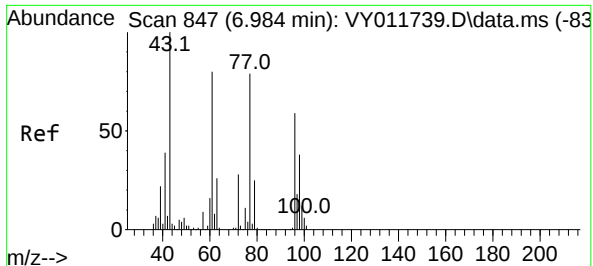


#26
2,2-Dichloropropane
Concen: 43.347 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion: 77 Resp: 137072
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.911 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10463

Ion Ratio Lower Upper

96 100

61 140.2 0.0 283.4

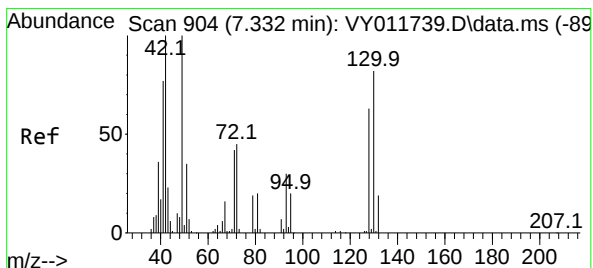
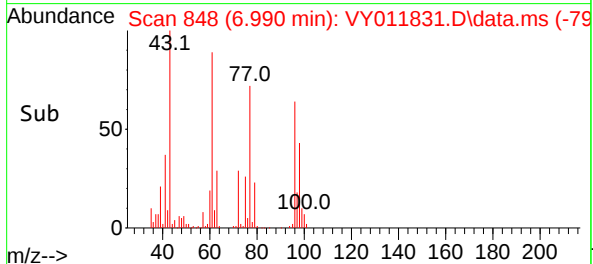
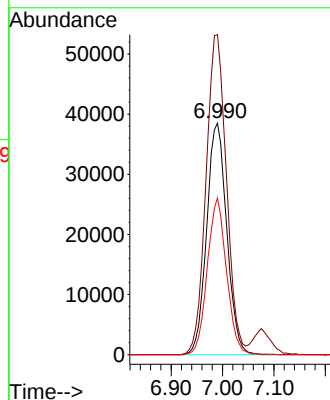
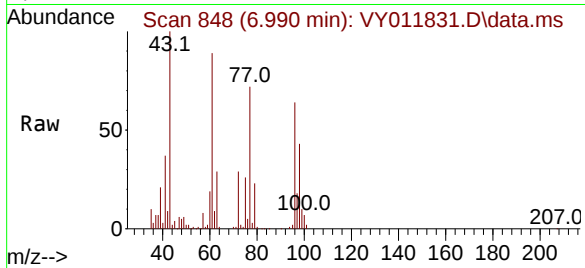
98 64.4 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#28

Bromochloromethane

Concen: 52.131 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

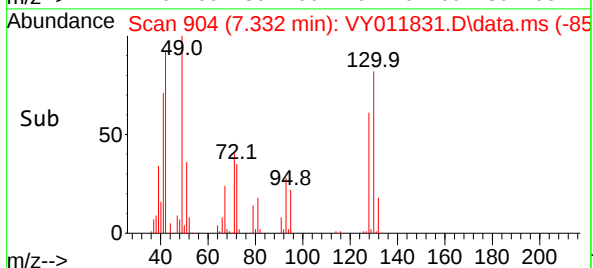
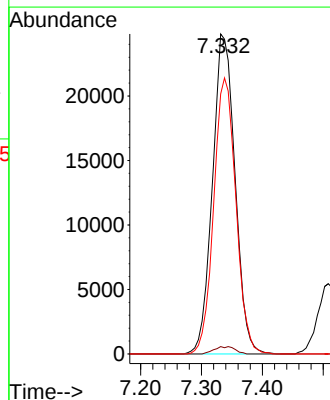
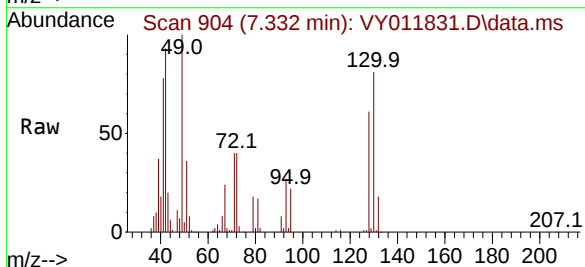
Tgt Ion: 49 Resp: 63790

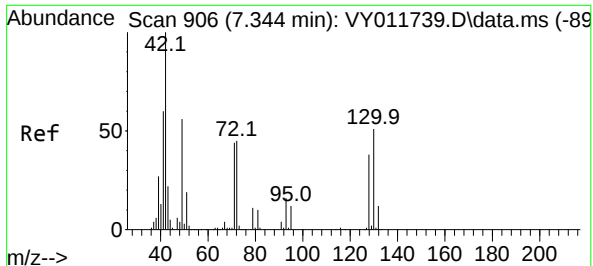
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.7 66.7 100.1





#29

Tetrahydrofuran

Concen: 259.558 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 107000

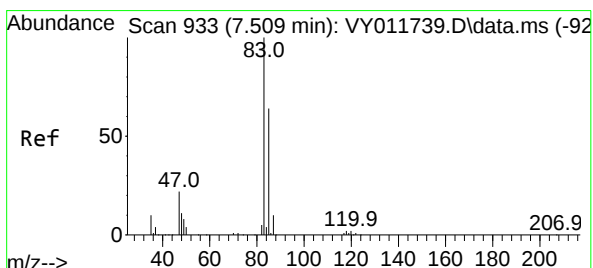
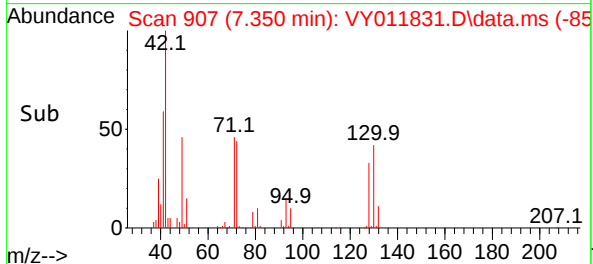
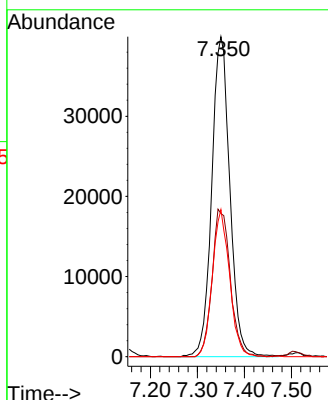
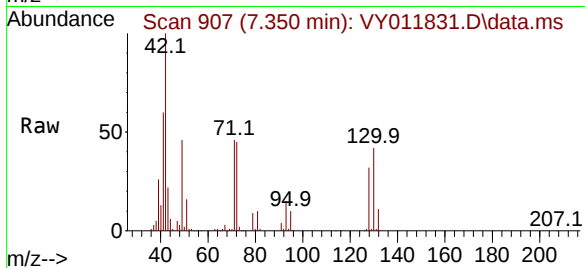
Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.0	55.6
71	43.6	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 51.233 ug/l

RT: 7.508 min Scan# 933

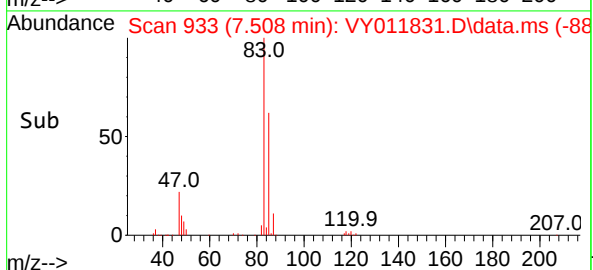
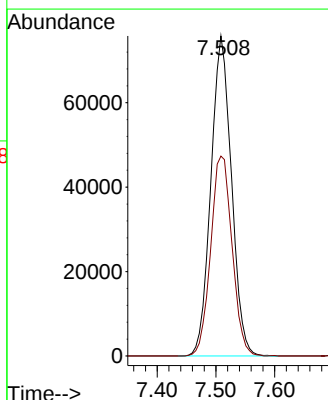
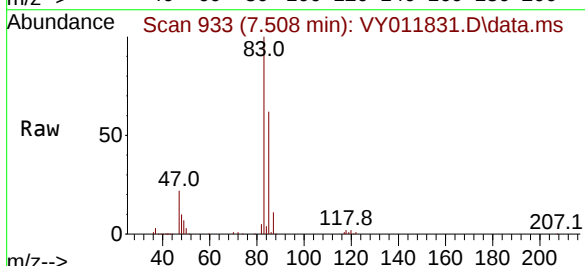
Delta R.T. -0.000 min

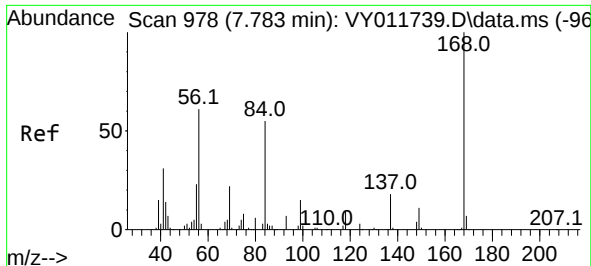
Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Tgt Ion: 83 Resp: 184095

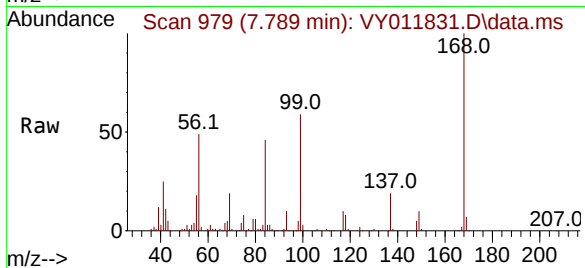
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3





#31
Cyclohexane
Concen: 44.285 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

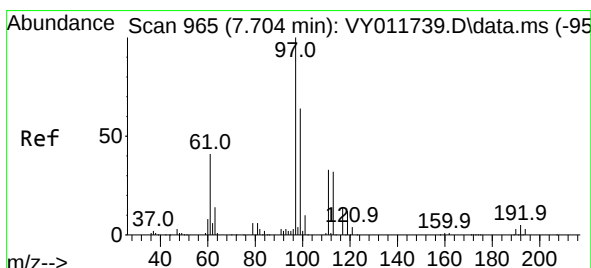
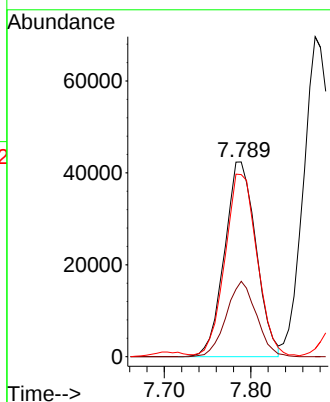
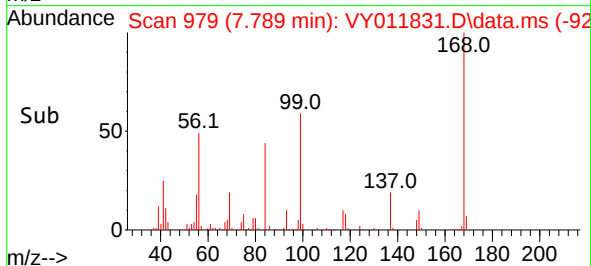
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 107204
Ion Ratio Lower Upper
56 100
69 38.7 29.2 43.8
84 91.2 72.6 108.8

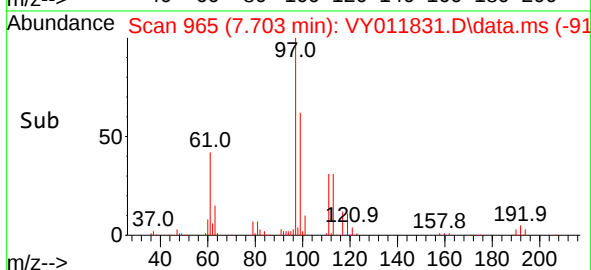
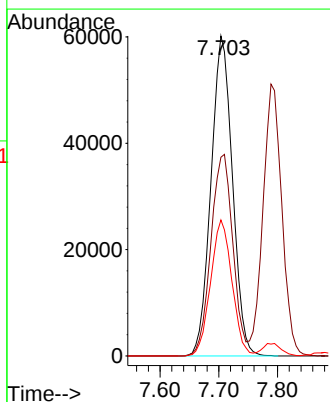
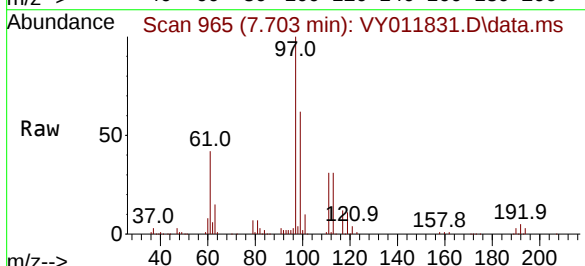
Manual Integrations
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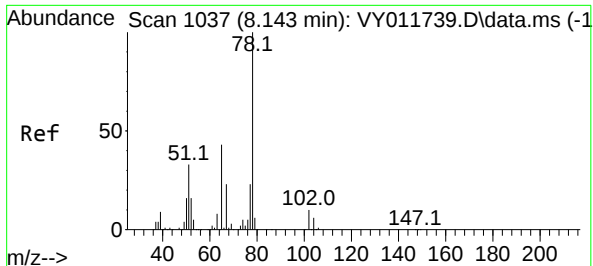
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#32
1,1,1-Trichloroethane
Concen: 47.608 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion: 97 Resp: 152563
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 52.047 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 72960

Ion Ratio Lower Upper

65 100

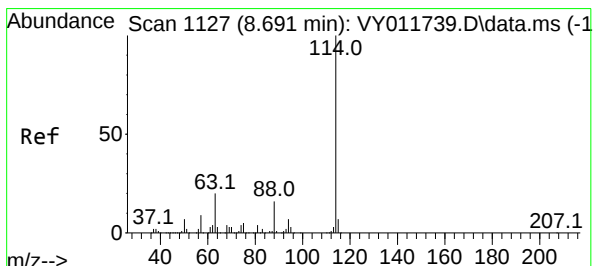
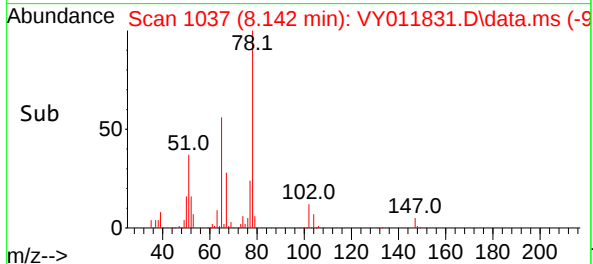
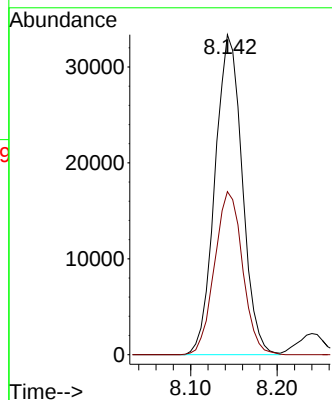
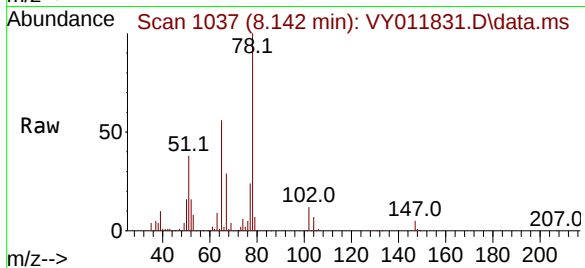
67 52.3 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

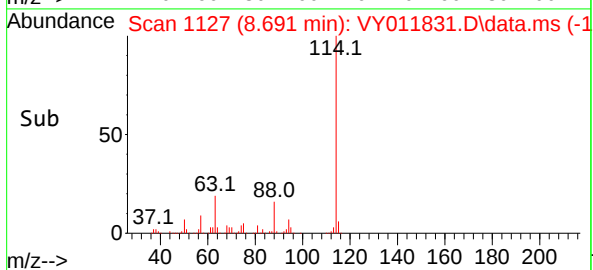
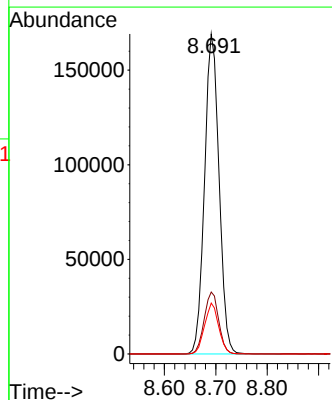
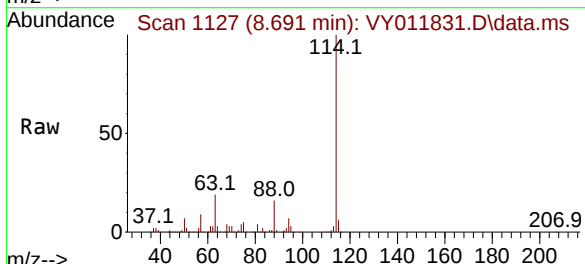
Tgt Ion:114 Resp: 331116

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

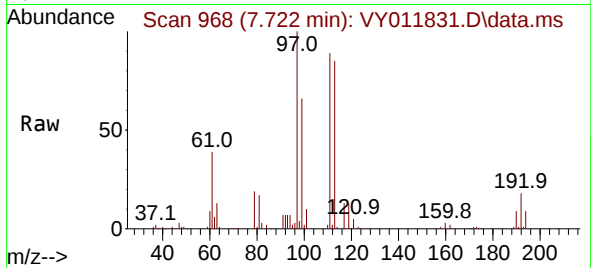
88 15.9 0.0 32.2





#35
Dibromofluoromethane
Concen: 51.873 ug/l
RT: 7.722 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

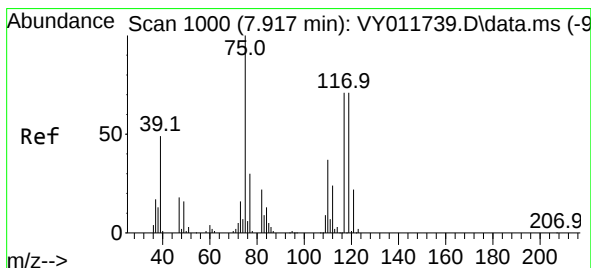
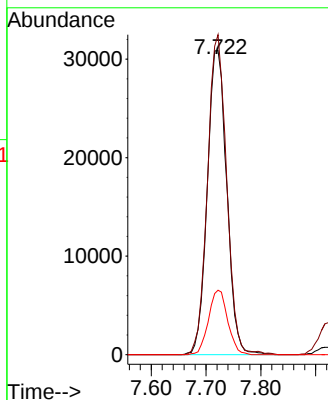
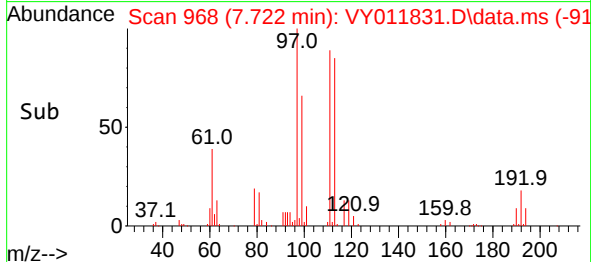
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 76098
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.4
192 20.8 16.0 24.0

