

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013489.D
 Acq On : 27 Apr 2023 13:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 27 16:13:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	407483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165854	52.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.080%			
35) Dibromofluoromethane	7.710	113	146901	51.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.179	98	508672	50.240	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.477	95	182308	53.410	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	139595	50.994	ug/l	99
3) Chloromethane	2.113	50	180501	49.191	ug/l	99
4) Vinyl Chloride	2.247	62	174696	47.815	ug/l	99
5) Bromomethane	2.650	94	133532	45.864	ug/l	99
6) Chloroethane	2.790	64	121192	48.016	ug/l	96
7) Trichlorofluoromethane	3.125	101	272016	49.147	ug/l	99
8) Diethyl Ether	3.528	74	95939	50.902	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	152358	49.076	ug/l	97
10) Methyl Iodide	4.088	142	190914	48.961	ug/l	99
11) Tert butyl alcohol	4.979	59	84752	238.411	ug/l	100
12) 1,1-Dichloroethene	3.869	96	148828	49.732	ug/l	94
13) Acrolein	3.729	56	72411	263.009	ug/l	95
14) Allyl chloride	4.473	41	286234	51.548	ug/l	96
15) Acrylonitrile	5.161	53	293867	278.402	ug/l	99
16) Acetone	3.954	43	296332	238.386	ug/l	99
17) Carbon Disulfide	4.192	76	481483	49.531	ug/l	99
18) Methyl Acetate	4.473	43	219484	53.459	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	455461	52.718	ug/l	97
20) Methylene Chloride	4.710	84	192627	49.361	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	172764	52.801	ug/l	97
22) Diisopropyl ether	6.112	45	611263	56.321	ug/l	93
23) Vinyl Acetate	6.058	43	1908383	310.555	ug/l	95
24) 1,1-Dichloroethane	6.015	63	325610	53.830	ug/l	98
25) 2-Butanone	6.990	43	426987	270.846	ug/l	91
26) 2,2-Dichloropropane	6.978	77	258765	49.645	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	193043	53.398	ug/l	95
28) Bromochloromethane	7.332	49	118556	55.232	ug/l #	78
29) Tetrahydrofuran	7.344	42	272323	277.503	ug/l	91
30) Chloroform	7.502	83	327461	54.449	ug/l	99
31) Cyclohexane	7.783	56	274935	48.648	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	284289	52.973	ug/l	98
36) 1,1-Dichloropropene	7.917	75	242249	51.285	ug/l	97
37) Ethyl Acetate	7.070	43	189206	53.228	ug/l	96
38) Carbon Tetrachloride	7.899	117	257253	51.962	ug/l	95
39) Methylcyclohexane	9.179	83	283136	50.845	ug/l	93
40) Benzene	8.155	78	708095	53.218	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	82960m	50.083	ug/l	
42) 1,2-Dichloroethane	8.234	62	238518	54.831	ug/l	99
43) Isopropyl Acetate	8.271	43	329650	54.943	ug/l	95
44) Trichloroethene	8.935	130	180858	51.100	ug/l	94
45) 1,2-Dichloropropane	9.216	63	192989	55.473	ug/l	99
46) Dibromomethane	9.301	93	113207	54.385	ug/l	94
47) Bromodichloromethane	9.496	83	258352	55.466	ug/l	98
48) Methyl methacrylate	9.289	41	156592	56.828	ug/l	91
49) 1,4-Dioxane	9.313	88	32636	1097.763	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	951105	284.473	ug/l	95
52) Toluene	10.240	92	426367	53.250	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	269499	54.670	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	296770	53.502	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	149459	54.218	ug/l	99
56) Ethyl methacrylate	10.508	69	219523	57.400	ug/l	90
57) 1,3-Dichloropropane	10.788	76	255985	54.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	381519	266.034	ug/l	91
59) 2-Hexanone	10.831	43	682659	280.886	ug/l	96
60) Dibromochloromethane	10.984	129	183324	54.769	ug/l	99
61) 1,2-Dibromoethane	11.087	107	146166	53.931	ug/l	100
64) Tetrachloroethene	10.715	164	156154	50.396	ug/l	99
65) Chlorobenzene	11.514	112	453990	51.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	176618	53.202	ug/l	99
67) Ethyl Benzene	11.593	91	822440	52.764	ug/l	99
68) m/p-Xylenes	11.703	106	624914	105.461	ug/l	97
69) o-Xylene	12.026	106	295565	52.741	ug/l	96
70) Styrene	12.044	104	507293	54.139	ug/l	99
71) Bromoform	12.203	173	125689	54.052	ug/l #	100
73) Isopropylbenzene	12.325	105	777972	51.625	ug/l	97
74) N-amyl acetate	12.142	43	295035	55.016	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	197817	53.704	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	138873m	51.683	ug/l	
77) Bromobenzene	12.605	156	191554	52.459	ug/l	90
78) n-propylbenzene	12.672	91	964110	51.940	ug/l	97
79) 2-Chlorotoluene	12.758	91	543874	52.470	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	652101	53.017	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	66924	50.948	ug/l	94
82) 4-Chlorotoluene	12.855	91	560865	51.914	ug/l	98
83) tert-Butylbenzene	13.075	119	553126	51.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	635424	53.136	ug/l	100
85) sec-Butylbenzene	13.251	105	820651	51.313	ug/l	98
86) p-Isopropyltoluene	13.367	119	673155	52.340	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	363476	52.249	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	360922	51.360	ug/l	100
89) n-Butylbenzene	13.696	91	645127	51.394	ug/l	98
90) Hexachloroethane	13.959	117	137675	50.862	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	336002	53.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34244	52.639	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	204802	54.681	ug/l	97
94) Hexachlorobutadiene	15.111	225	116307	53.357	ug/l	99
95) Naphthalene	15.233	128	467585	57.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	190478	57.059	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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Supervised By :Mahesh Dadoda 04/28/2023

Abundance

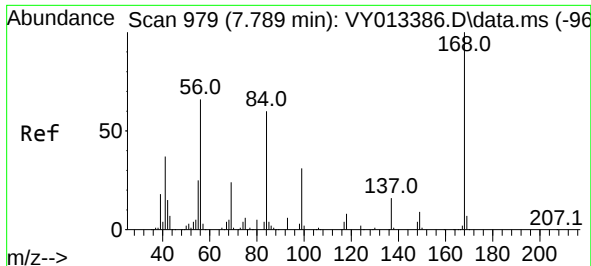
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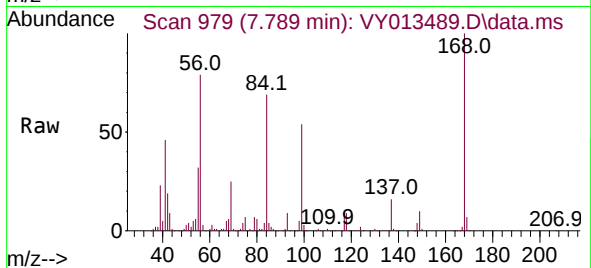
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700000
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200000
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Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
1,1,1-Trichloroethane, T
Methyl Isocyanide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl 1,2-Dichloroethane, T
1,1-Dichloroethane, T
Diisopropyl ether, T
Vinyl Acetate, T
Ethyl Acetate, T
2-Butanone, T
2,2,4,4-Tetrachloropentane, T
Methacrylonitrile, T
Formaldehyde, T
Chloroform, C
1,1,1-Trichloroethane, T
1,1-Dichloroethane, T
1,2-Dichloroethane, T
1,2-Dichloroethane-d4, S
Benzene, TM
1,4-Difluorobenzene, I
Trichloroethene, TM
1,4-Dioxane, T
Methylcyclohexane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
Toluene, CM
Ethyl acetate, T
1,1,2-Trichloroethane, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
1,2-Dibromomethane, T
Chlorobenzene, T
1,2-Dichlorobenzene, PM
N-amyl acetate, T
Bromotoluene, P
trans-1,4-Dichloro-2-butene, T
1,4-Dichlorobenzene, S
Bromobenzene, T
propylbenzene, T
2-Chloropropene, T
1,3,5-Trimethylbenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2,4-Trimethylbenzene, T
1,2,4,6-Tetrachlorobenzene, T
p-Butylbenzene, T
n-Butylbenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013489.D
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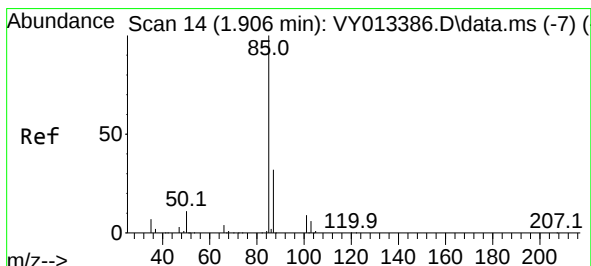
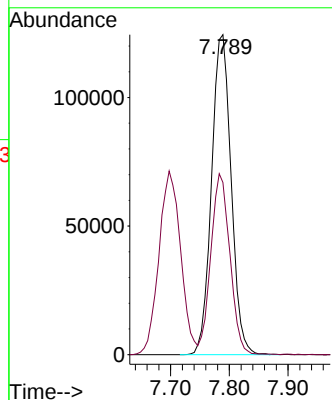
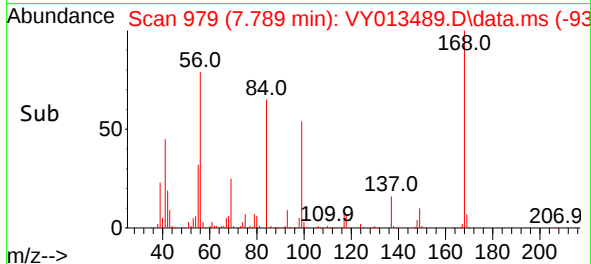
Instrument :
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VSTDCCC050