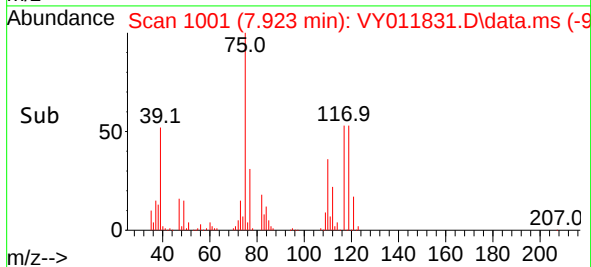
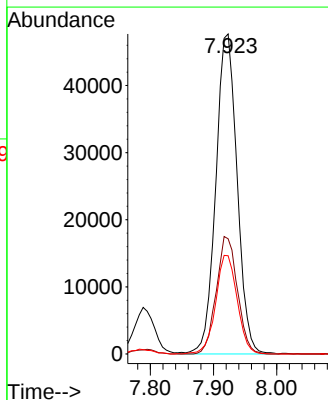
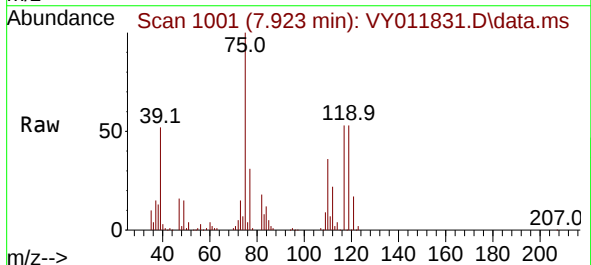
Manual Integrations
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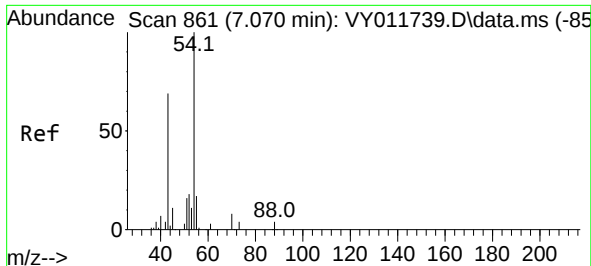
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#36
1,1-Dichloropropene
Concen: 44.345 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

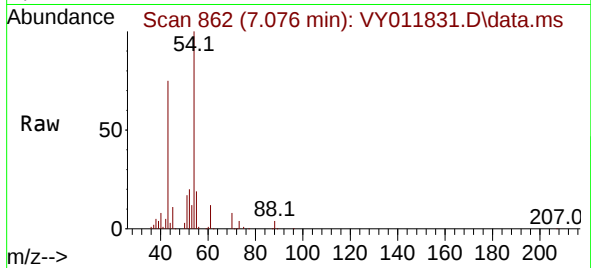
Tgt Ion: 75 Resp: 111424
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.1
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 49.665 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

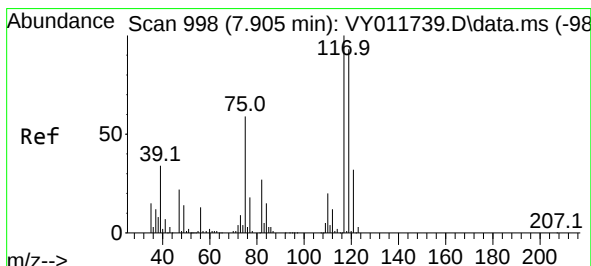
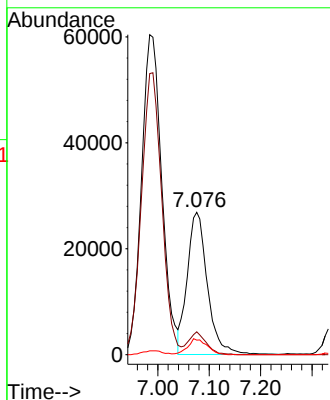
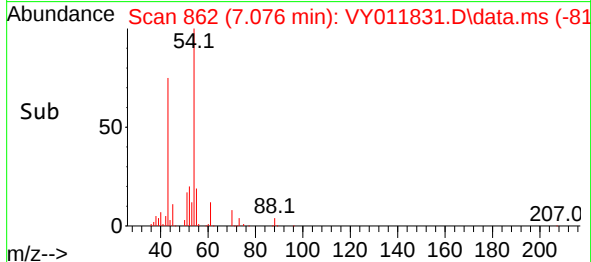
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 72958
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.7 8.2 12.4

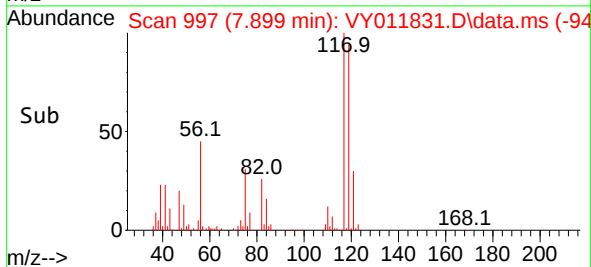
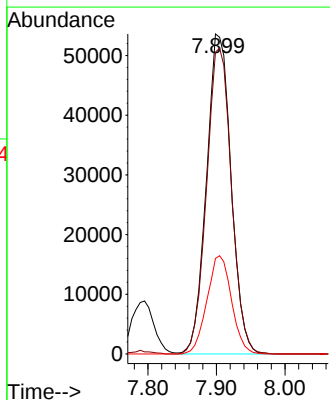
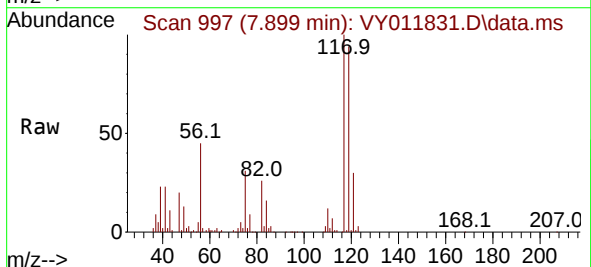
Manual Integrations
APPROVED

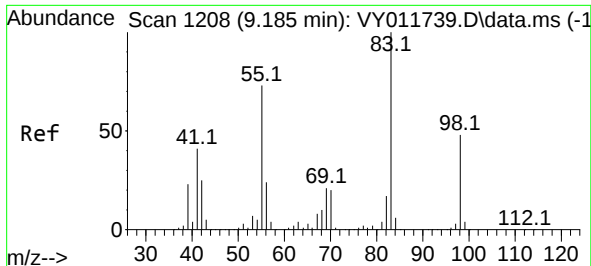
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#38
Carbon Tetrachloride
Concen: 45.399 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:117 Resp: 133995
Ion Ratio Lower Upper
117 100
119 94.4 73.8 110.8
121 29.8 25.2 37.8





#39

Methylcyclohexane

Concen: 42.046 ug/l

RT: 9.185 min Scan# 11887

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11887

Ion Ratio Lower Upper

83 100

55 74.6 58.2 87.2

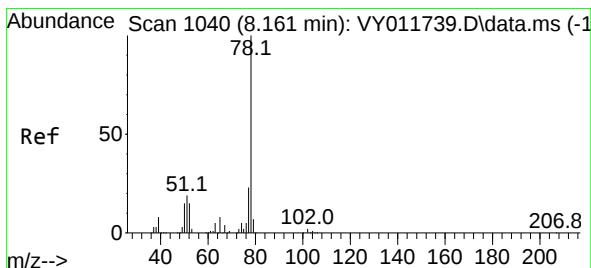
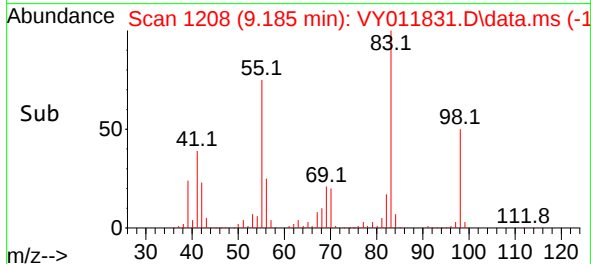
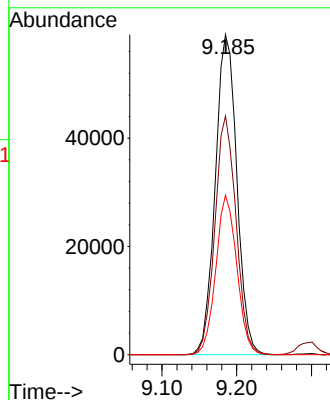
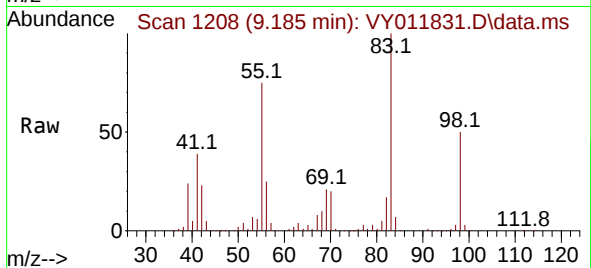
98 49.8 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 48.316 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011831.D

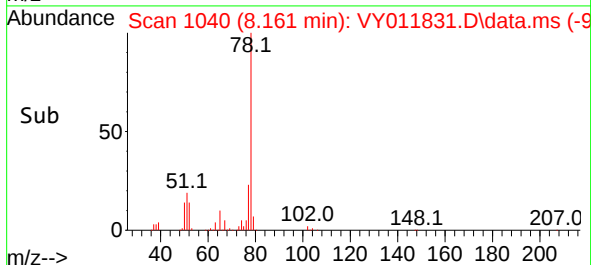
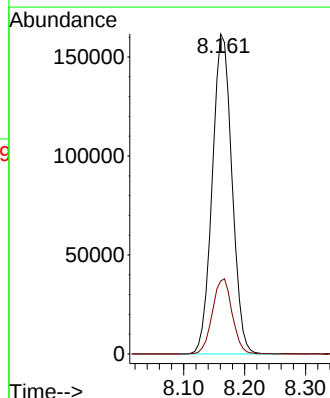
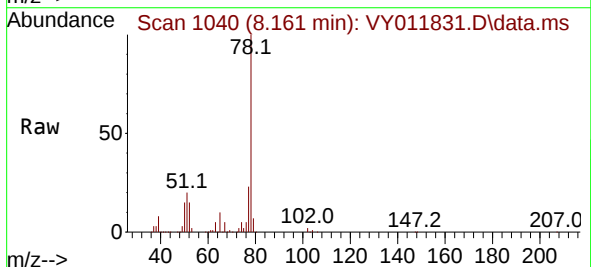
Acq: 14 Dec 2022 06:54

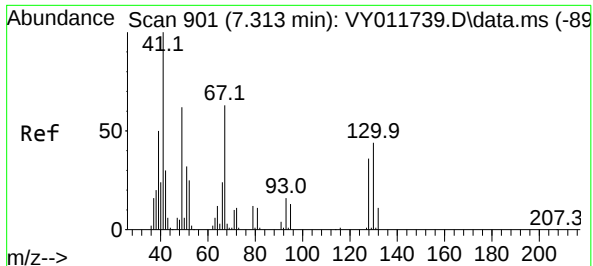
Tgt Ion: 78 Resp: 362683

Ion Ratio Lower Upper

78 100

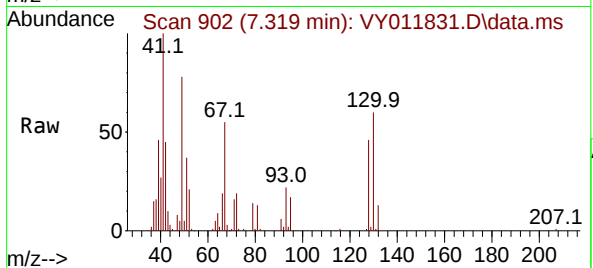
77 22.8 18.6 27.8





#41
Methacrylonitrile
Concen: 49.806 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

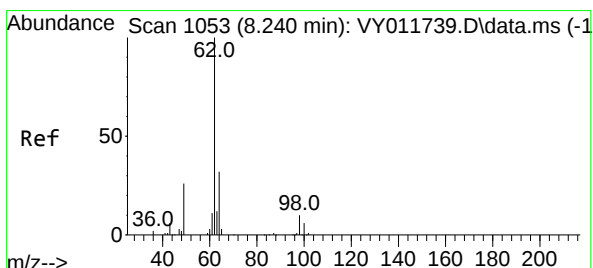
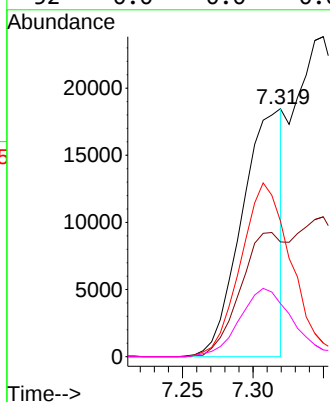
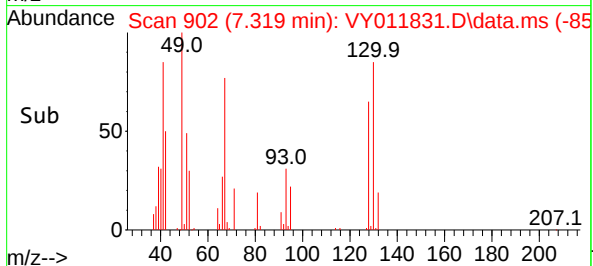
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3693
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

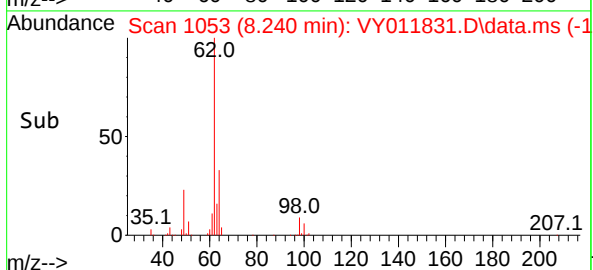
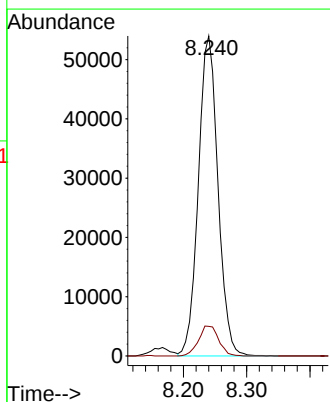
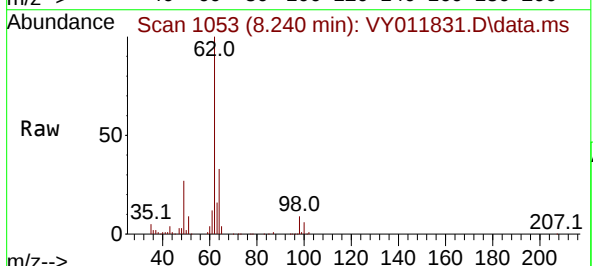
Manual Integrations
APPROVED

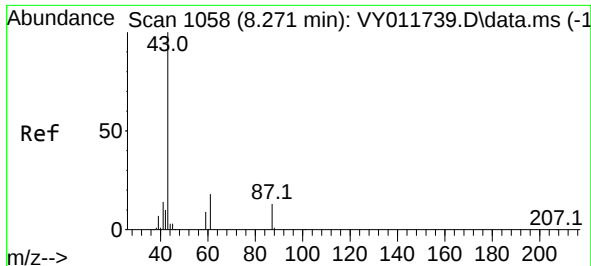
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 50.139 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

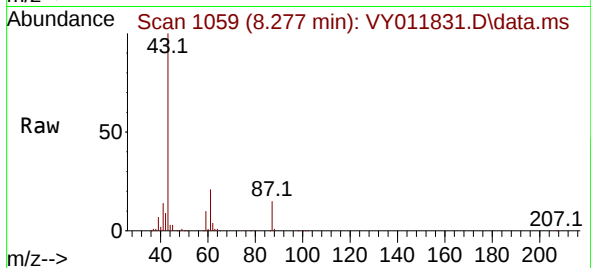
Tgt Ion: 62 Resp: 116386
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.315 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

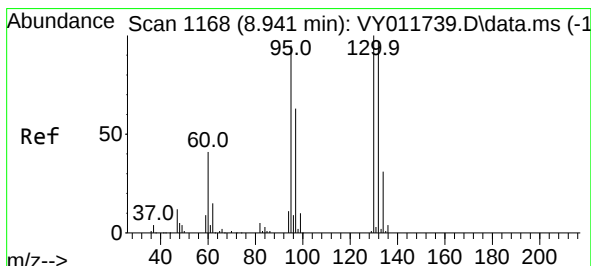
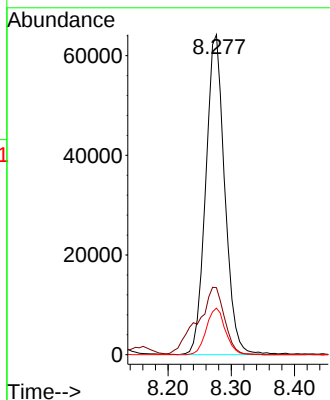
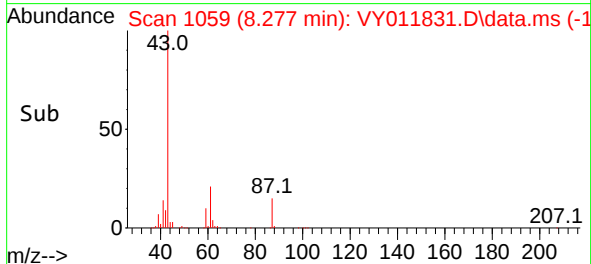
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 134024
Ion Ratio Lower Upper
43 100
61 29.9 24.4 36.6
87 14.6 11.4 17.2

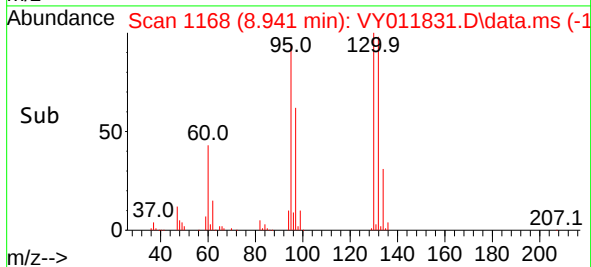
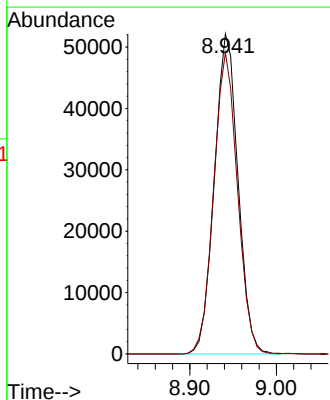
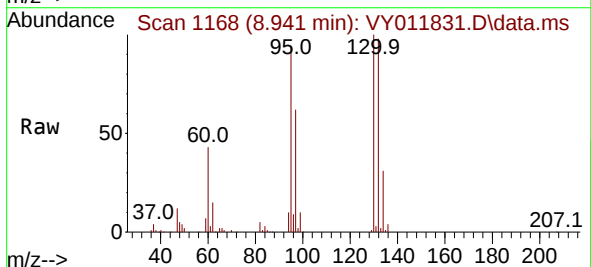
Manual Integrations
APPROVED

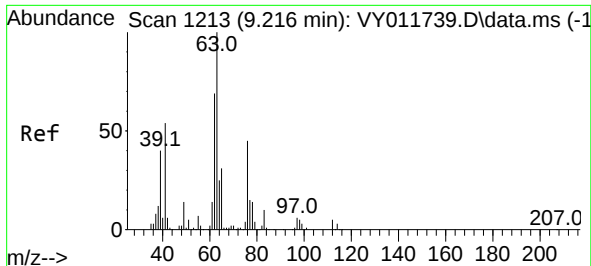
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#44
Trichloroethene
Concen: 46.930 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:130 Resp: 98661
Ion Ratio Lower Upper
130 100
95 94.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.725 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 96600

Ion Ratio Lower Upper

63 100

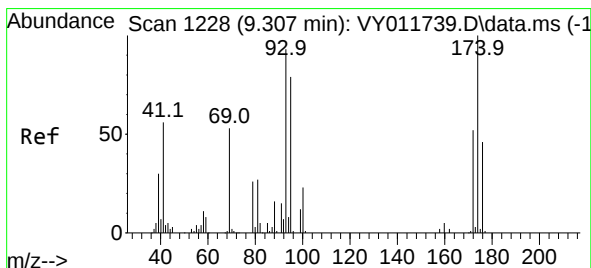
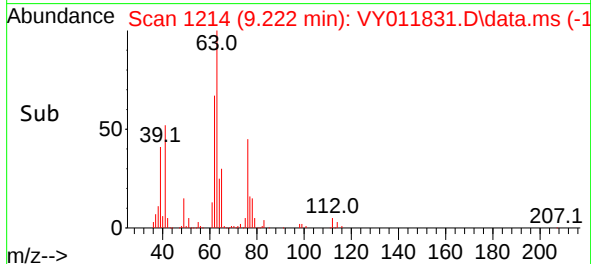
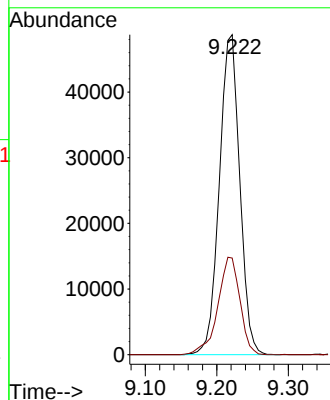
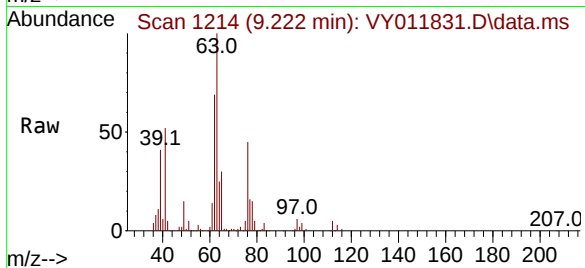
65 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#46

Dibromomethane

Concen: 48.953 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

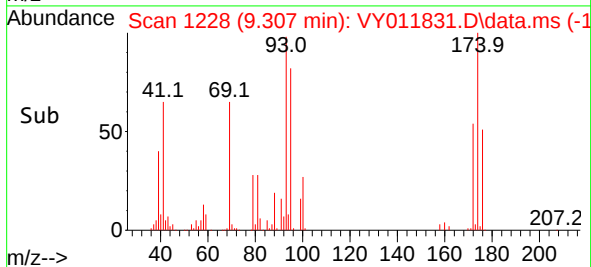
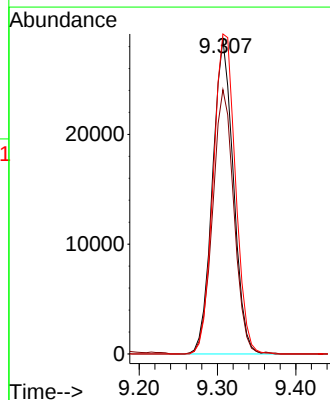
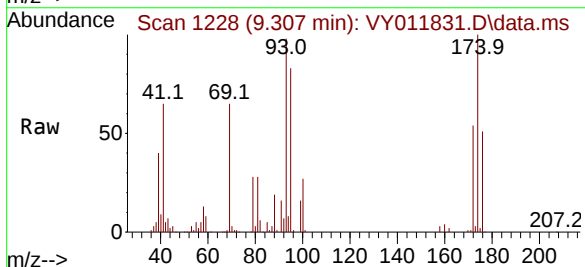
Tgt Ion: 93 Resp: 53237

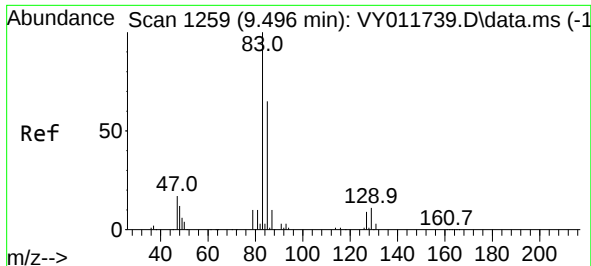
Ion Ratio Lower Upper

93 100

95 85.5 66.1 99.1

174 107.7 84.7 127.1





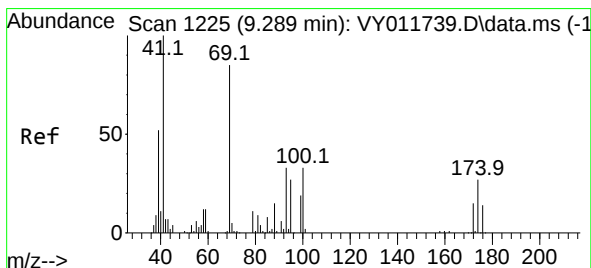
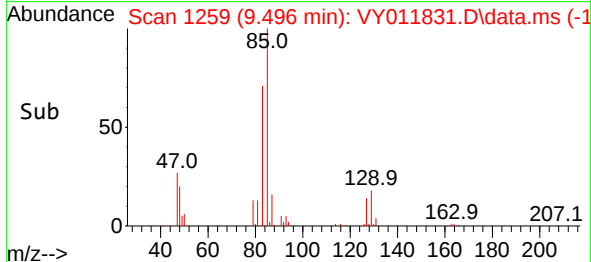
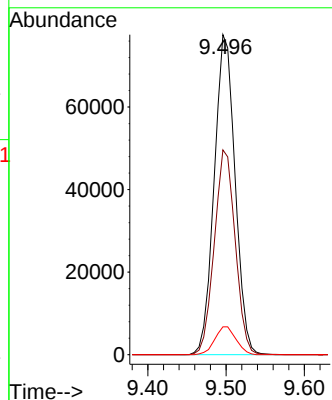
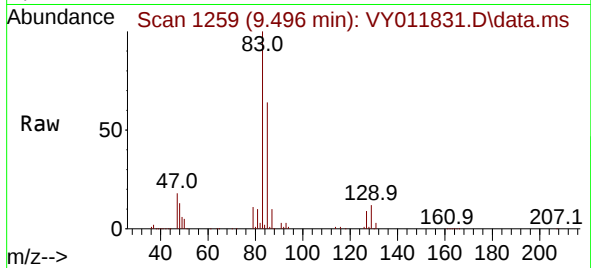
#47
Bromodichloromethane
Concen: 51.137 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 14367
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0
127 8.7 7.3 10.9

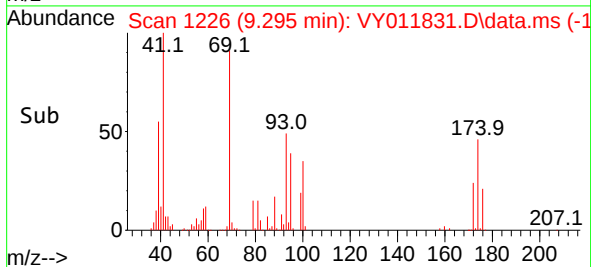
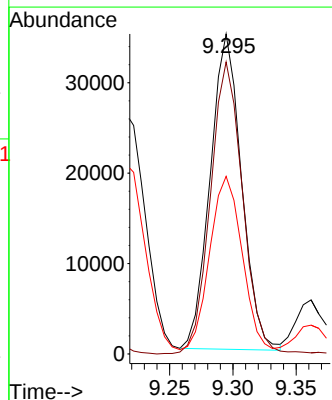
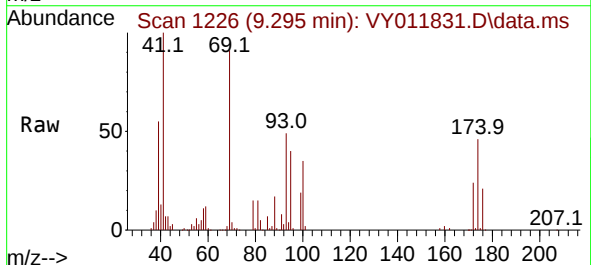
Manual Integrations
APPROVED

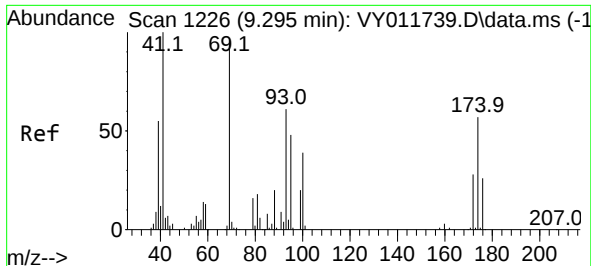
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 51.181 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion: 41 Resp: 60094
Ion Ratio Lower Upper
41 100
69 95.4 74.2 111.2
39 59.2 46.3 69.5





#49

1,4-Dioxane

Concen: 981.950 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 14794

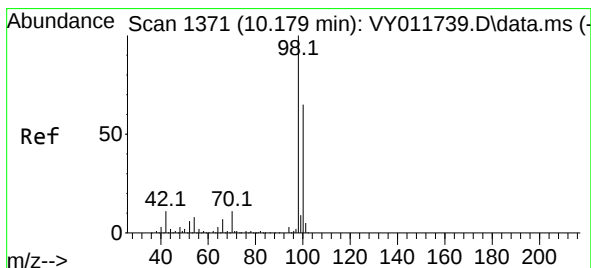
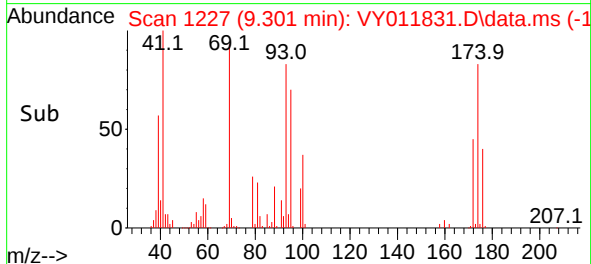
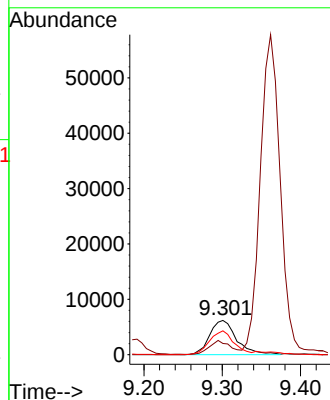
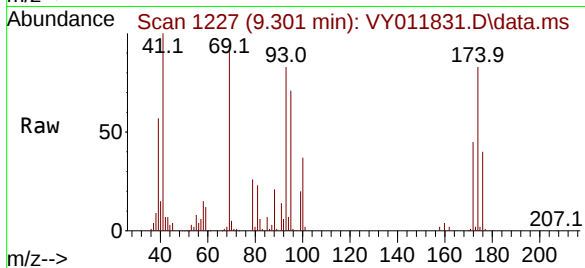
Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.2	39.2
58	63.1	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 47.806 ug/l

RT: 10.185 min Scan# 1372

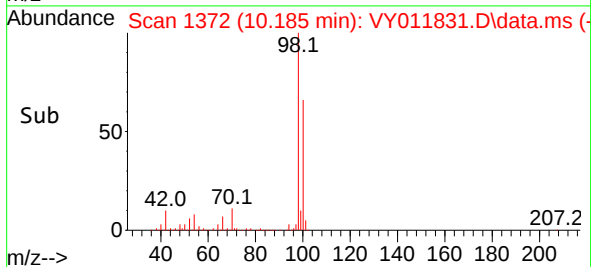
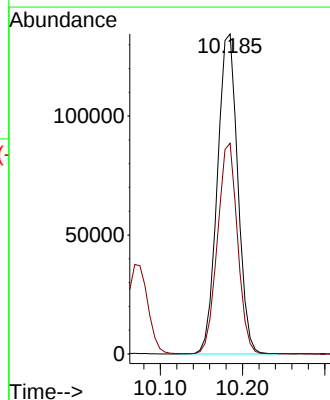
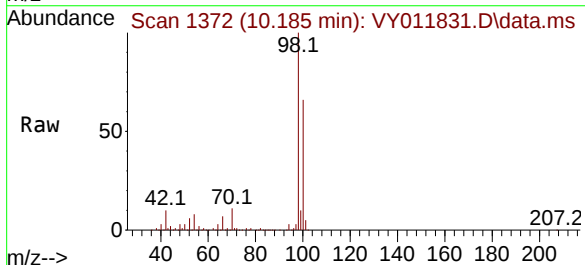
Delta R.T. 0.006 min

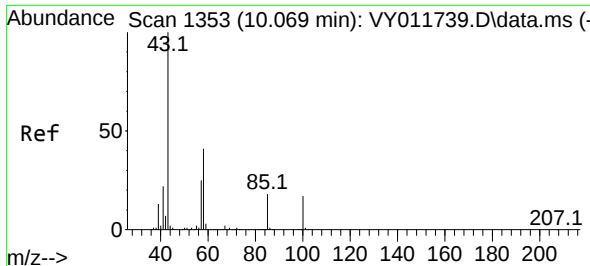
Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Tgt Ion: 98 Resp: 231985

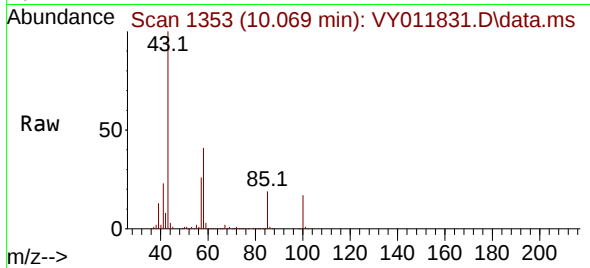
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 260.865 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

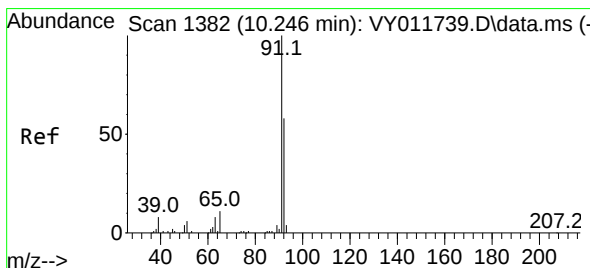
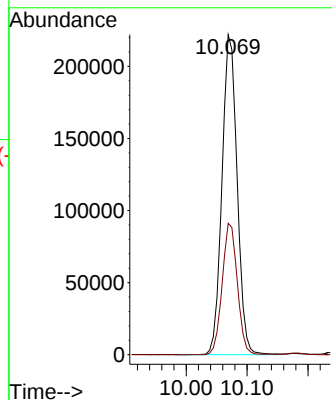
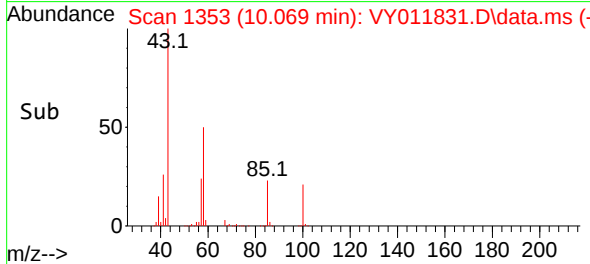
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 382879
Ion Ratio Lower Upper
43 100
58 41.0 32.9 49.3

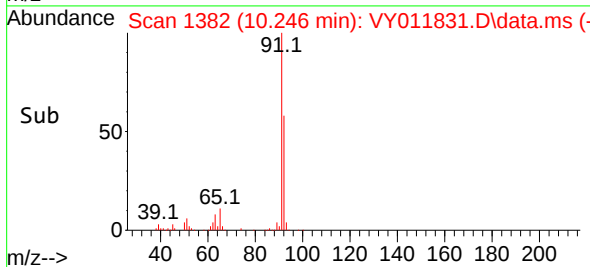
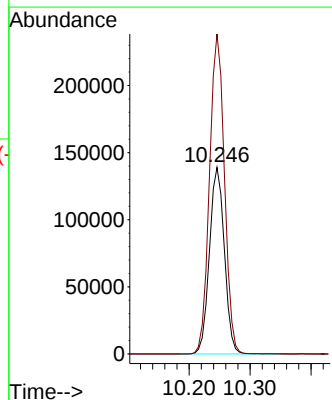
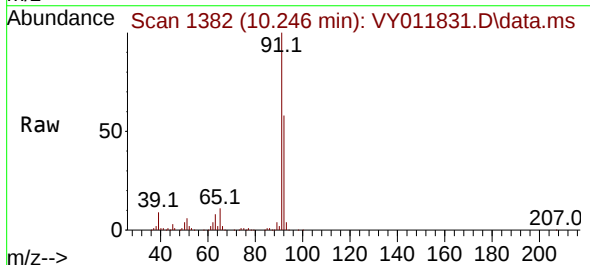
Manual Integrations
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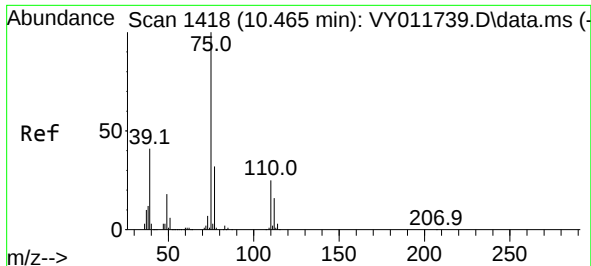
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 49.405 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