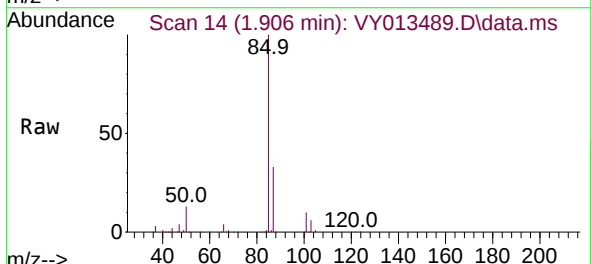
Tgt Ion:168 Resp: 28794
Ion Ratio Lower Upper
168 100
99 53.7 41.8 62.6

Manual Integrations
APPROVED

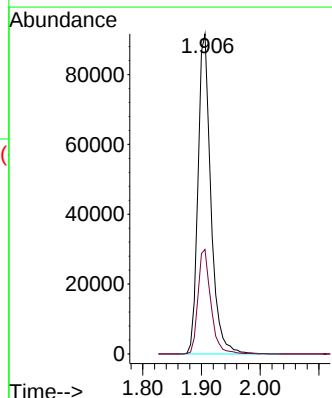
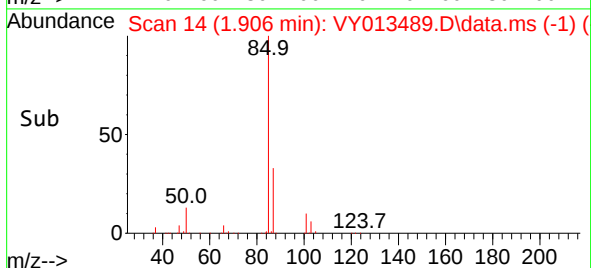
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

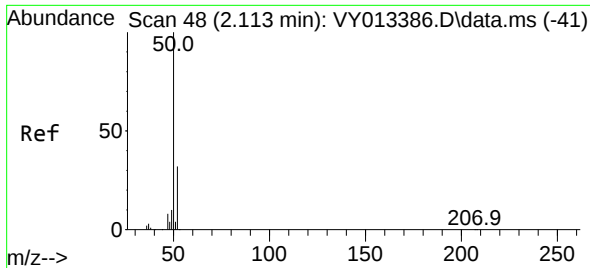


#2
Dichlorodifluoromethane
Concen: 50.994 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



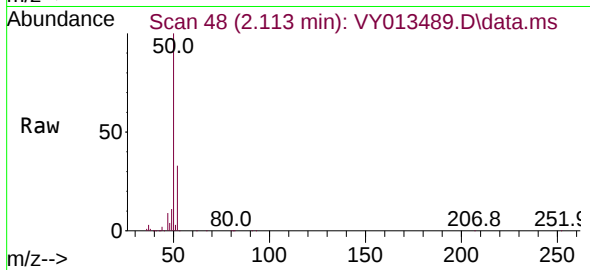
Tgt Ion: 85 Resp: 139595
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2





#3
Chloromethane
Concen: 49.191 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

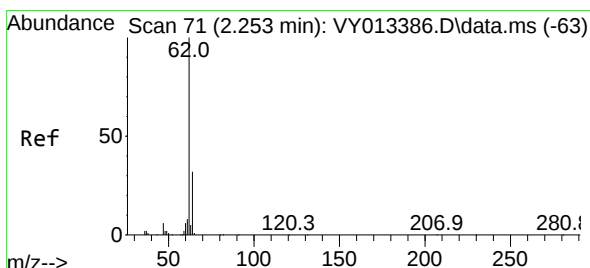
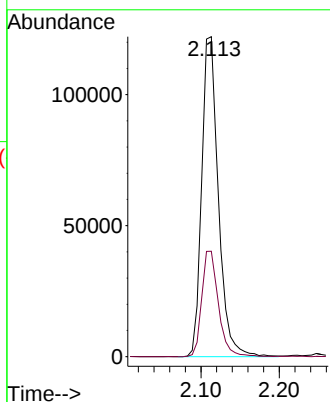
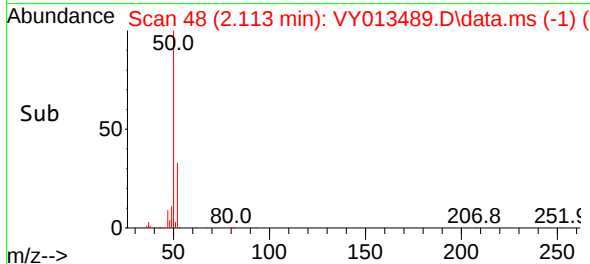
Instrument :
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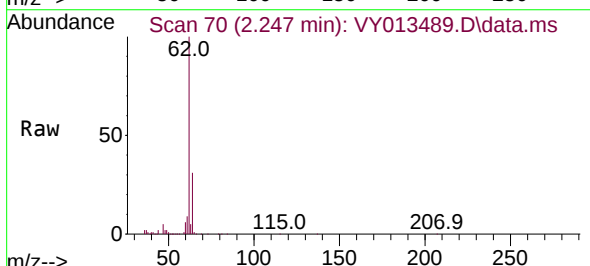
Tgt Ion: 50 Resp: 18050
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

Manual Integrations
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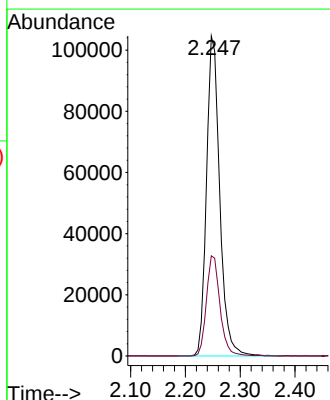
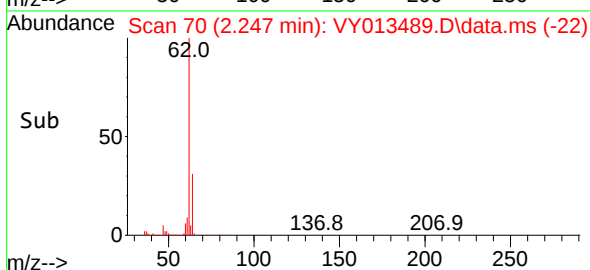
Reviewed By :Krupa Patel 04/28/2023
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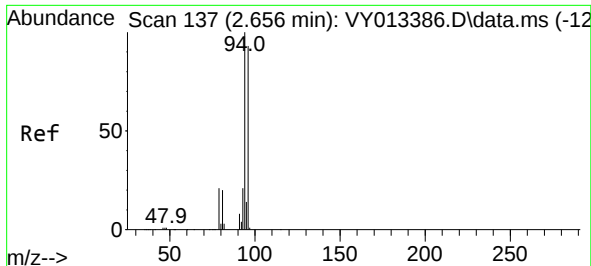


#4
Vinyl Chloride
Concen: 47.815 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013489.D
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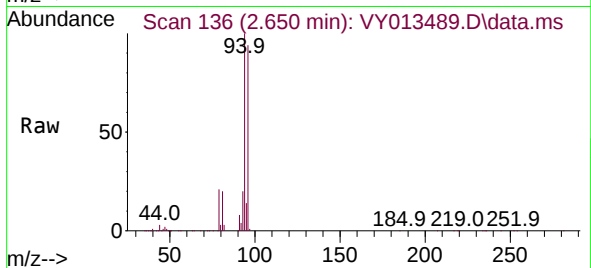
Tgt Ion: 62 Resp: 174696
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 45.864 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

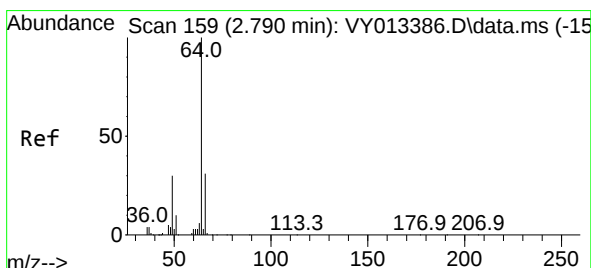
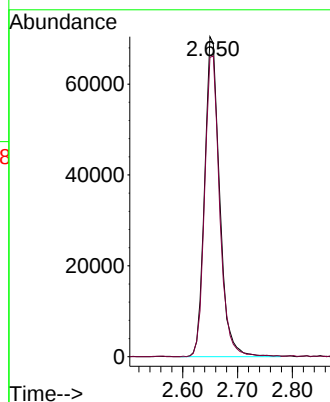
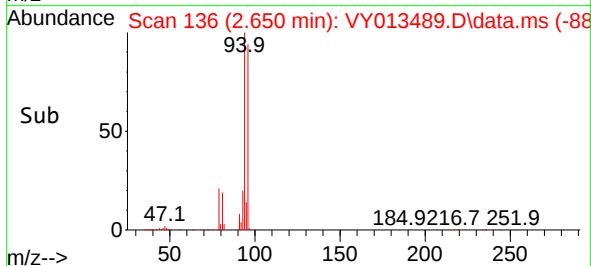
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 13353
Ion Ratio Lower Upper
94 100
96 93.5 74.2 111.2

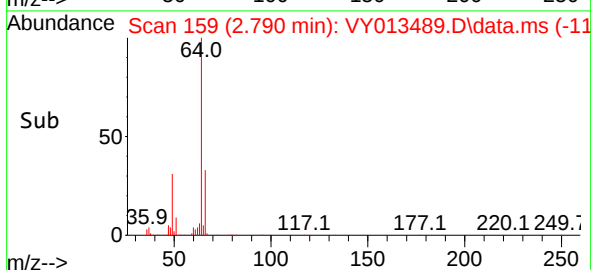
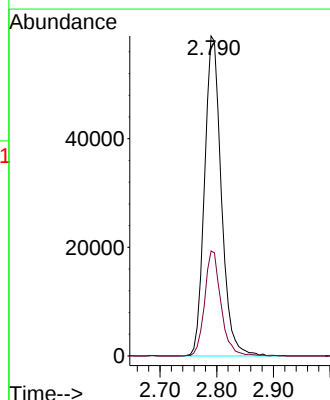
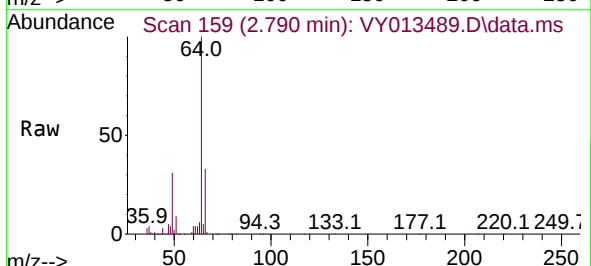
Manual Integrations
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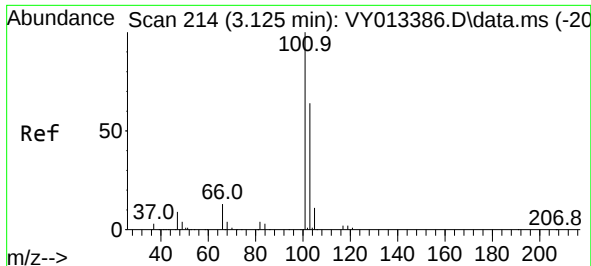
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 48.016 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

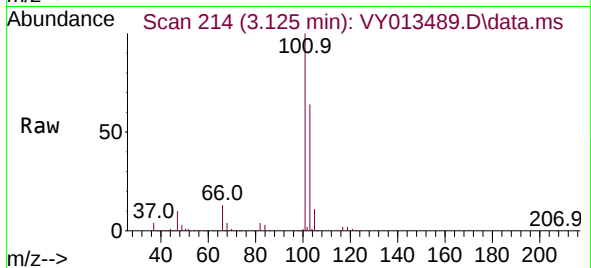
Tgt Ion: 64 Resp: 121192
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 49.147 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

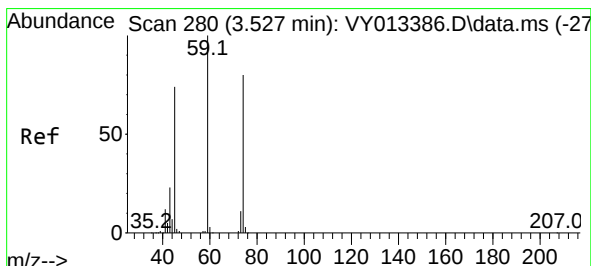
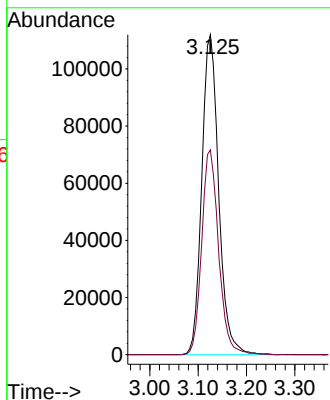
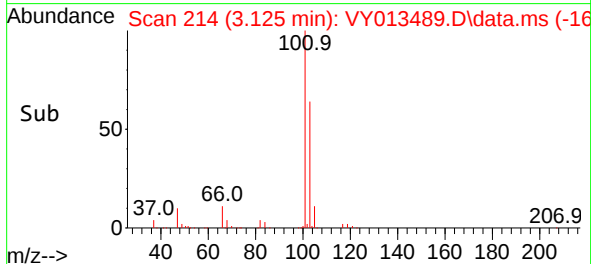
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



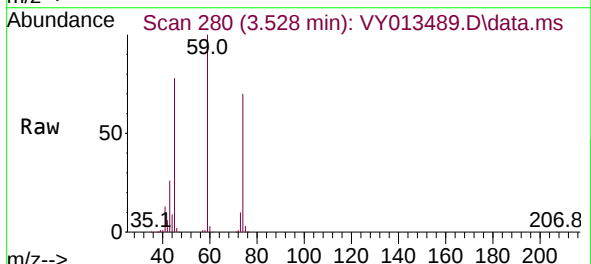
Tgt Ion:101 Resp: 272010
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

Manual Integrations
 APPROVED

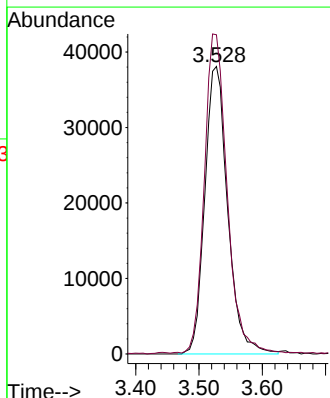
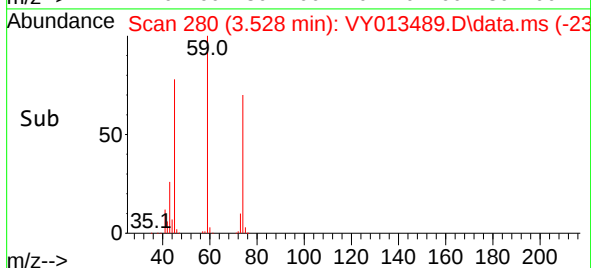
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

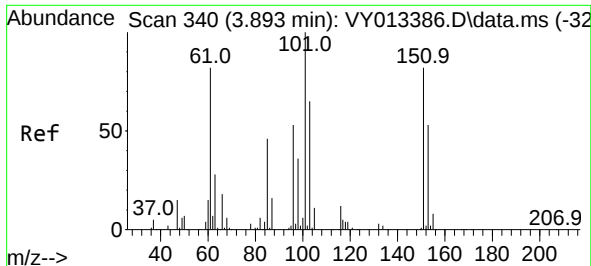


#8
 Diethyl Ether
 Concen: 50.902 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36