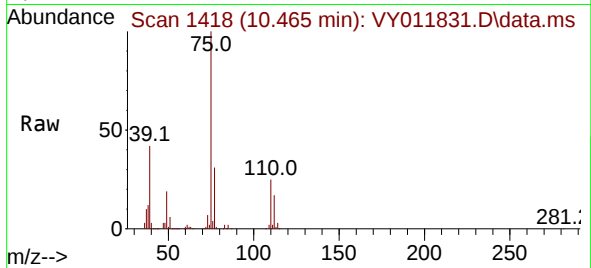
Tgt Ion: 92 Resp: 235761
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.549 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

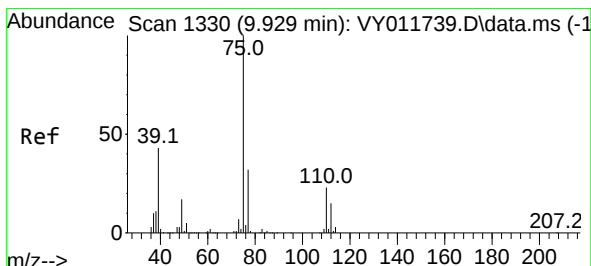
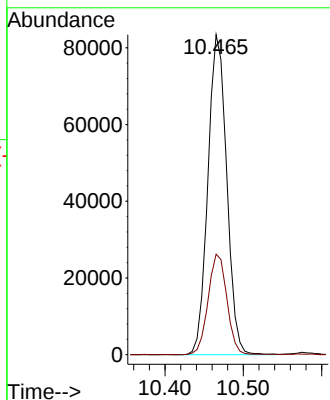
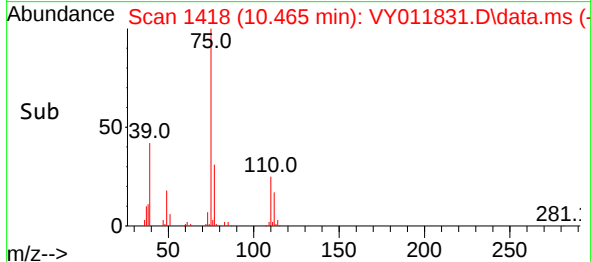
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



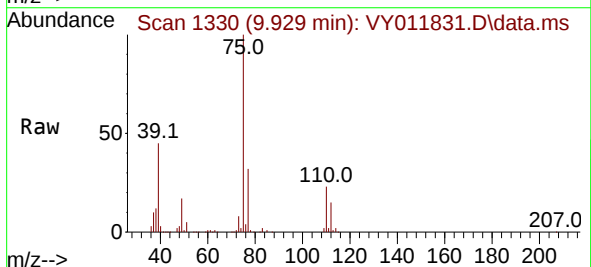
Tgt Ion: 75 Resp: 13905
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8

Manual Integrations
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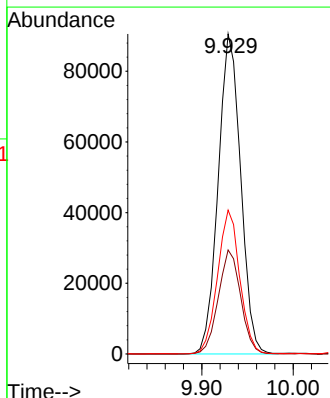
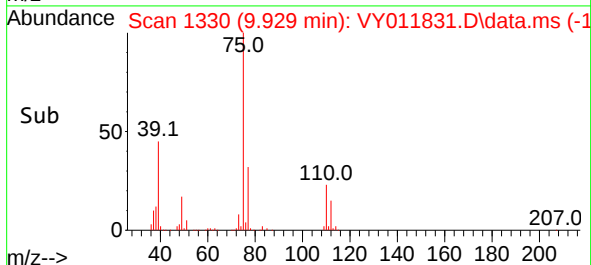
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

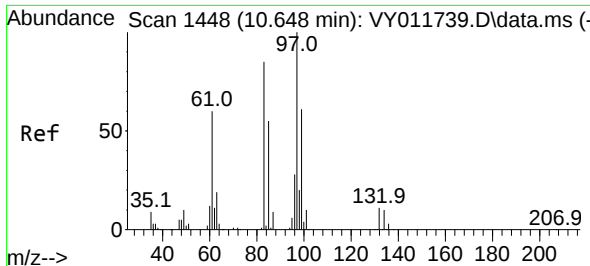


#54
cis-1,3-Dichloropropene
Concen: 49.068 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



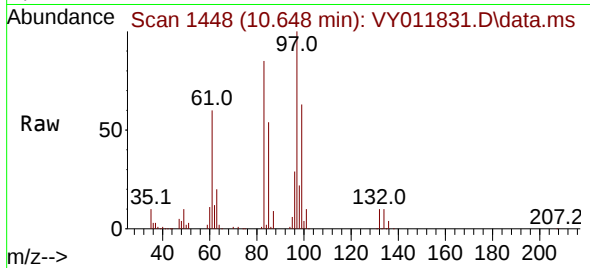
Tgt Ion: 75 Resp: 154716
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
39 44.9 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 50.867 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

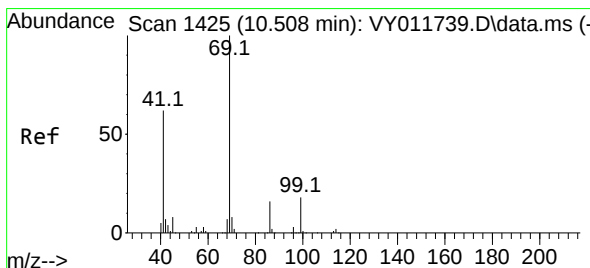
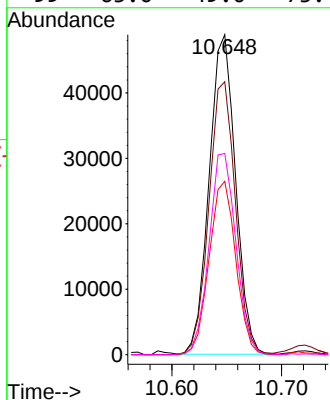
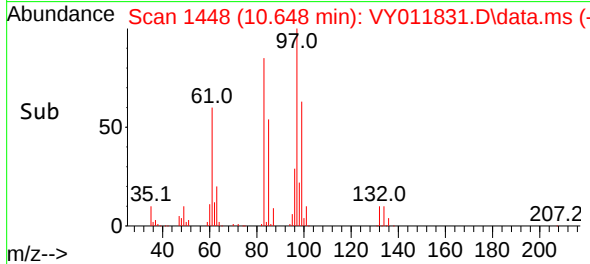


Tgt Ion: 97 Resp: 8176

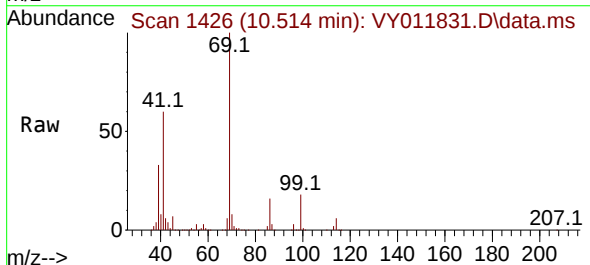
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.7	101.5
85	54.3	43.8	65.8
99	63.0	49.0	73.4

Manual Integrations
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Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

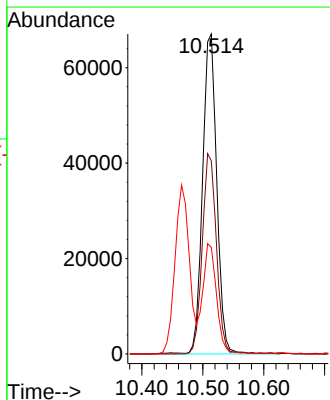
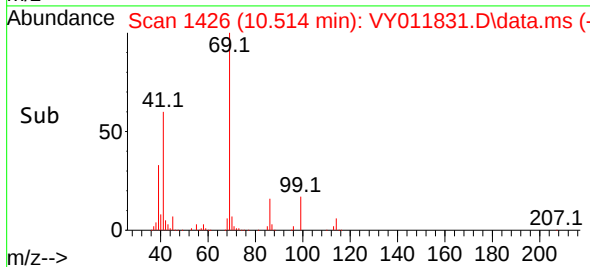


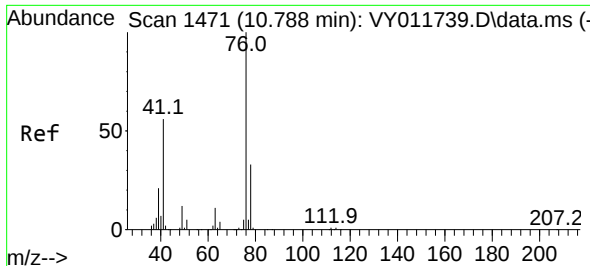
#56
Ethyl methacrylate
Concen: 52.282 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion: 69 Resp: 108483

Ion	Ratio	Lower	Upper
69	100		
41	62.1	48.9	73.3
39	33.0	25.9	38.9





#57

1,3-Dichloropropane

Concen: 51.182 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 137130

Ion Ratio Lower Upper

76 100

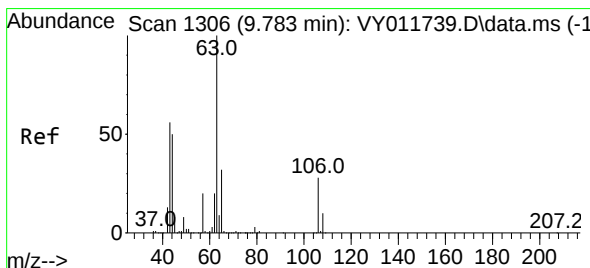
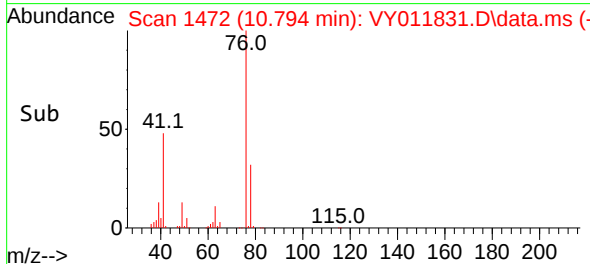
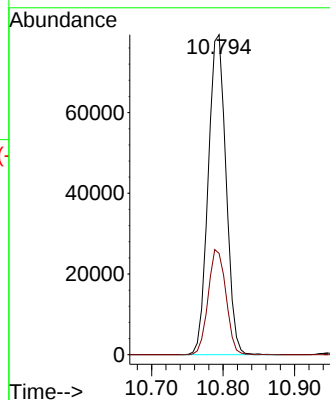
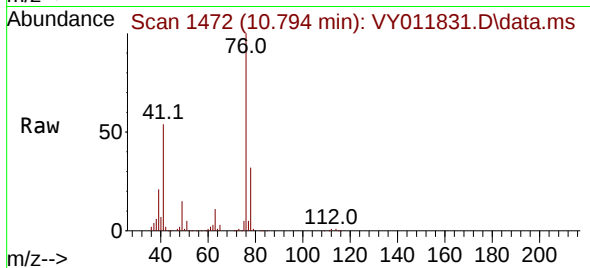
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 256.439 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011831.D

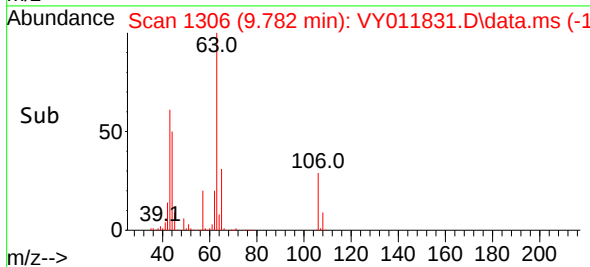
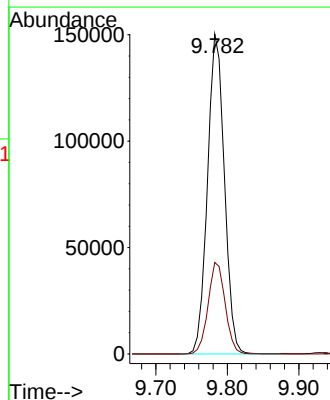
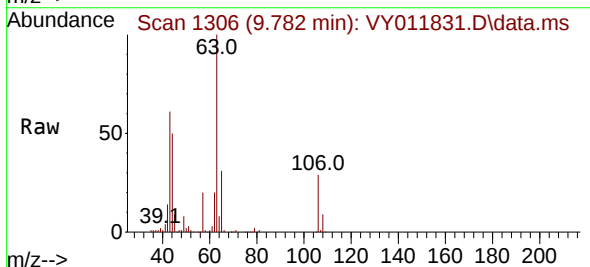
Acq: 14 Dec 2022 06:54

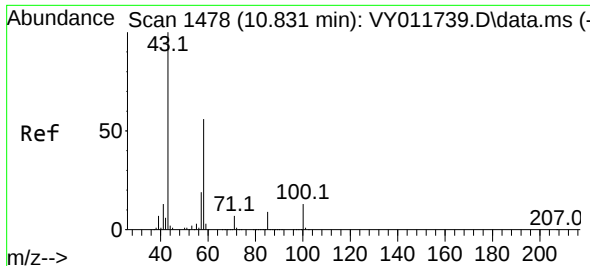
Tgt Ion: 63 Resp: 246737

Ion Ratio Lower Upper

63 100

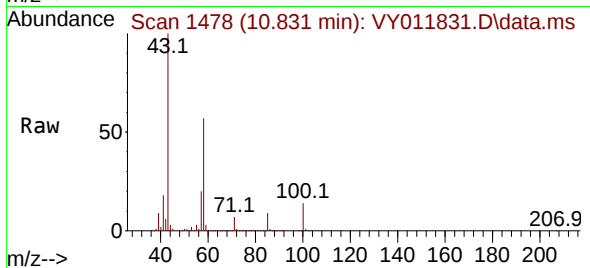
106 28.9 23.2 34.8





#59
2-Hexanone
Concen: 248.277 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

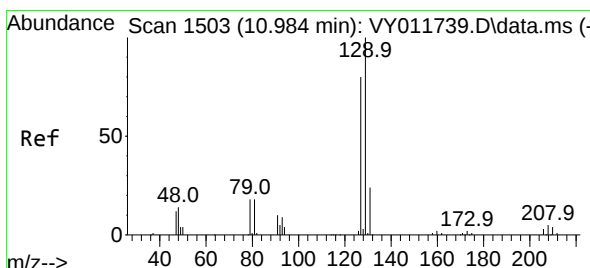
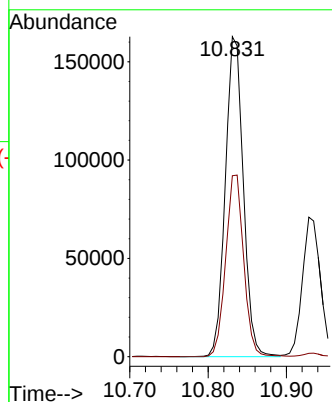
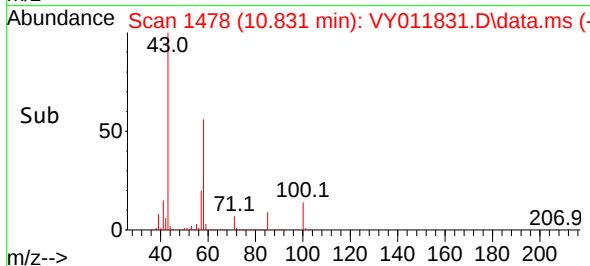
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26036
Ion Ratio Lower Upper
43 100
58 56.7 28.4 85.2

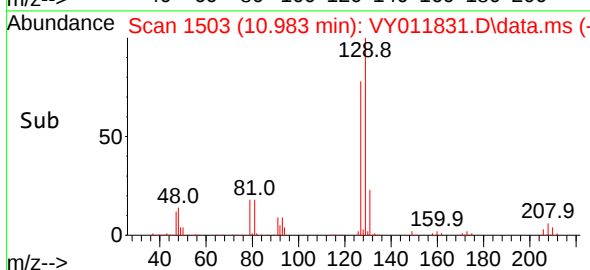
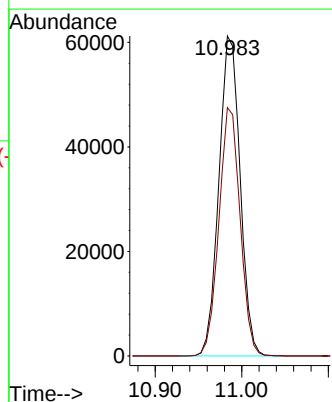
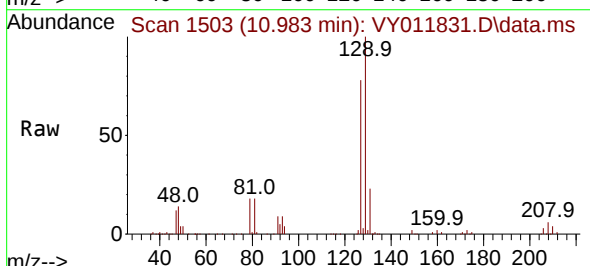
Manual Integrations
APPROVED

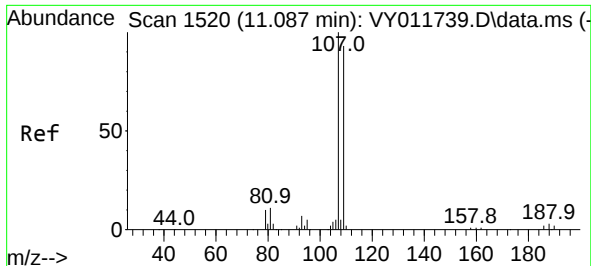
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#60
Dibromochloromethane
Concen: 51.801 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

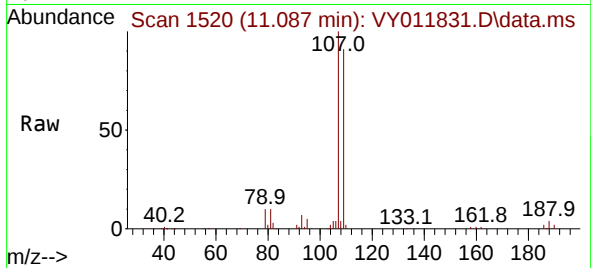
Tgt Ion:129 Resp: 104286
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 50.806 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