Tgt Ion: 74 Resp: 95939
 Ion Ratio Lower Upper
 74 100
 45 110.4 48.2 144.6





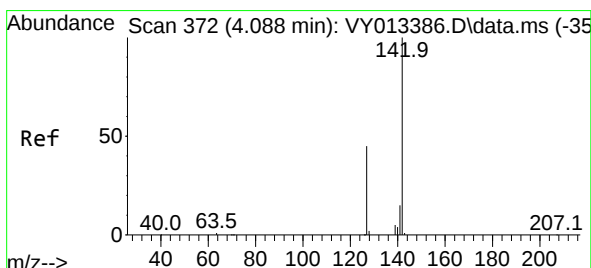
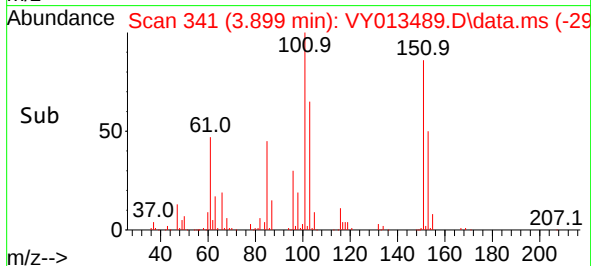
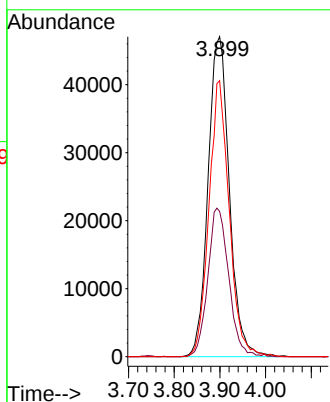
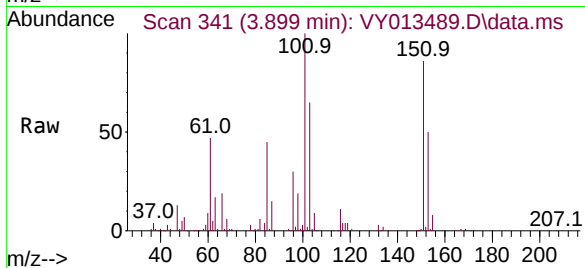
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.076 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 152358
Ion Ratio Lower Upper
101 100
85 45.7 35.6 53.4
151 82.2 68.0 102.0

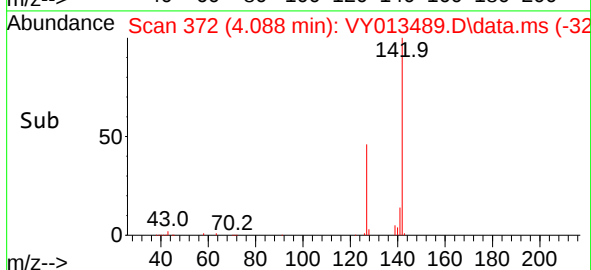
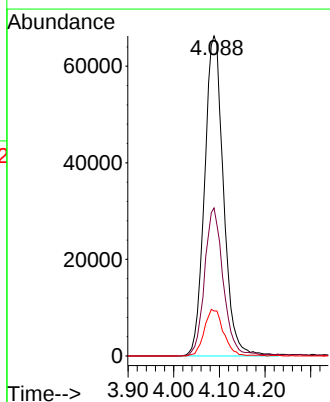
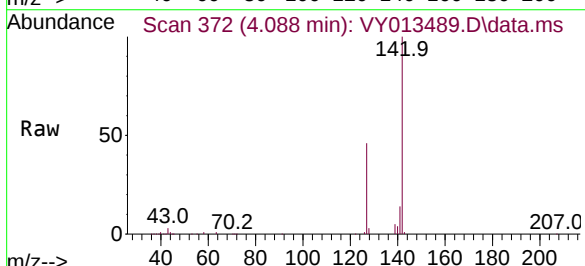
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 48.961 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

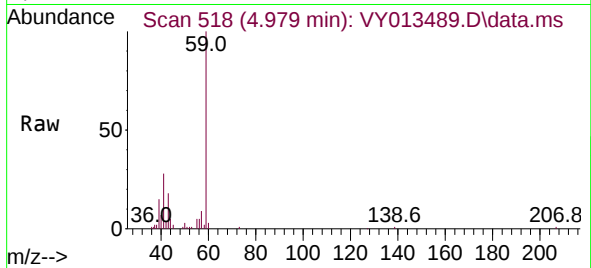
Tgt Ion:142 Resp: 190914
Ion Ratio Lower Upper
142 100
127 45.7 36.1 54.1
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 238.411 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

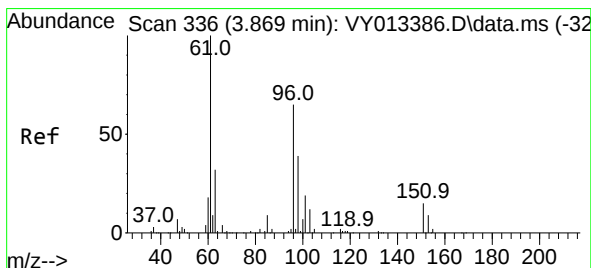
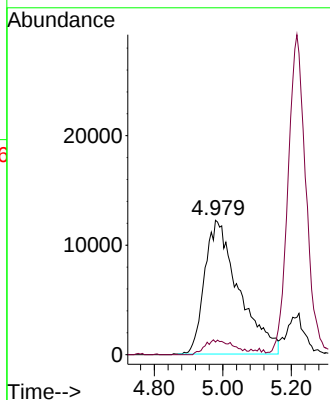
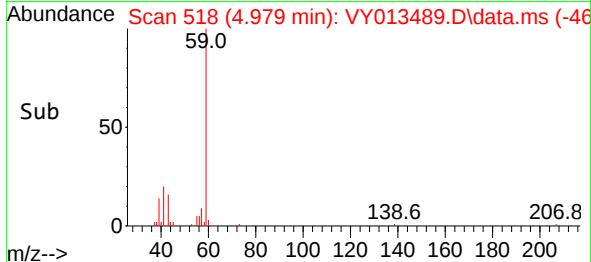
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



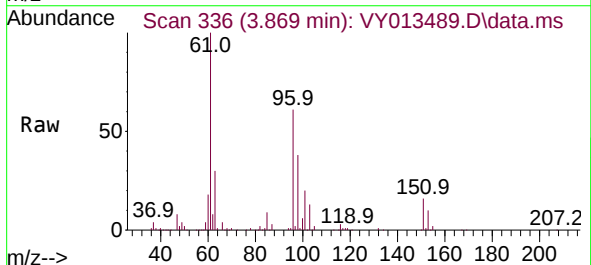
Tgt Ion: 59 Resp: 84752
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.4

Manual Integrations
APPROVED

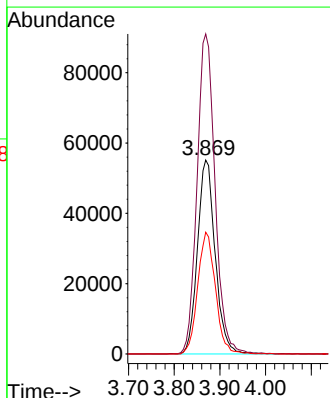
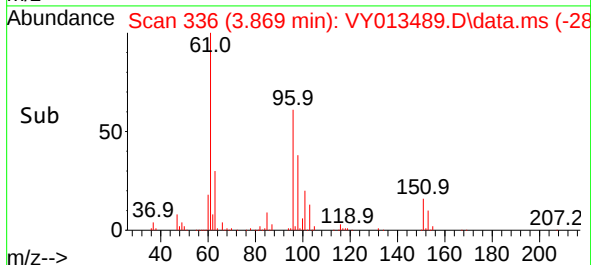
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

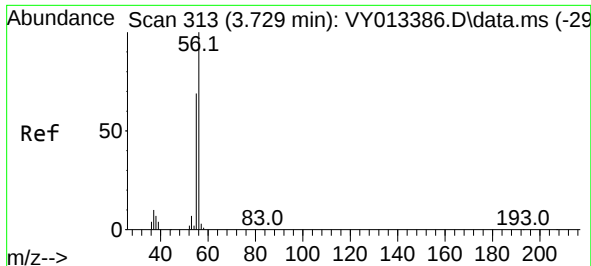


#12
1,1-Dichloroethene
Concen: 49.732 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



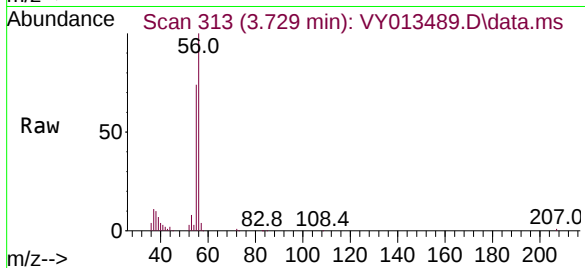
Tgt Ion: 96 Resp: 148828
Ion Ratio Lower Upper
96 100
61 164.8 123.9 185.9
98 62.8 48.9 73.3





#13
Acrolein
Concen: 263.009 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

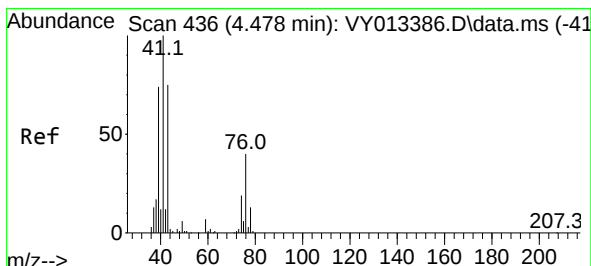
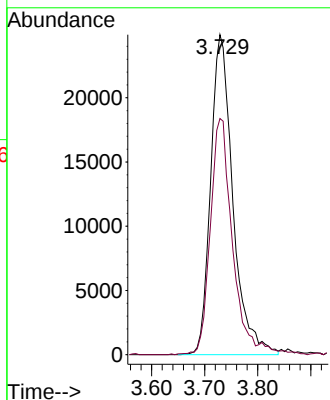
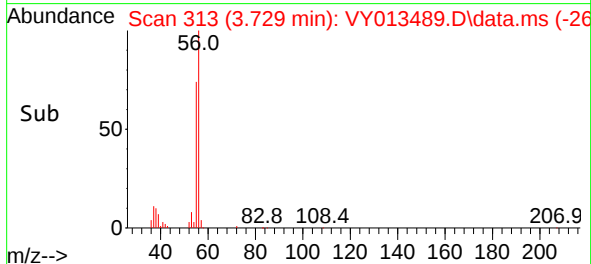
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



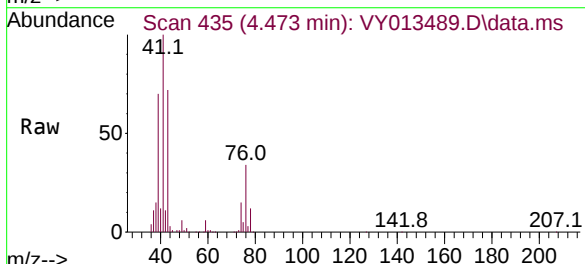
Tgt Ion: 56 Resp: 7241
Ion Ratio Lower Upper
56 100
55 71.7 54.1 81.1

Manual Integrations
APPROVED

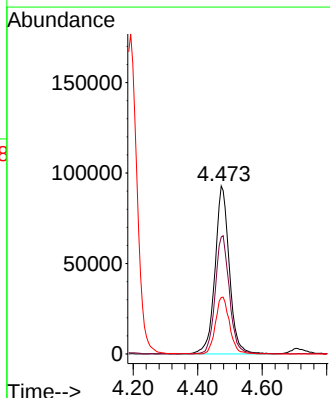
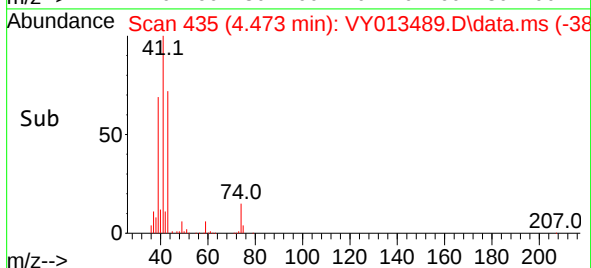
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

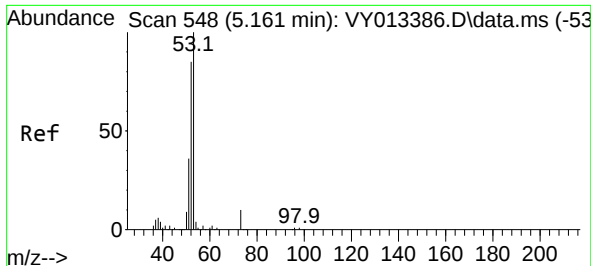


#14
Allyl chloride
Concen: 51.548 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



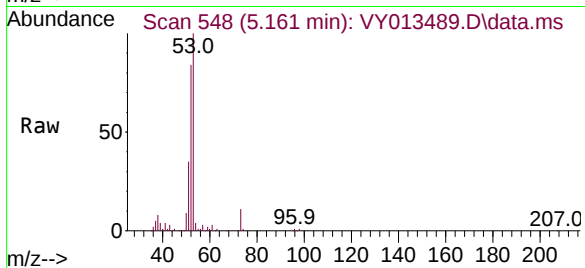
Tgt Ion: 41 Resp: 286234
Ion Ratio Lower Upper
41 100
39 69.0 56.6 85.0
76 33.1 30.5 45.7





#15
Acrylonitrile
Concen: 278.402 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

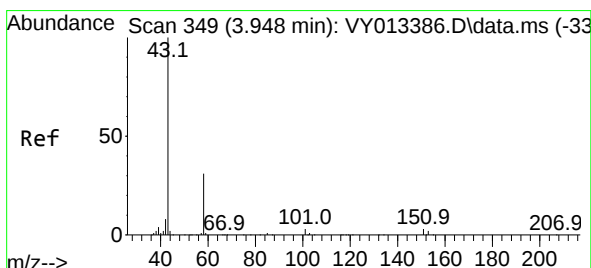
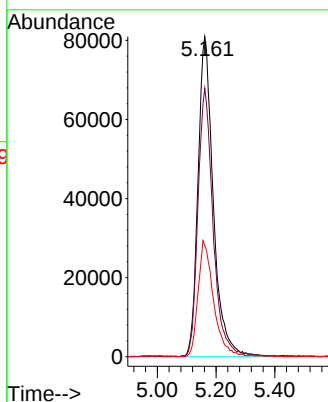
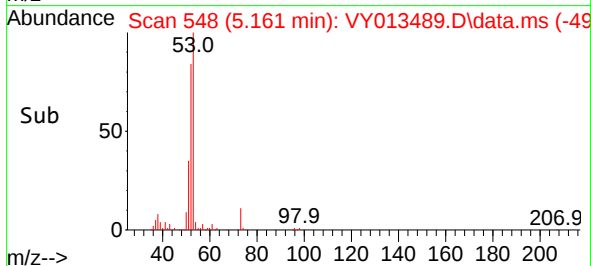
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 29386
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 36.4 29.3 43.9

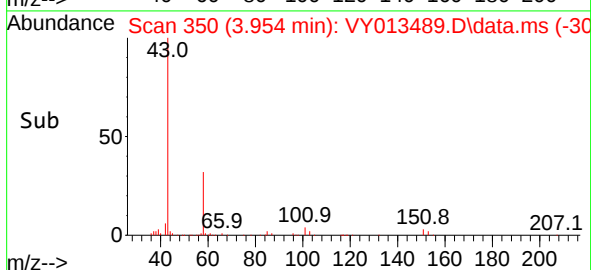
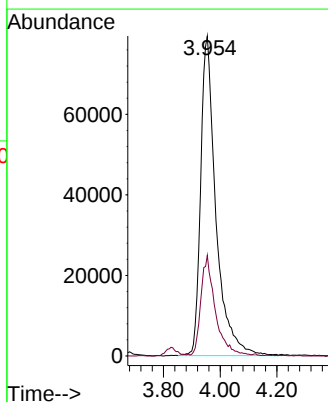
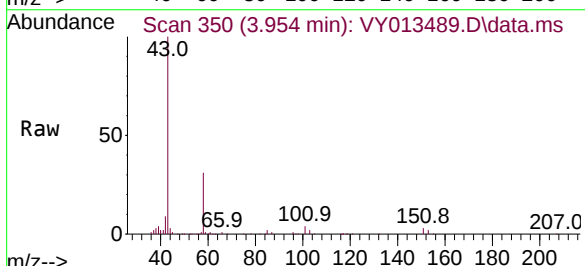
Manual Integrations
APPROVED

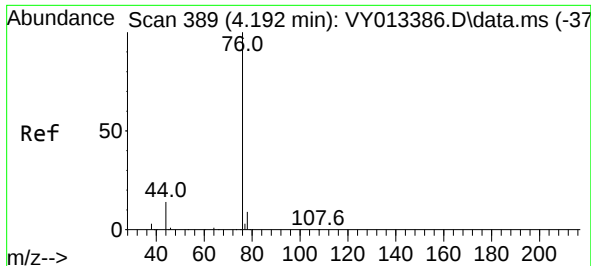
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
Acetone
Concen: 238.386 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

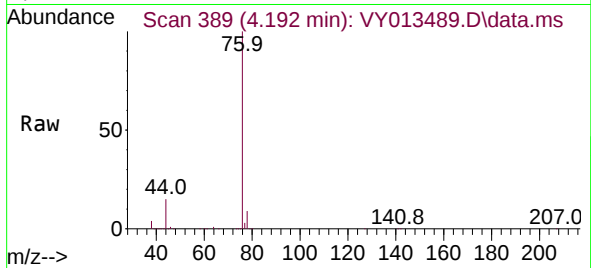
Tgt Ion: 43 Resp: 296332
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.0





#17
Carbon Disulfide
Concen: 49.531 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