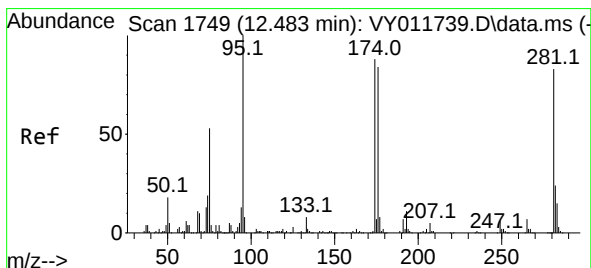
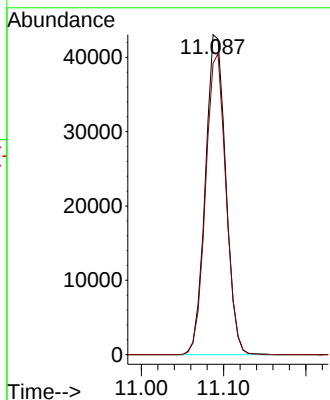
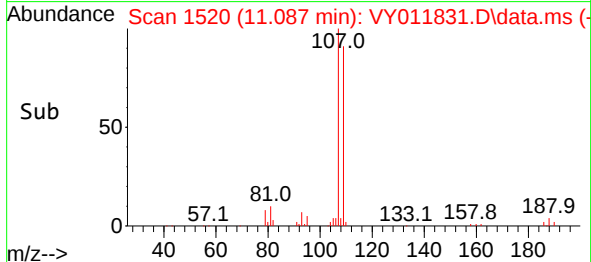
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



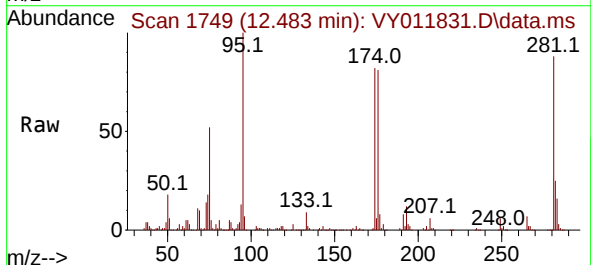
Tgt Ion:107 Resp: 7398
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.6

Manual Integrations
APPROVED

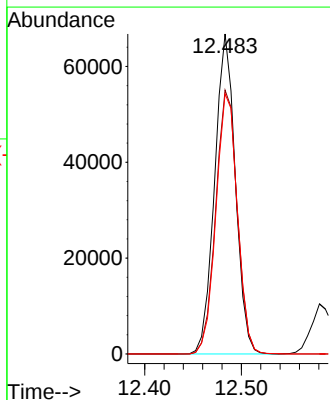
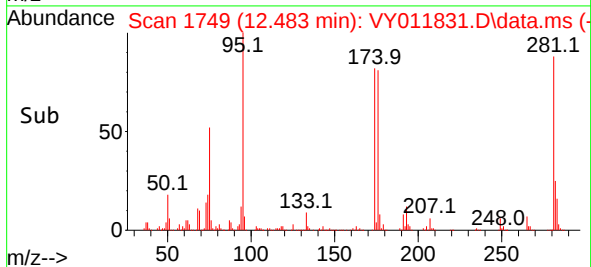
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

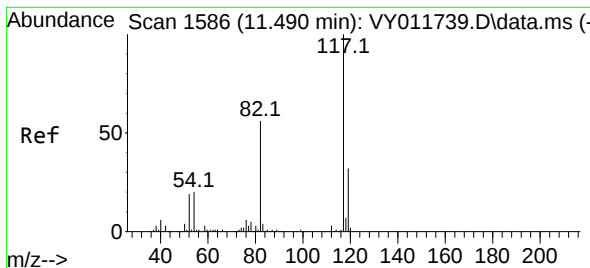


#62
4-Bromofluorobenzene
Concen: 51.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



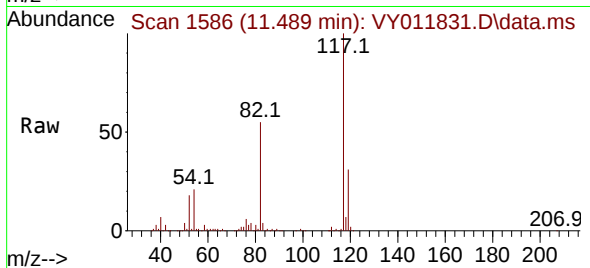
Tgt Ion: 95 Resp: 99029
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.0
176 84.4 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

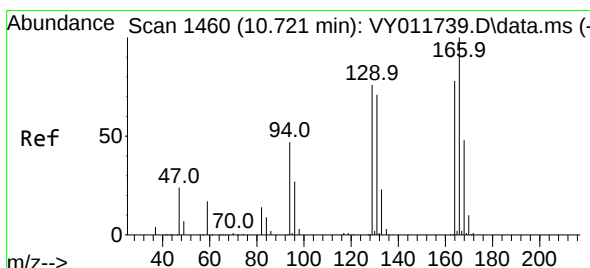
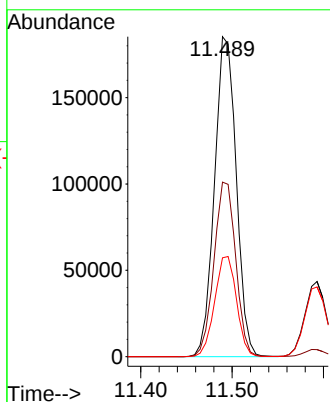
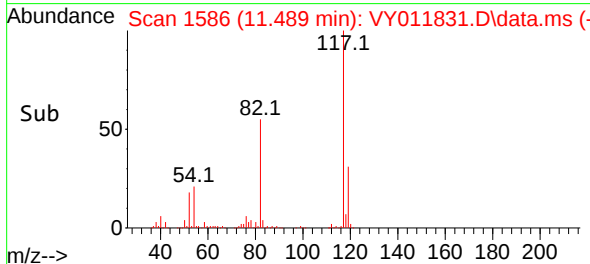
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 306320
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 30.9 25.4 38.2

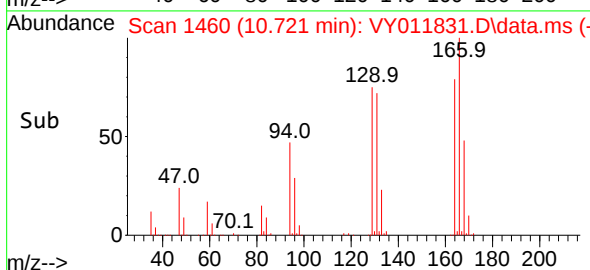
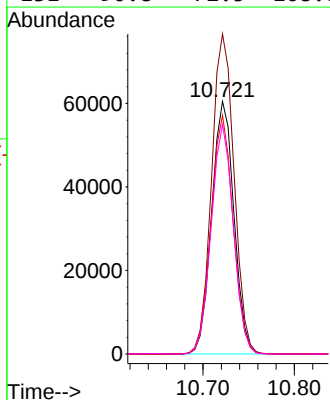
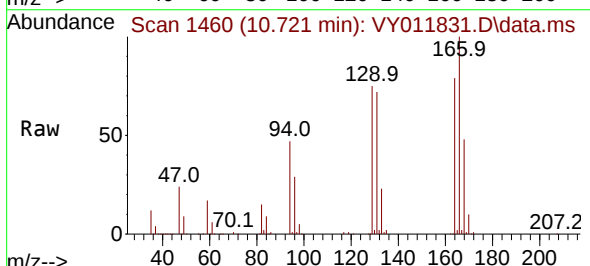
Manual Integrations
APPROVED

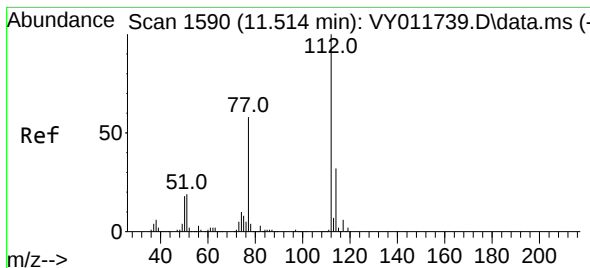
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 47.200 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:164 Resp: 102293
Ion Ratio Lower Upper
164 100
166 126.7 102.3 153.5
129 94.5 77.2 115.8
131 90.8 72.5 108.7





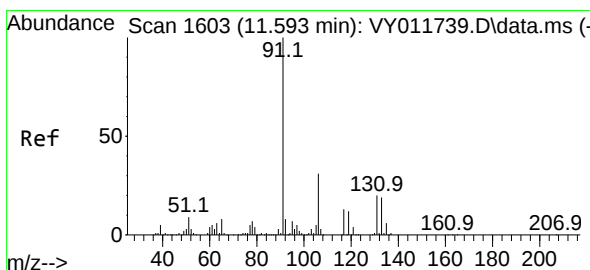
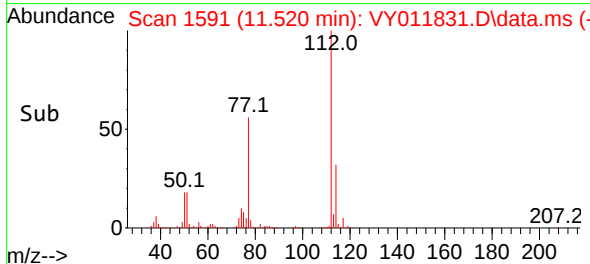
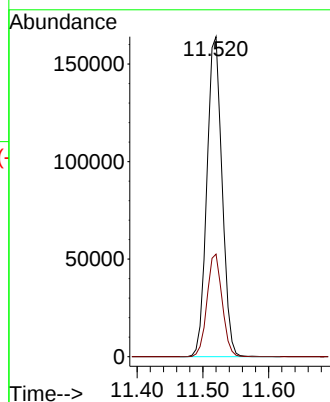
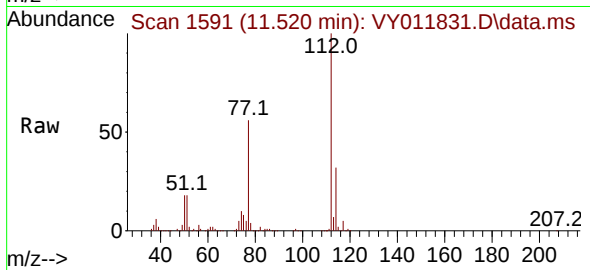
#65
Chlorobenzene
Concen: 47.664 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 263073
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

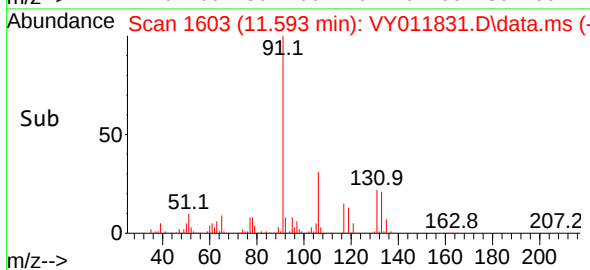
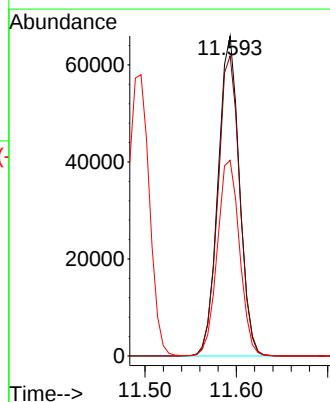
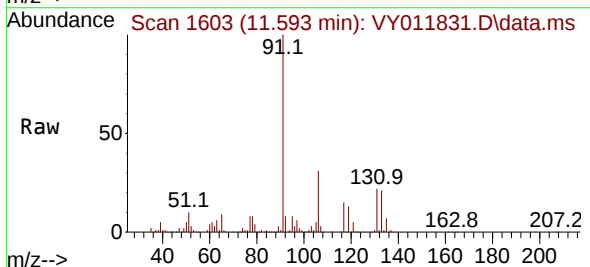
Manual Integrations
APPROVED

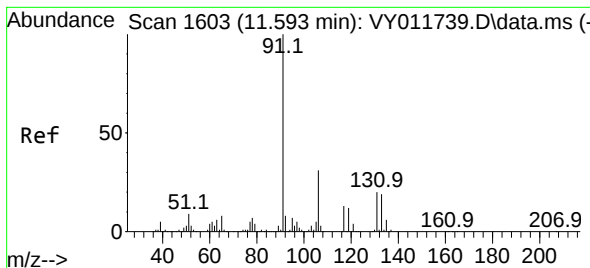
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.778 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

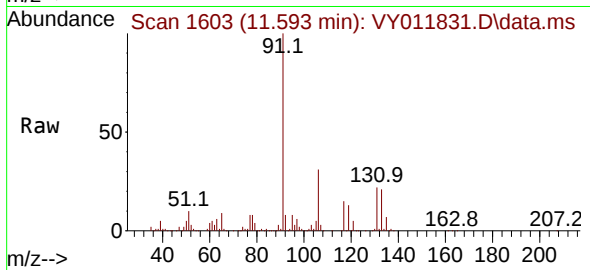
Tgt Ion:131 Resp: 106585
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 64.0 32.1 96.3





#67
Ethyl Benzene
Concen: 47.862 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

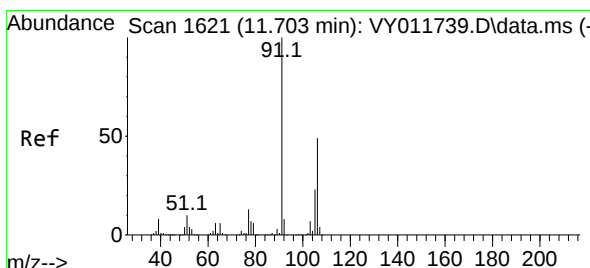
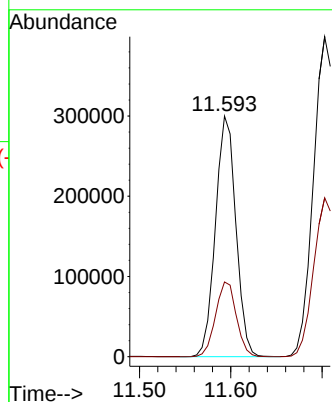
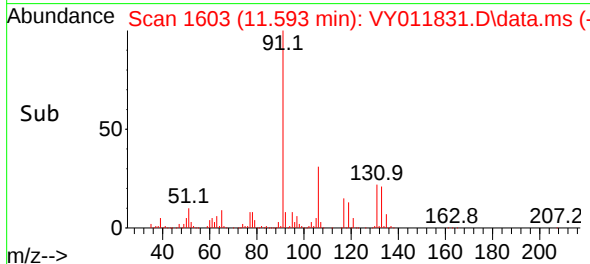
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 465468
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

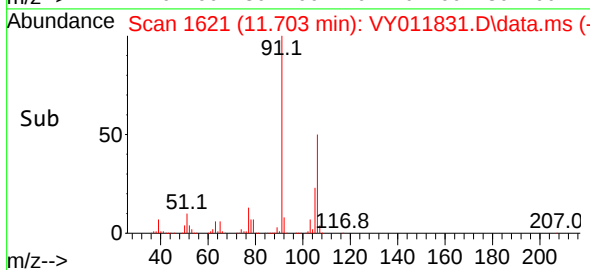
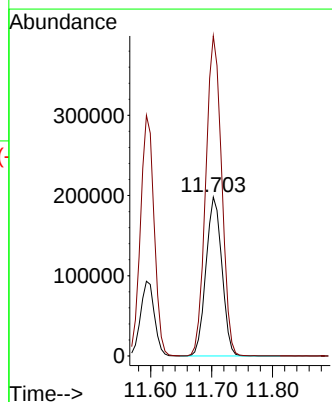
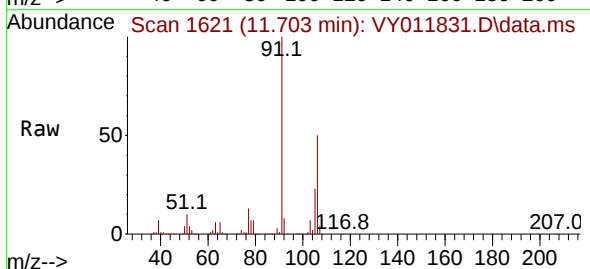
Manual Integrations
APPROVED

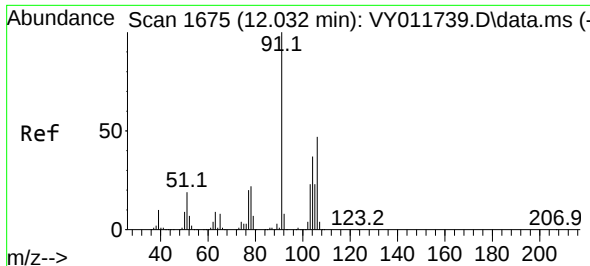
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#68
m/p-Xylenes
Concen: 96.470 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

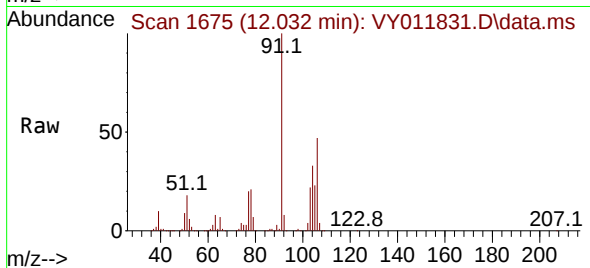
Tgt Ion:106 Resp: 359294
Ion Ratio Lower Upper
106 100
91 201.1 162.5 243.7





#69
o-Xylene
Concen: 49.193 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

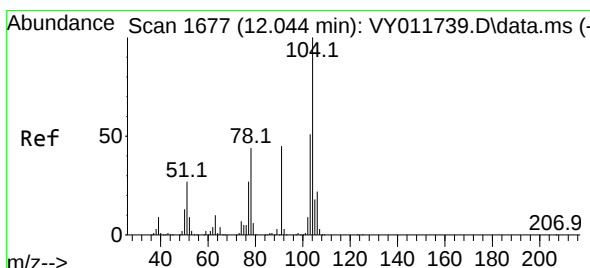
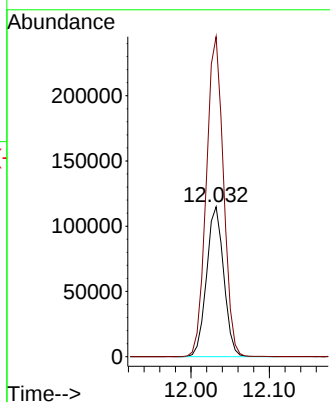
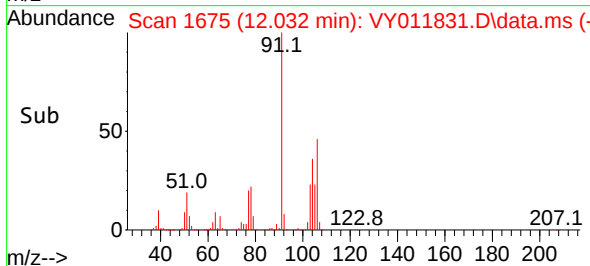
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



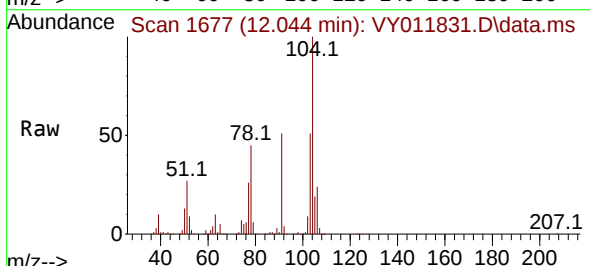
Tgt Ion:106 Resp: 174639
Ion Ratio Lower Upper
106 100
91 213.9 107.5 322.4