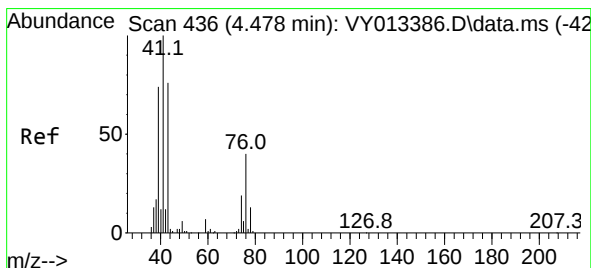
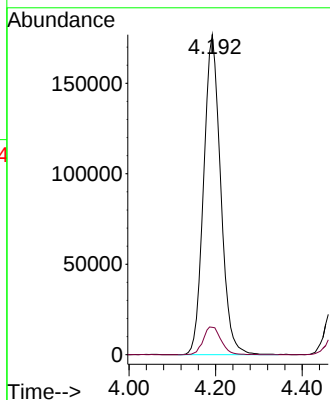
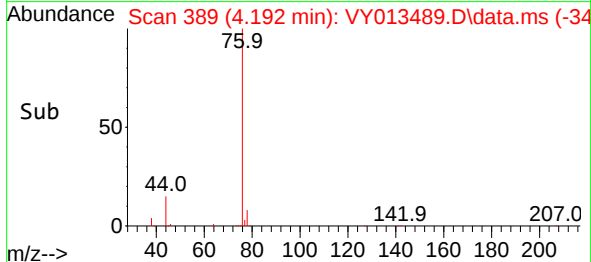
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



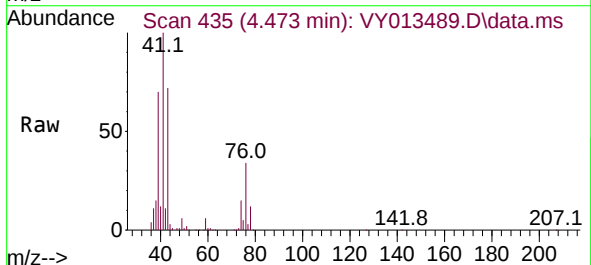
Tgt Ion: 76 Resp: 48148
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
APPROVED

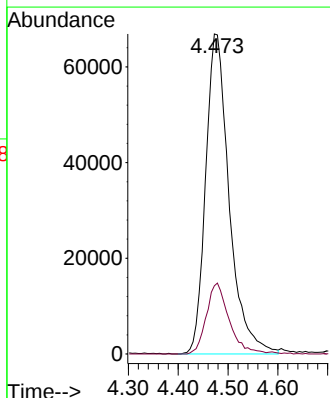
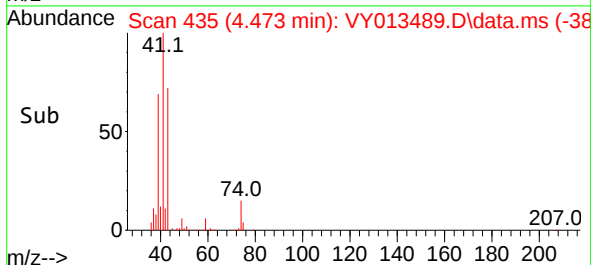
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

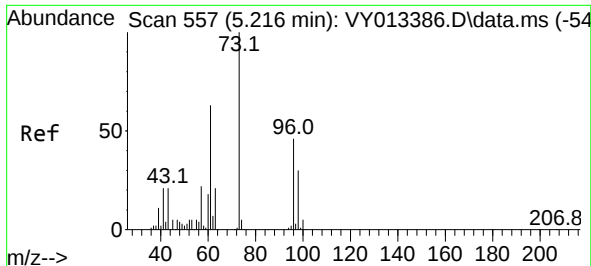


#18
Methyl Acetate
Concen: 53.459 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



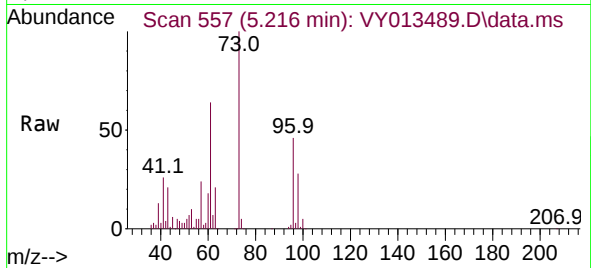
Tgt Ion: 43 Resp: 219484
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.718 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

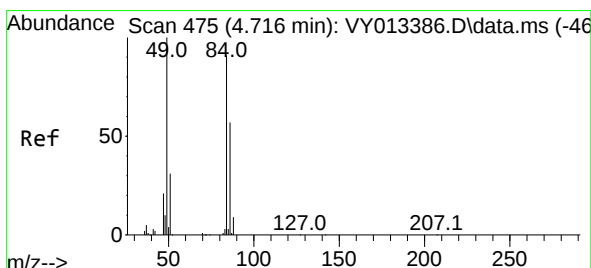
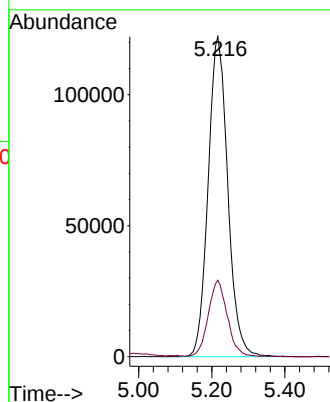
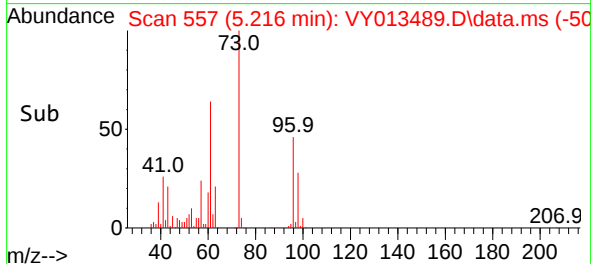
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 45546
Ion Ratio Lower Upper
73 100
57 23.8 17.8 26.8

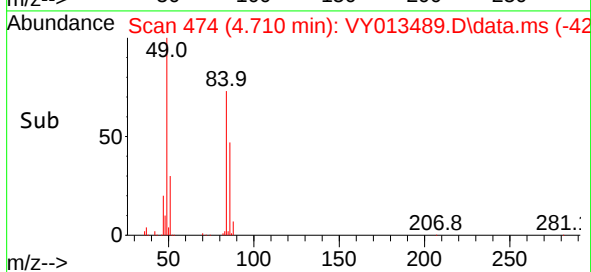
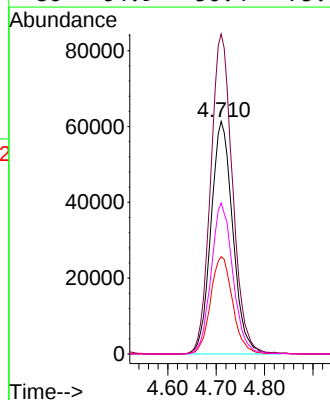
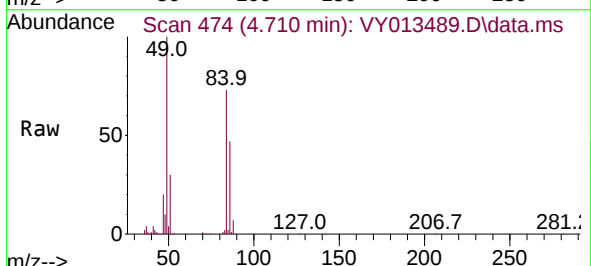
Manual Integrations
APPROVED

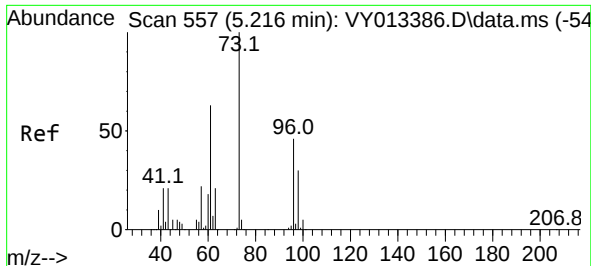
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylene Chloride
Concen: 49.361 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

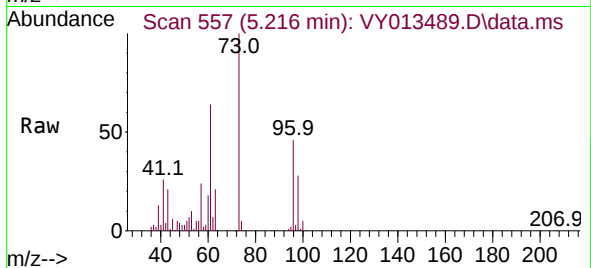
Tgt Ion: 84 Resp: 192627
Ion Ratio Lower Upper
84 100
49 137.7 88.0 132.0#
51 41.8 27.4 41.0#
86 64.9 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 52.801 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