Manual Integrations
APPROVED

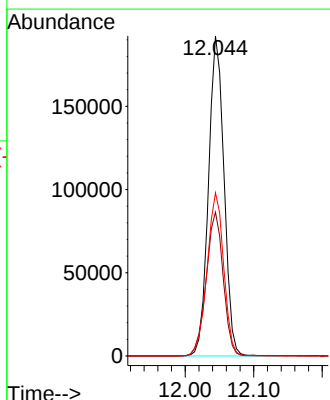
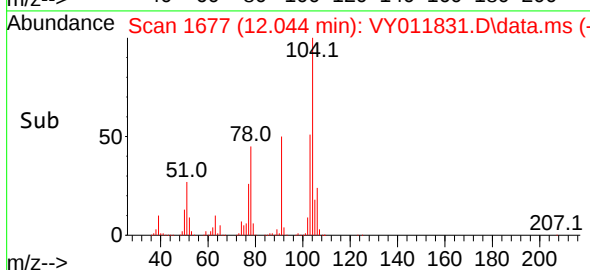
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

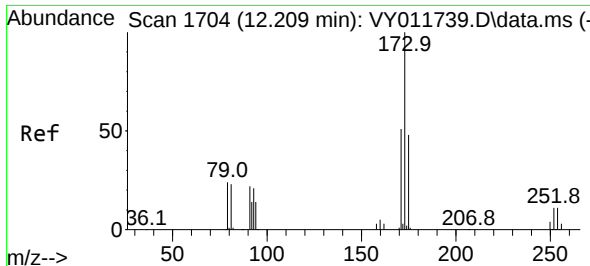


#70
Styrene
Concen: 50.023 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



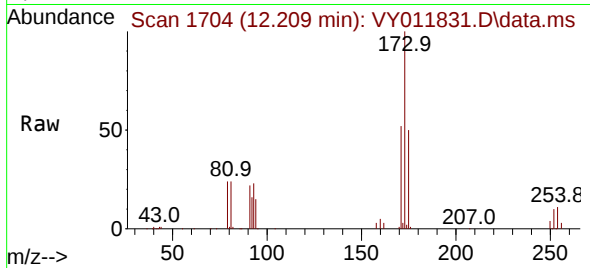
Tgt Ion:104 Resp: 303092
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.0
103 54.6 43.0 64.4





#71
Bromoform
Concen: 49.569 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

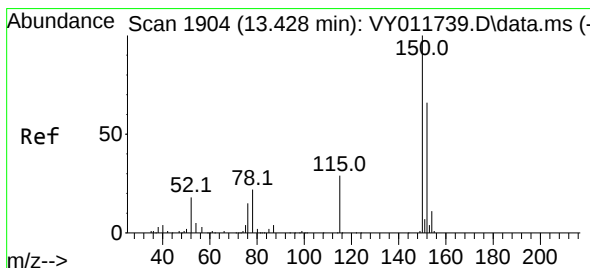
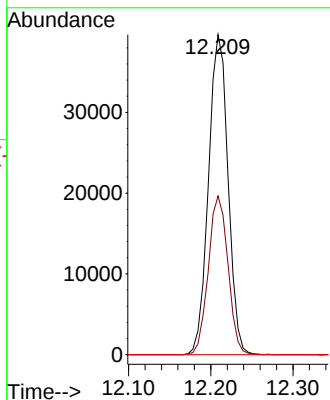
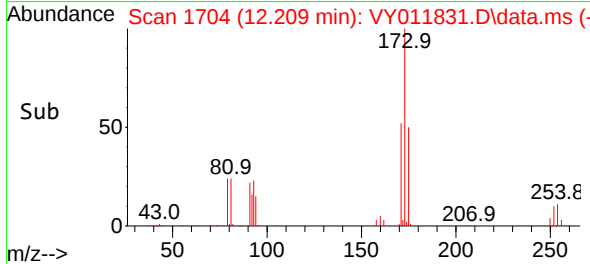
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 65460
Ion Ratio Lower Upper
173 100
175 49.9 23.8 71.5
254 0.0 0.1 0.1

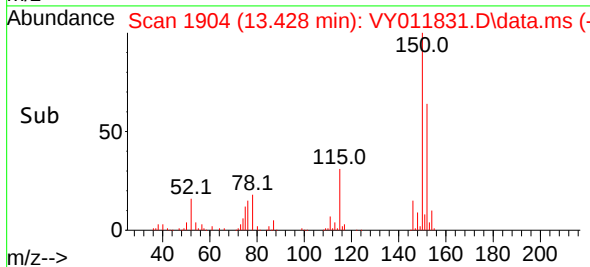
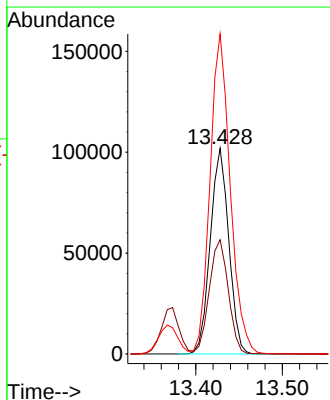
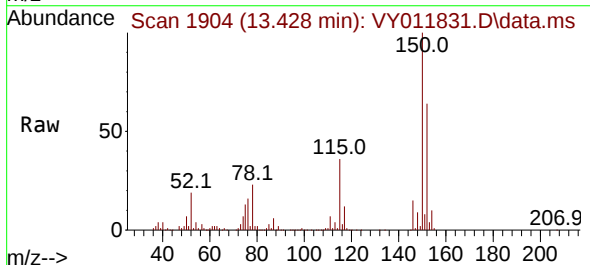
Manual Integrations
APPROVED

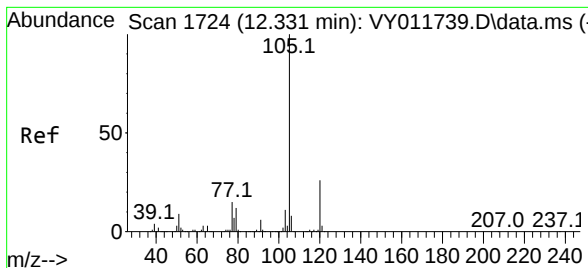
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

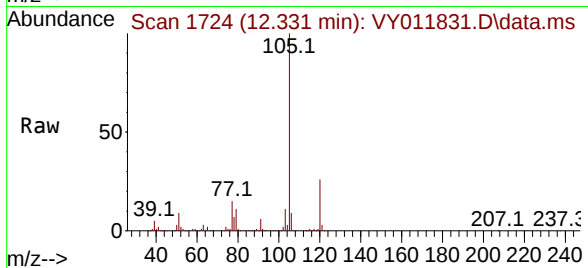
Tgt Ion:152 Resp: 151086
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 170.2 0.0 342.6





#73
Isopropylbenzene
Concen: 47.855 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

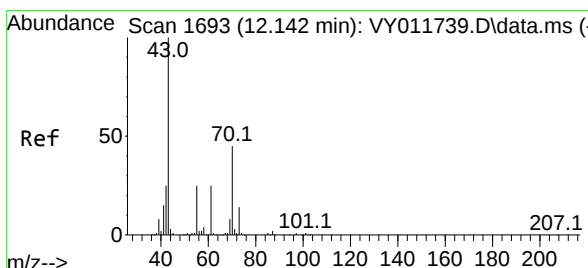
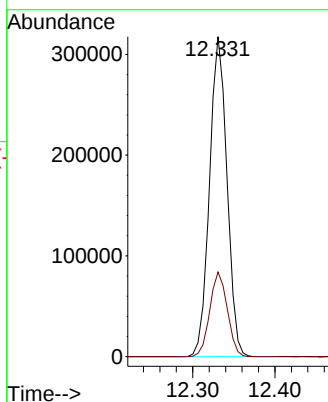
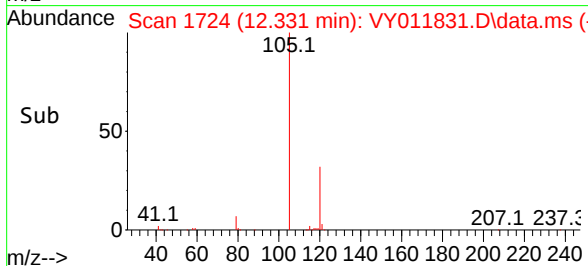
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



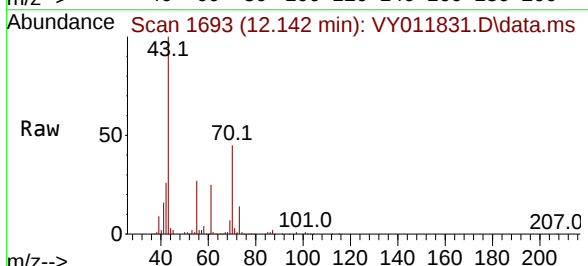
Tgt Ion:105 Resp: 46844
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

Manual Integrations
APPROVED

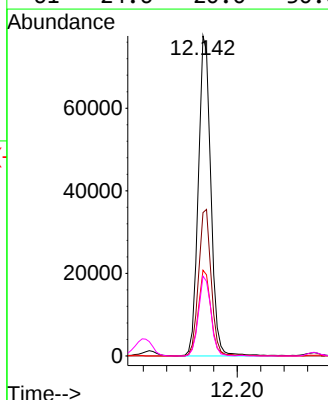
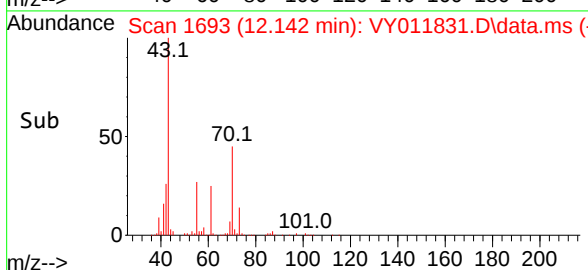
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

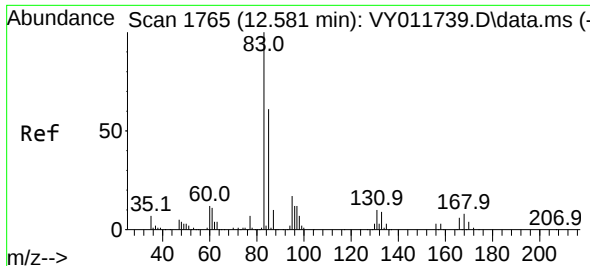


#74
N-ethyl acetate
Concen: 48.794 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



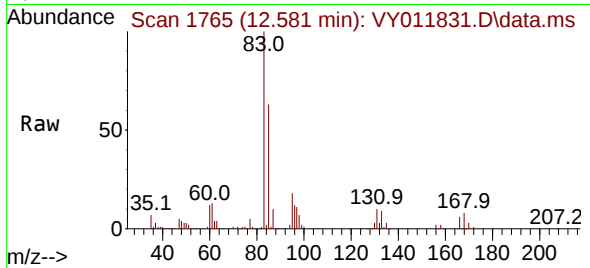
Tgt Ion: 43 Resp: 114838
Ion Ratio Lower Upper
43 100
70 46.4 35.8 53.8
55 27.0 21.0 31.4
61 24.6 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 49.111 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

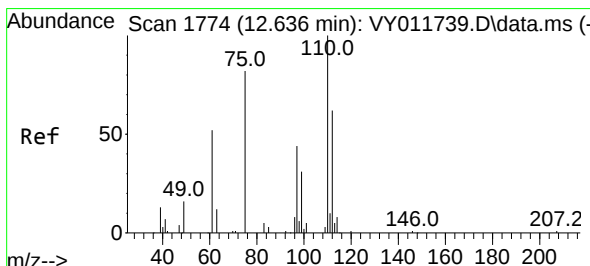
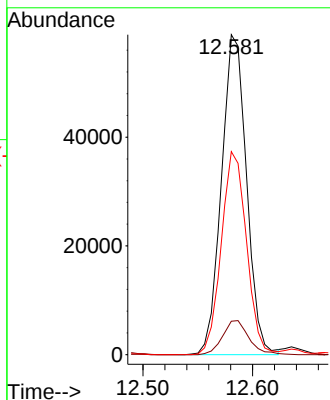
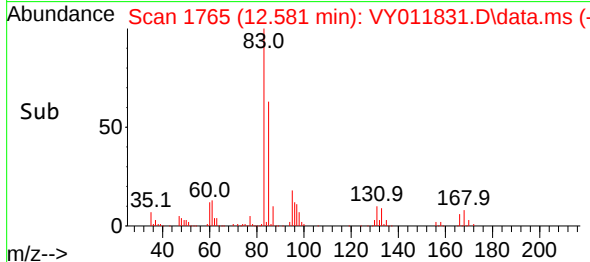
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



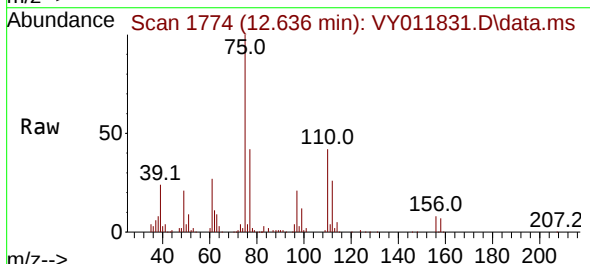
Tgt Ion: 83 Resp: 93624
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 63.7 32.3 96.8

Manual Integrations
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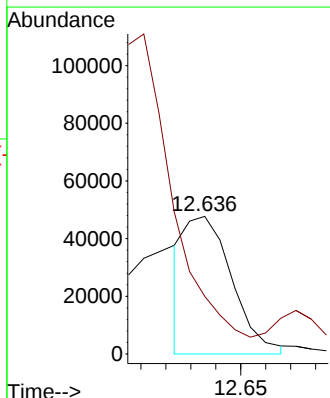
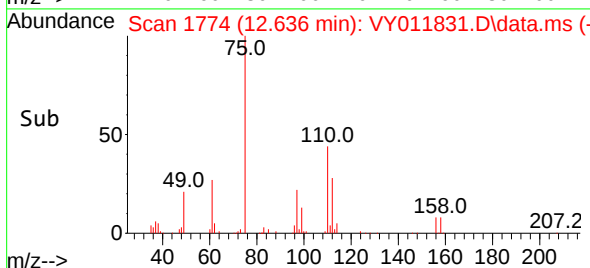
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

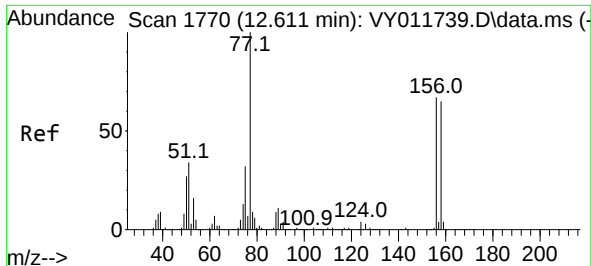


#76
1,2,3-Trichloropropane
Concen: 41.130 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



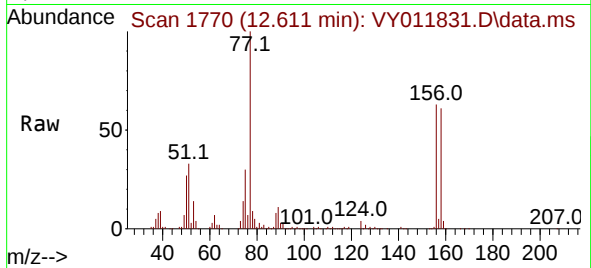
Tgt Ion: 75 Resp: 62871
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.974 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

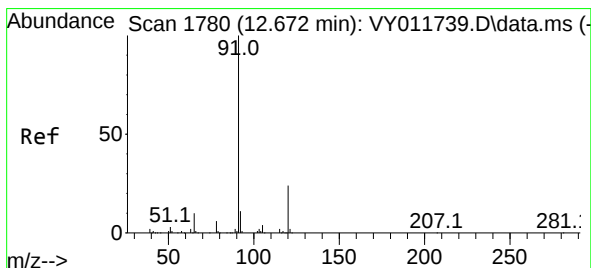
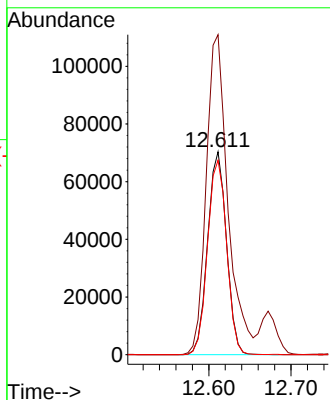
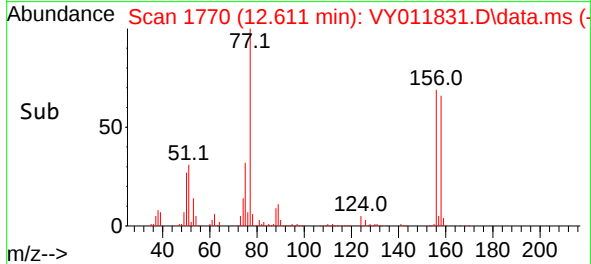
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



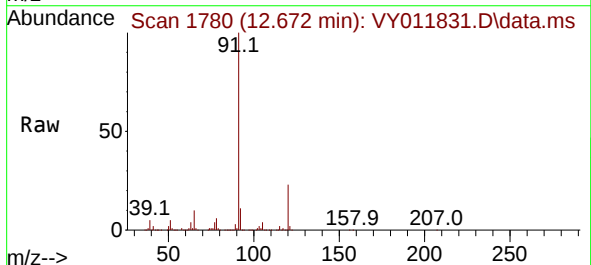
Tgt Ion:156 Resp: 11193
Ion Ratio Lower Upper
156 100
77 181.3 90.0 270.0
158 97.3 48.4 145.2

Manual Integrations
APPROVED

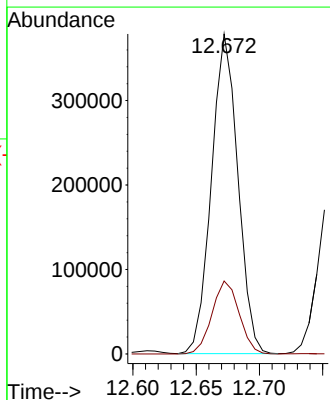
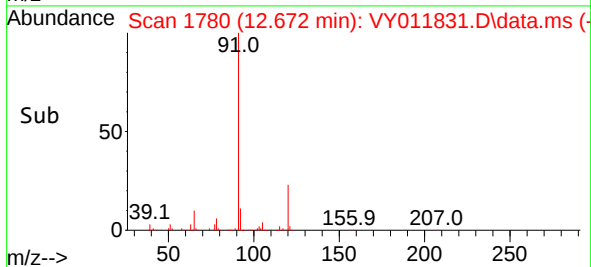
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