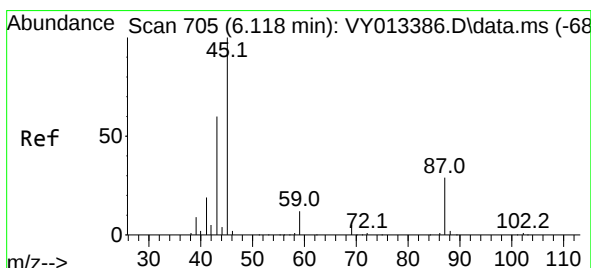
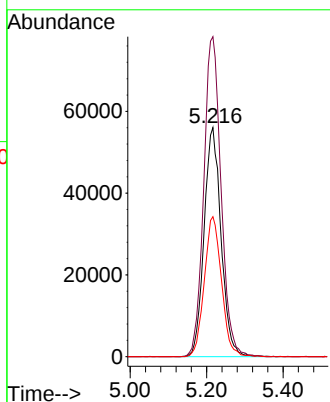
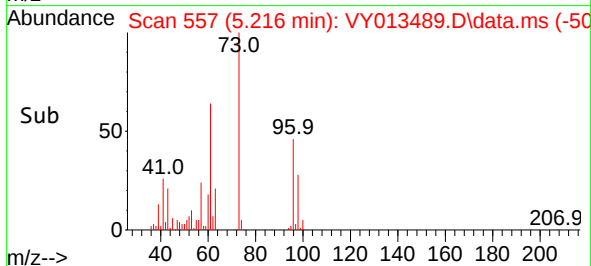
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 172764
Ion Ratio Lower Upper
96 100
61 139.7 110.6 165.8
98 61.2 53.1 79.7

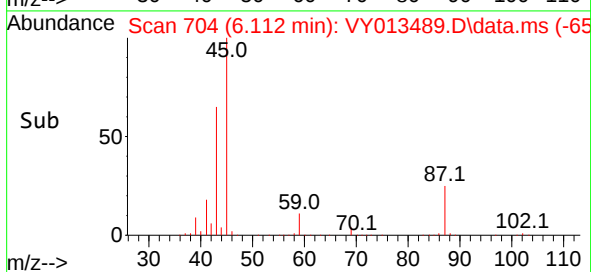
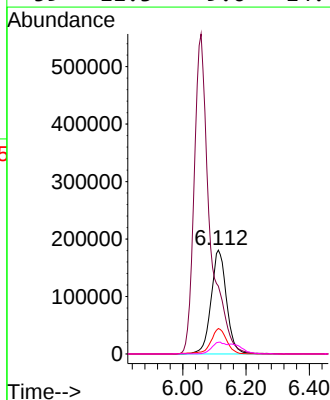
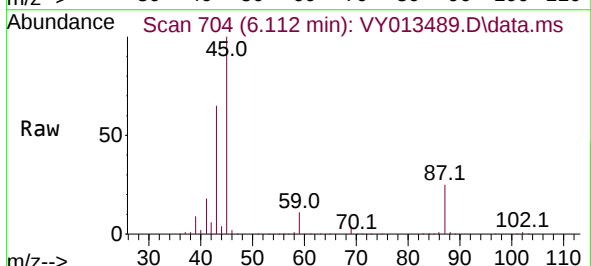
Manual Integrations
APPROVED

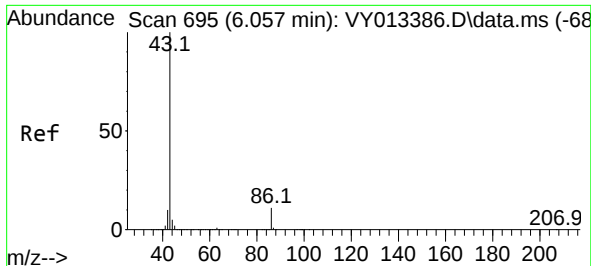
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
Diisopropyl ether
Concen: 56.321 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

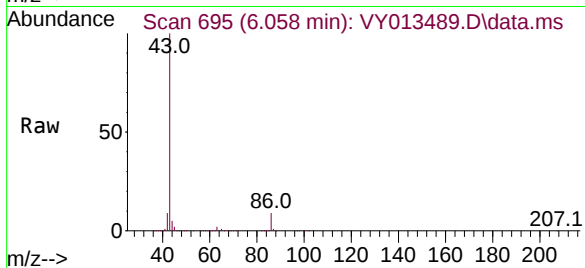
Tgt Ion: 45 Resp: 611263
Ion Ratio Lower Upper
45 100
43 65.2 48.4 72.6
87 24.6 23.8 35.6
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 310.555 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

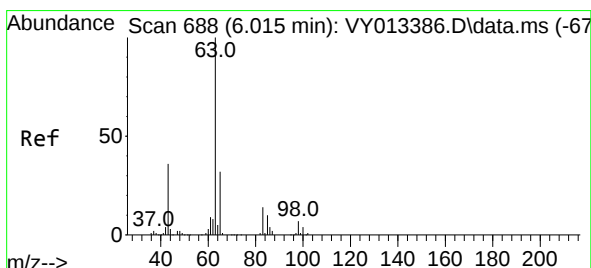
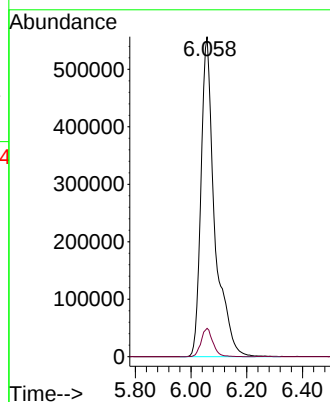
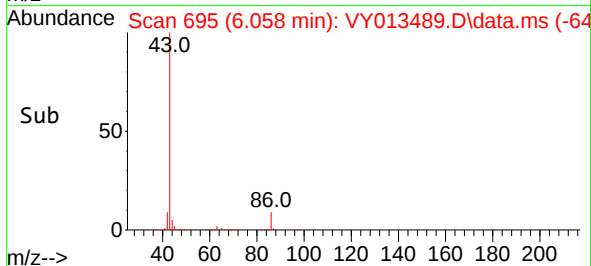
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 190838
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

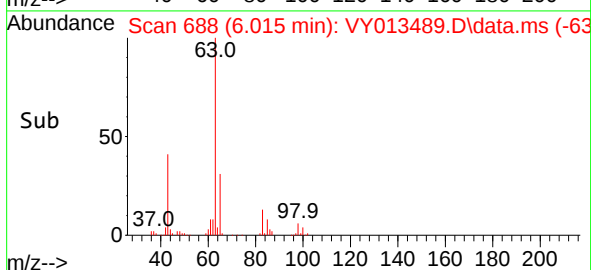
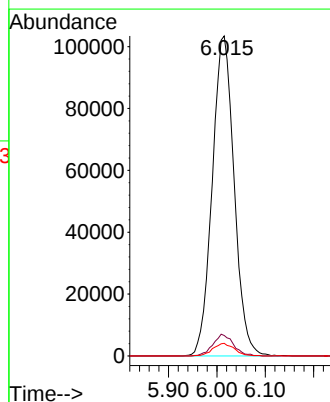
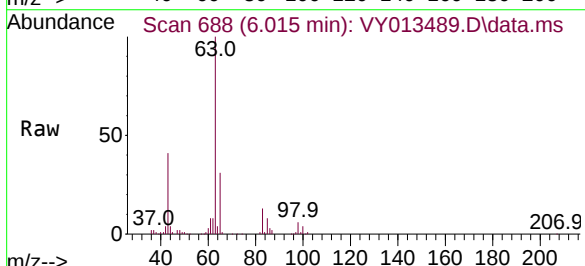
Manual Integrations
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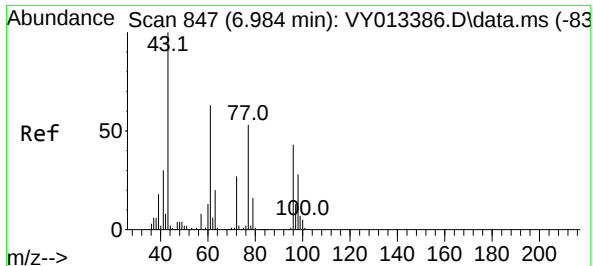
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#24
 1,1-Dichloroethane
 Concen: 53.830 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

Tgt Ion: 63 Resp: 325610
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 270.846 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 42698