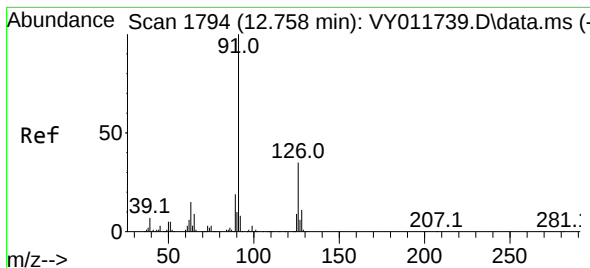


#78
n-propylbenzene
Concen: 46.925 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion: 91 Resp: 550473
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





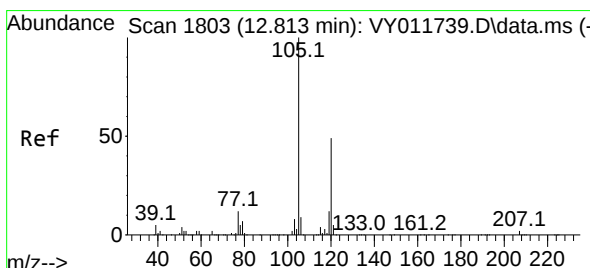
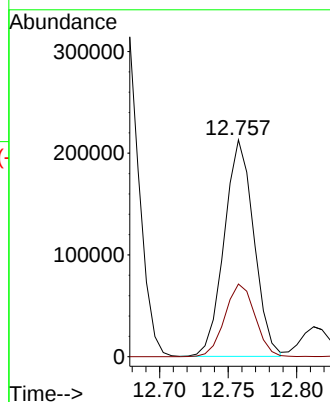
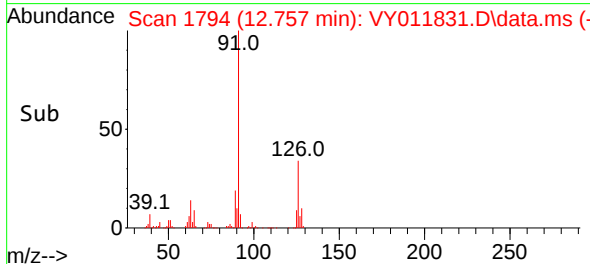
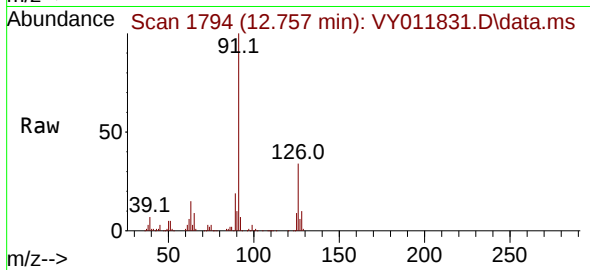
#79
2-Chlorotoluene
Concen: 47.930 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 320892
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

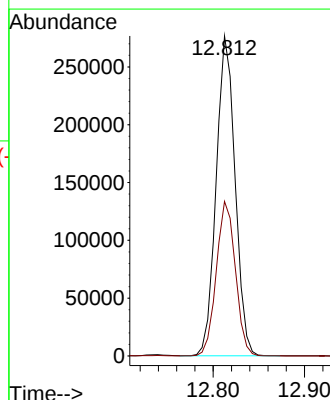
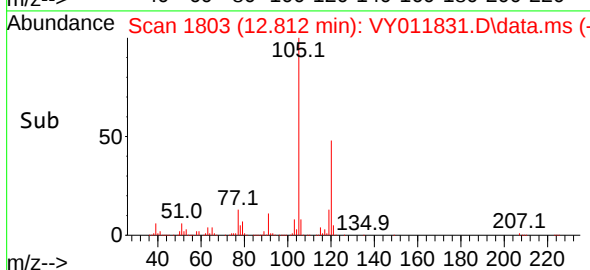
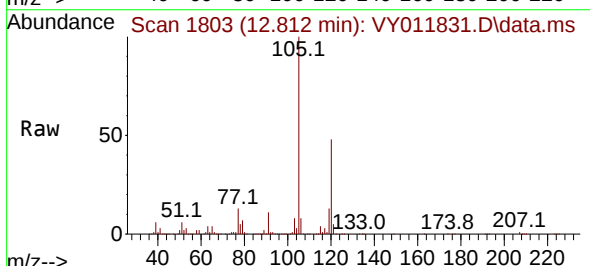
Manual Integrations
APPROVED

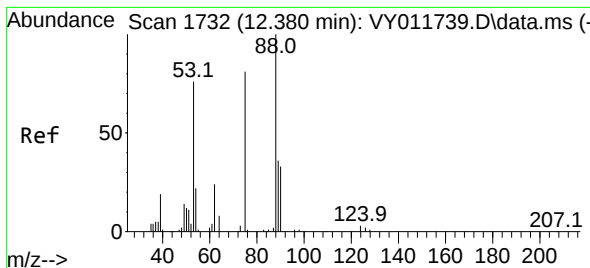
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.074 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:105 Resp: 397766
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6





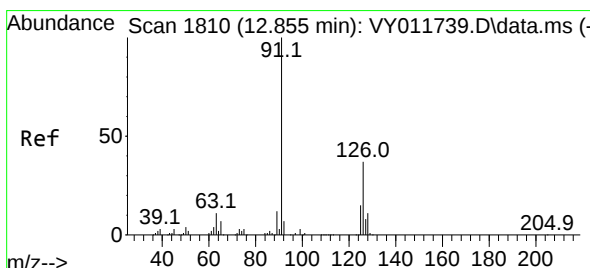
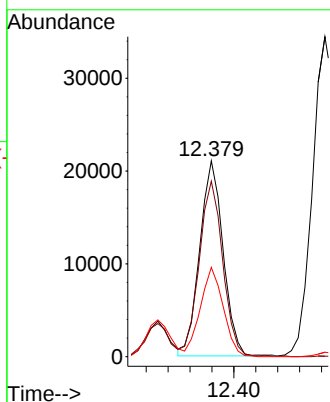
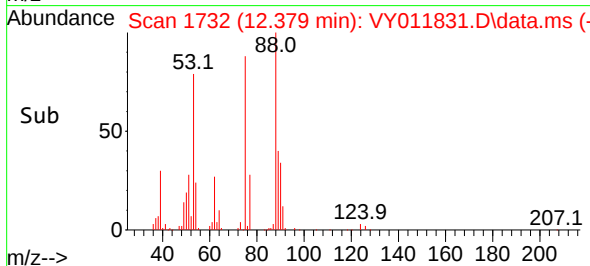
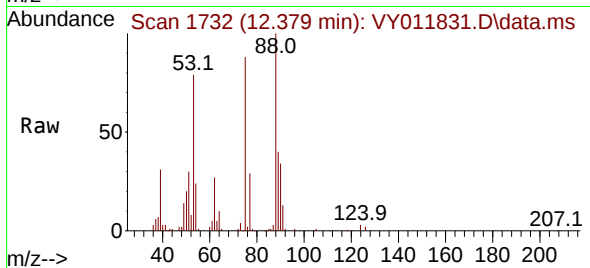
#81
trans-1,4-Dichloro-2-butene
Concen: 46.217 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3113
Ion Ratio Lower Upper
75 100
53 90.1 72.5 108.7
89 44.9 37.0 55.4

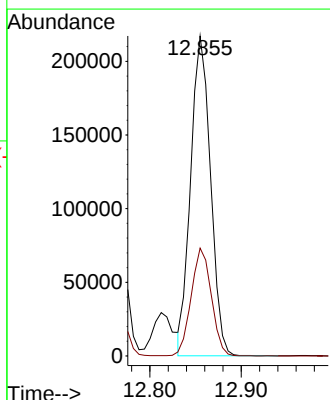
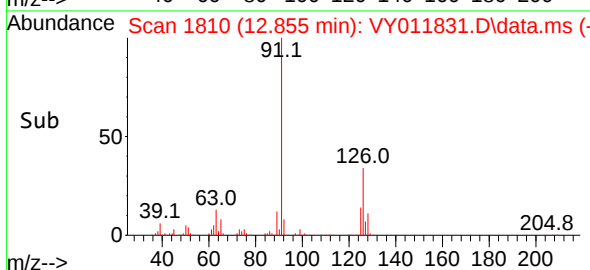
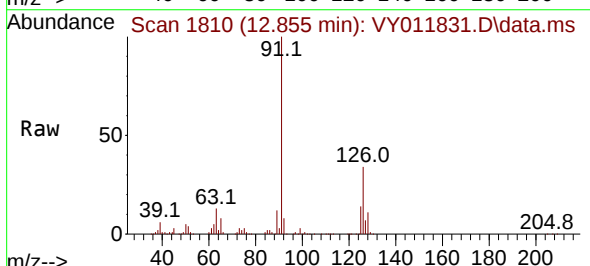
Manual Integrations
APPROVED

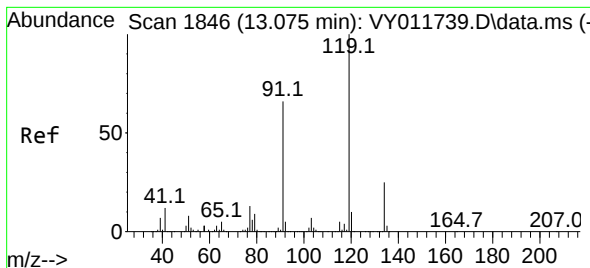
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 47.260 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

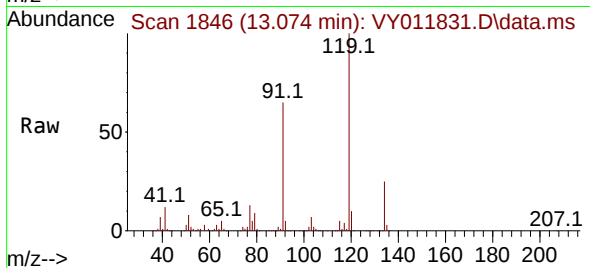
Tgt Ion: 91 Resp: 328179
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83
tert-Butylbenzene
Concen: 48.119 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

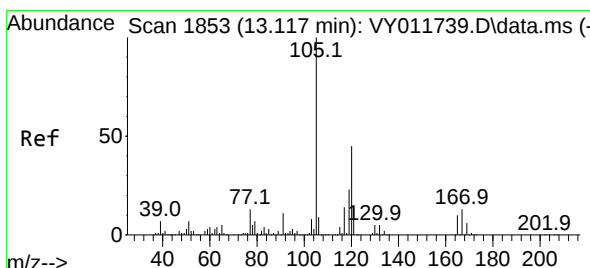
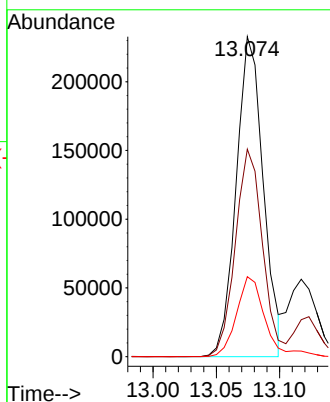
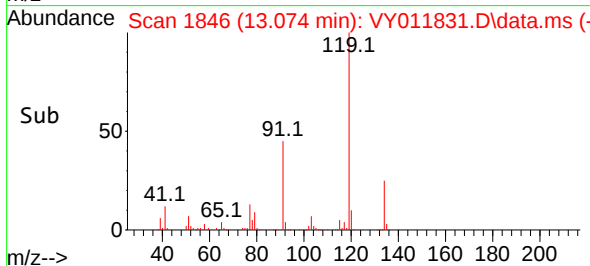
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



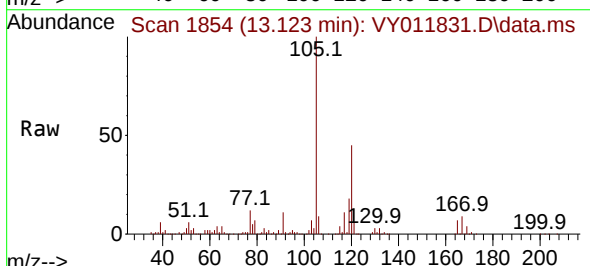
Tgt Ion:119 Resp: 346679
Ion Ratio Lower Upper
119 100
91 65.5 32.3 96.8
134 26.5 13.0 39.0

Manual Integrations
APPROVED

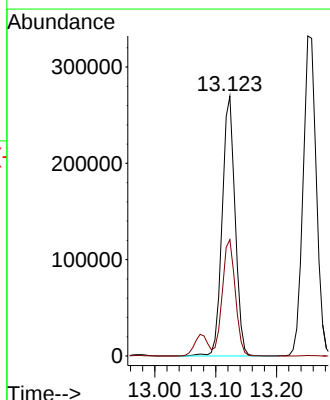
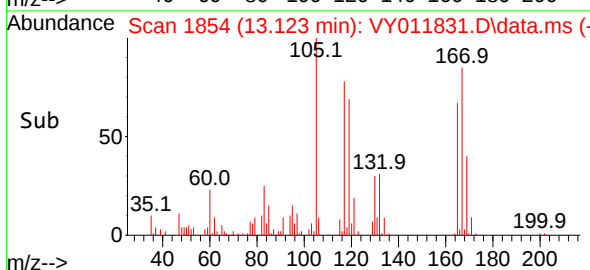
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

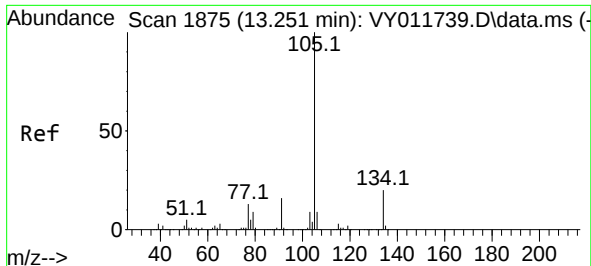


#84
1,2,4-Trimethylbenzene
Concen: 48.620 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion:105 Resp: 396086
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7





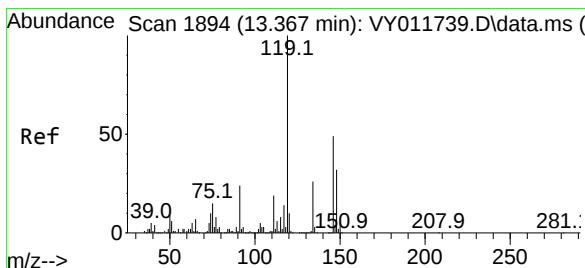
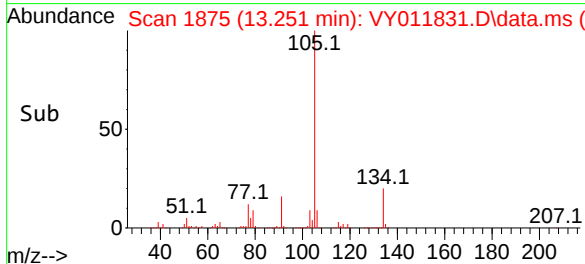
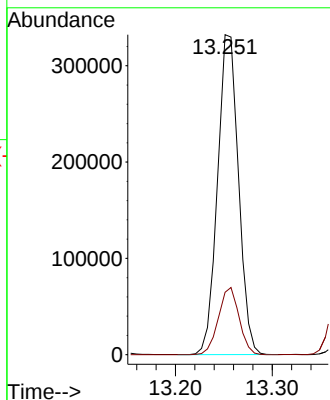
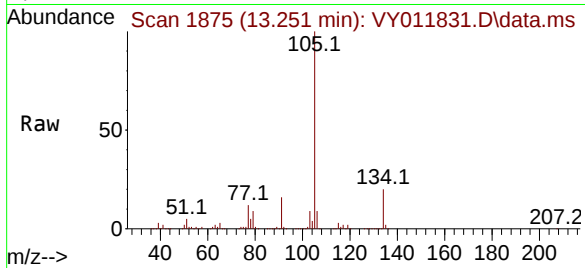
#85
 sec-Butylbenzene
 Concen: 46.581 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011831.D
 Acq: 14 Dec 2022 06:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 49979
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3

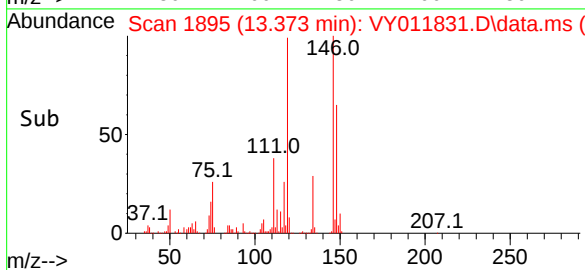
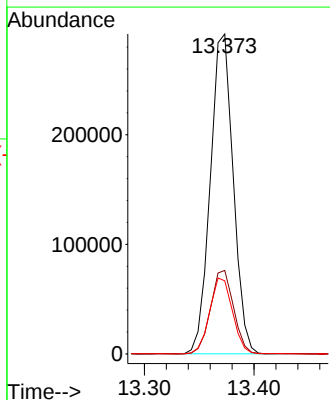
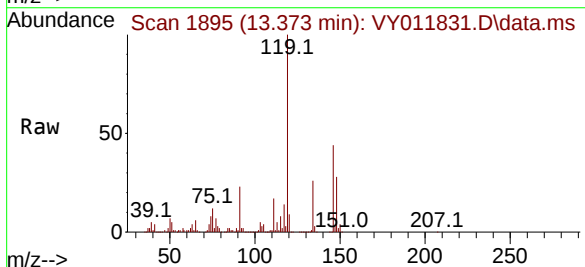
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#86
 p-Isopropyltoluene
 Concen: 47.562 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011831.D
 Acq: 14 Dec 2022 06:54

Tgt Ion:119 Resp: 424732
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.989 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

Tgt Ion:146 Resp: 22072

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

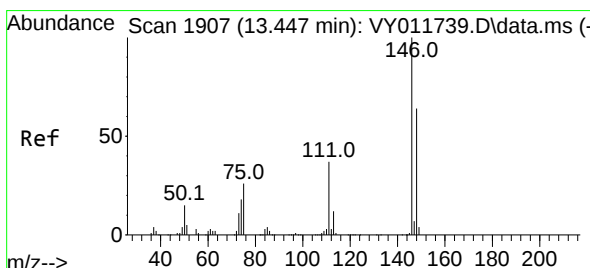
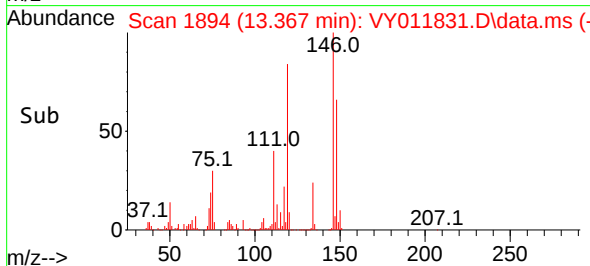
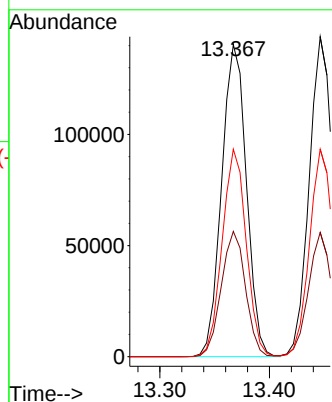
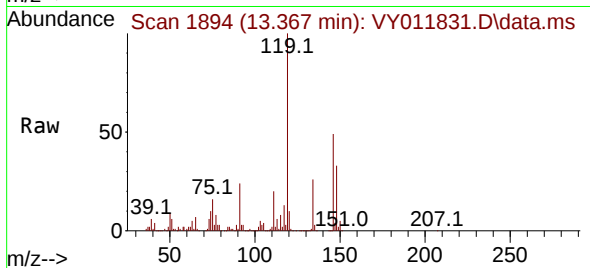
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 47.593 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011831.D

Acq: 14 Dec 2022 06:54

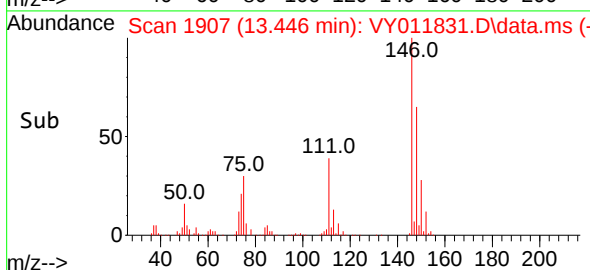
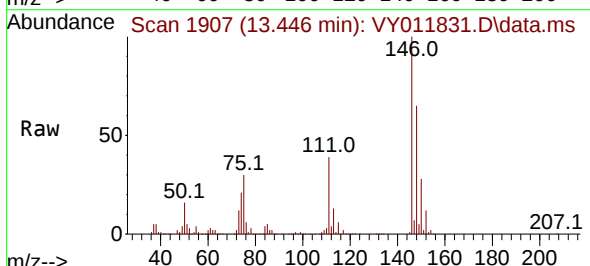
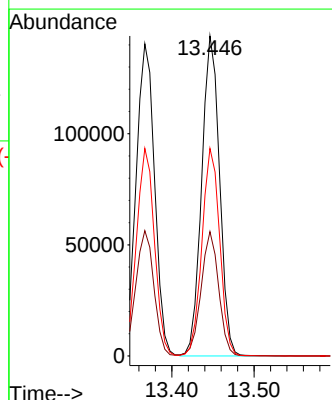
Tgt Ion:146 Resp: 217560

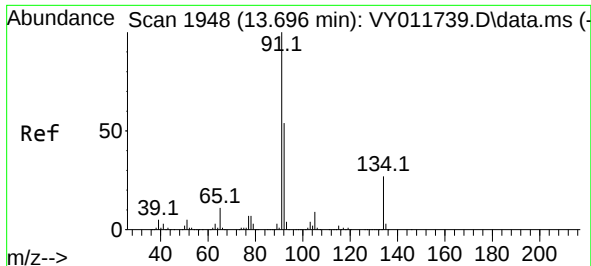
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

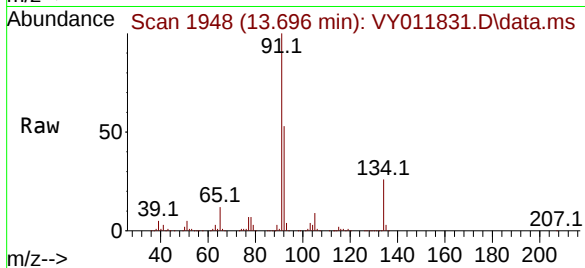
148 64.4 31.9 95.7





#89
n-Butylbenzene
Concen: 46.344 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

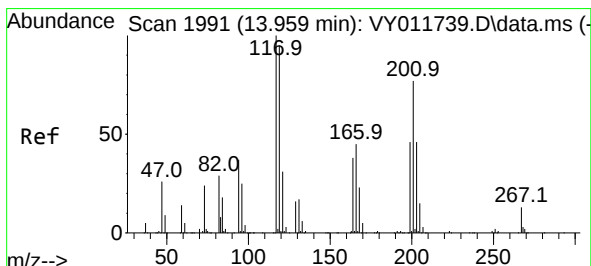
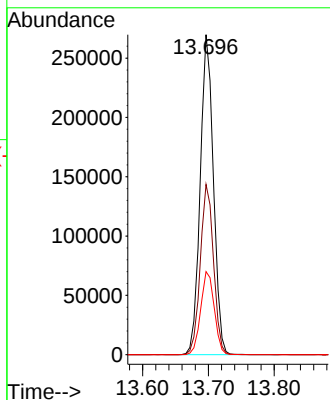
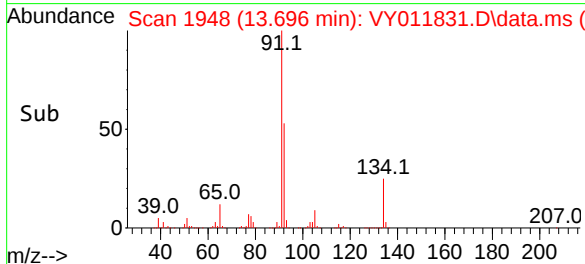
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 376224
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 26.7 13.3 39.8

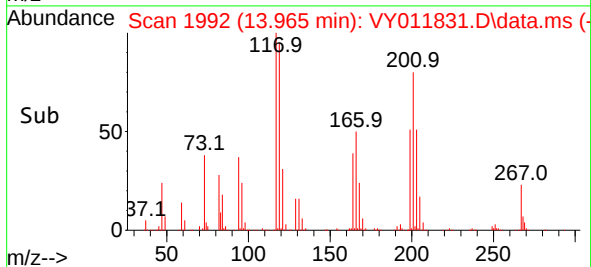
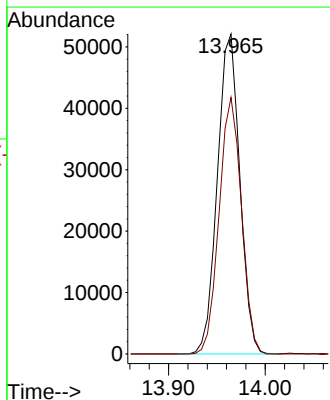
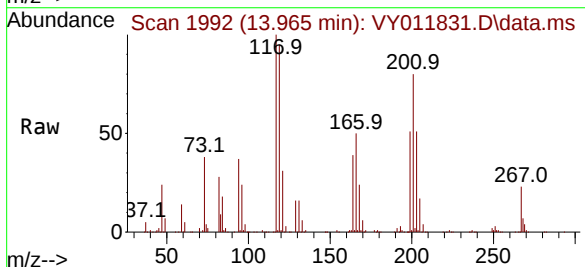
Manual Integrations
APPROVED

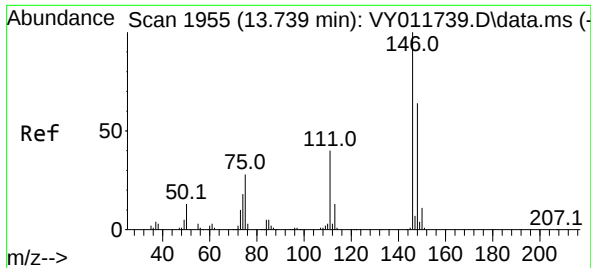
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 47.208 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Tgt Ion:117 Resp: 83770
Ion Ratio Lower Upper
117 100
201 79.9 40.3 120.8





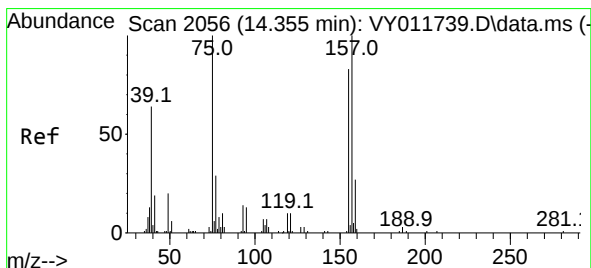
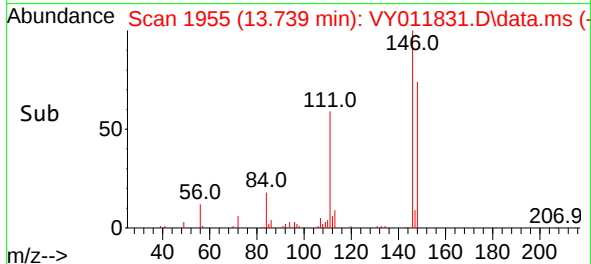
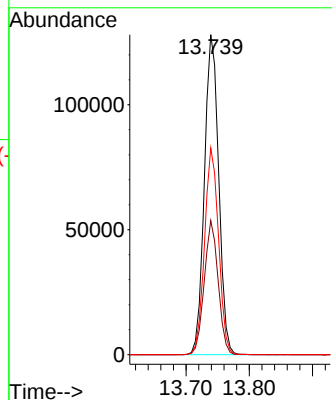
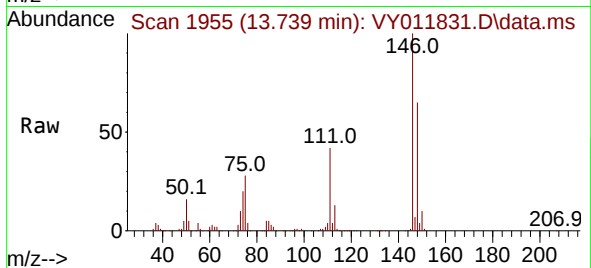
#91
1,2-Dichlorobenzene
Concen: 48.642 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 201329
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 63.5 31.8 95.4

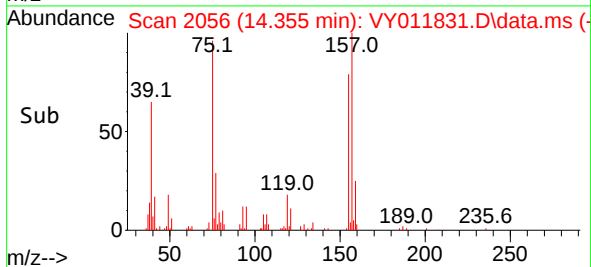
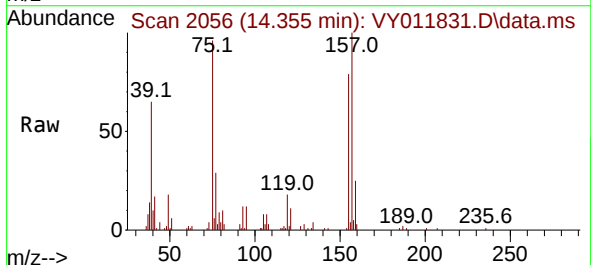
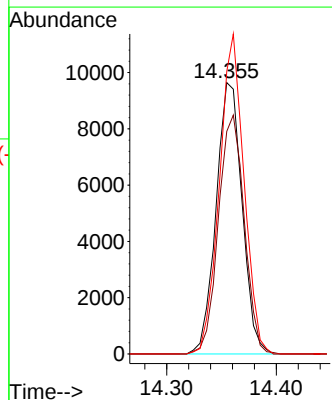
Manual Integrations
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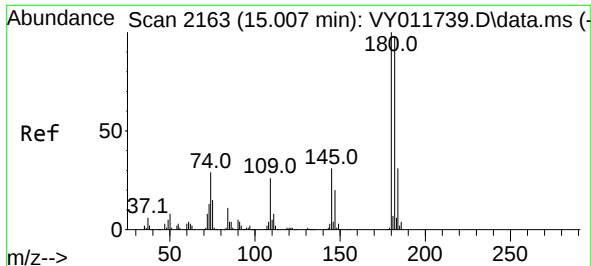
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.790 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

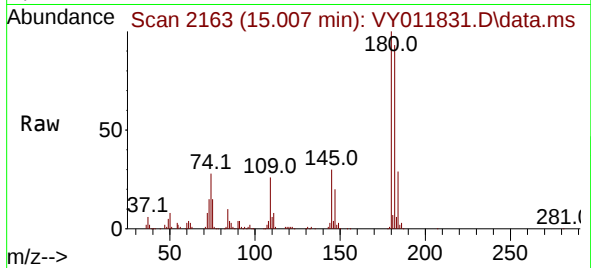
Tgt Ion: 75 Resp: 15884
Ion Ratio Lower Upper
75 100
155 87.4 42.3 126.8
157 111.4 54.4 163.3





#93
1,2,4-Trichlorobenzene
Concen: 47.933 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

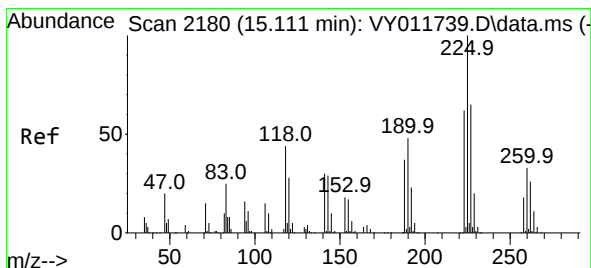
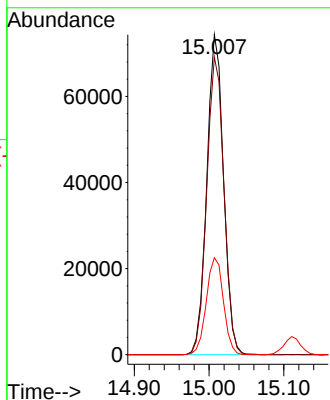
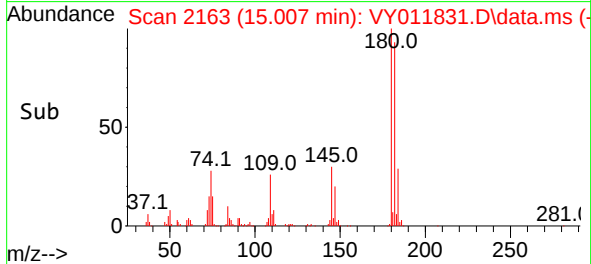
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



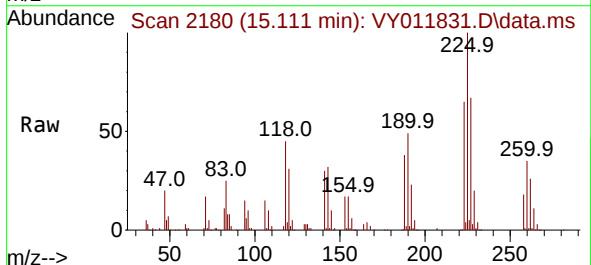
Tgt Ion:180 Resp: 115712
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 31.0 15.4 46.4

Manual Integrations
APPROVED

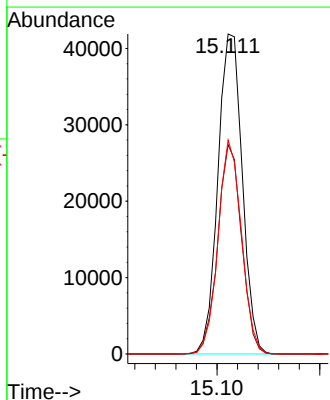
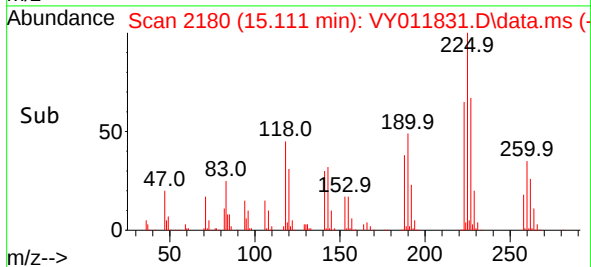
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

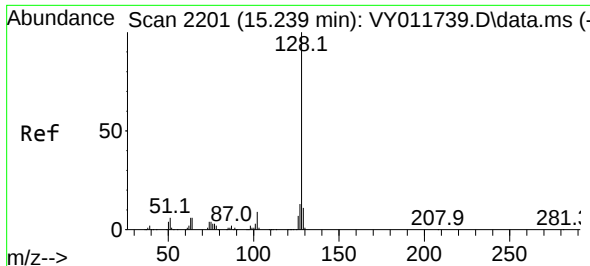


#94
Hexachlorobutadiene
Concen: 45.022 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



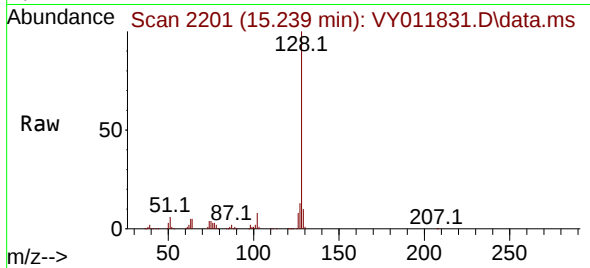
Tgt Ion:225 Resp: 69056
Ion Ratio Lower Upper
225 100
223 63.4 31.4 94.2
227 64.0 32.6 97.8





#95
Naphthalene
Concen: 51.388 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54

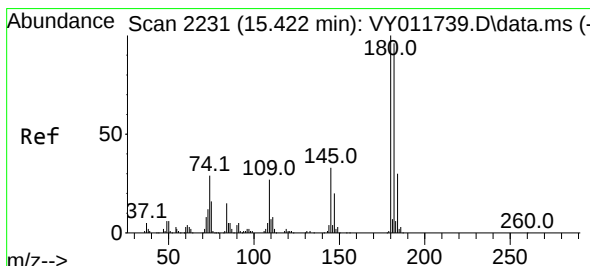
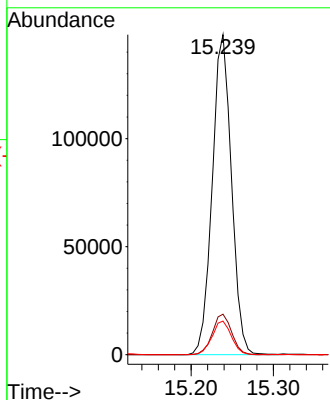
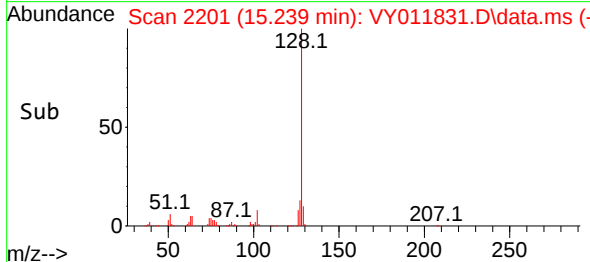
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



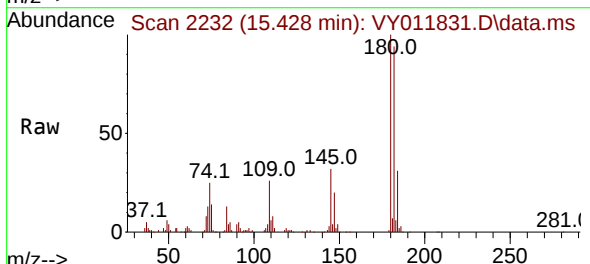
Tgt Ion:128 Resp: 240268
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.570 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011831.D
Acq: 14 Dec 2022 06:54



Tgt Ion:180 Resp: 101277
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.7
145 33.1 16.1 48.2