Ion Ratio Lower Upper

43 100

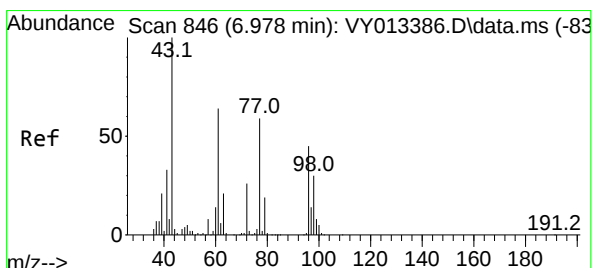
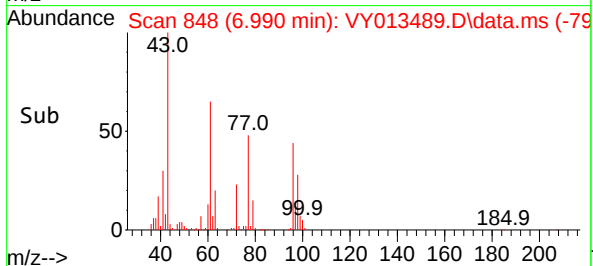
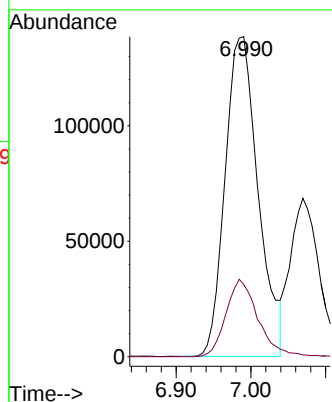
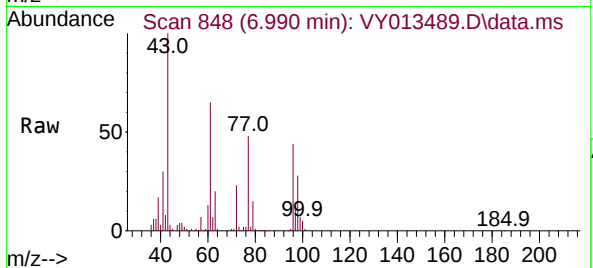
72 22.6 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#26

2,2-Dichloropropane

Concen: 49.645 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013489.D

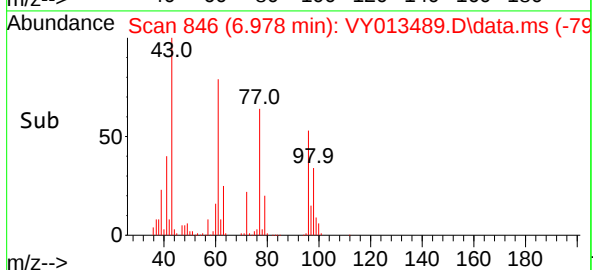
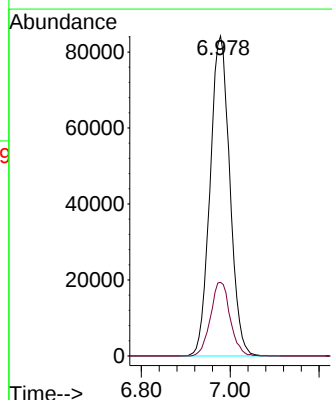
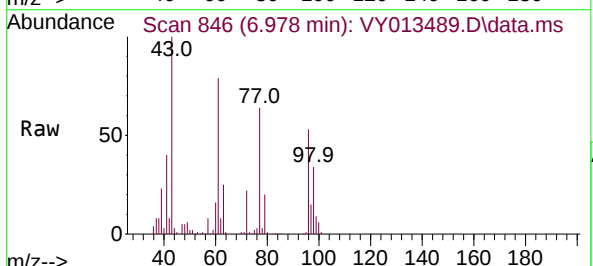
Acq: 27 Apr 2023 13:36

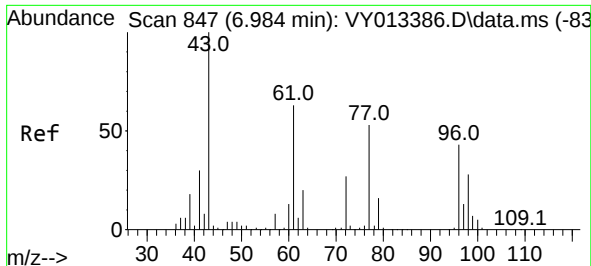
Tgt Ion: 77 Resp: 258765

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.4





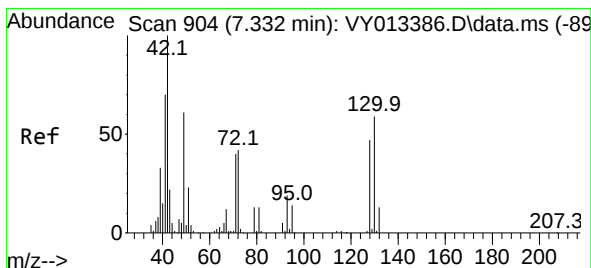
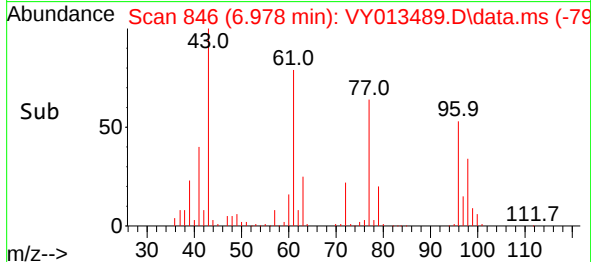
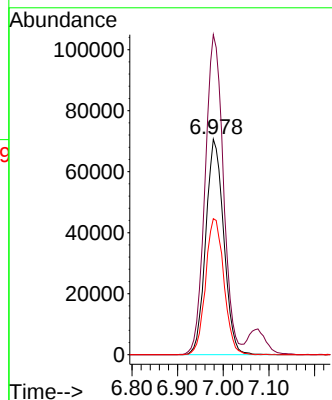
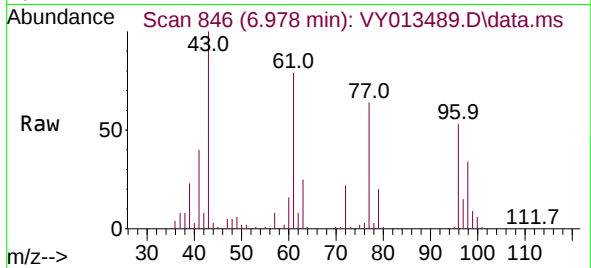
#27
 cis-1,2-Dichloroethene
 Concen: 53.398 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 19304
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 285.0
 98 64.3 0.0 130.6

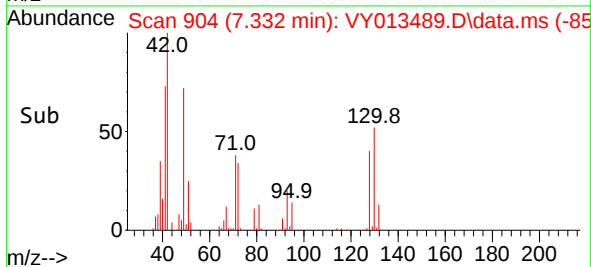
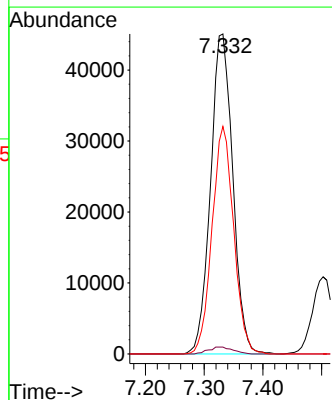
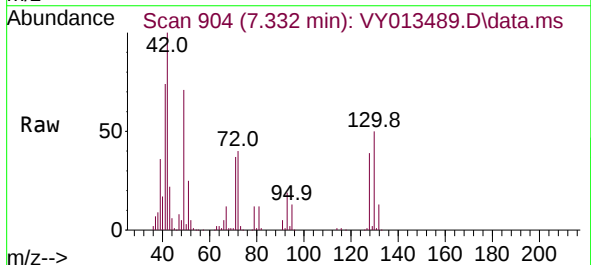
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#28
 Bromochloromethane
 Concen: 55.232 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

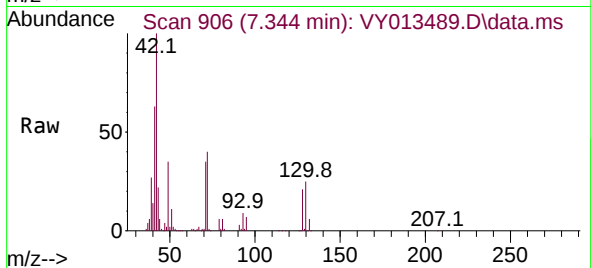
Tgt Ion: 49 Resp: 118556
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 69.2 72.1 108.1#





#29
Tetrahydrofuran
Concen: 277.503 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

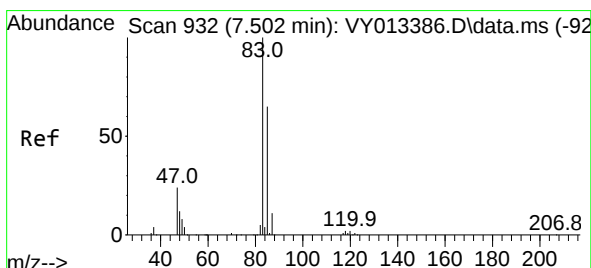
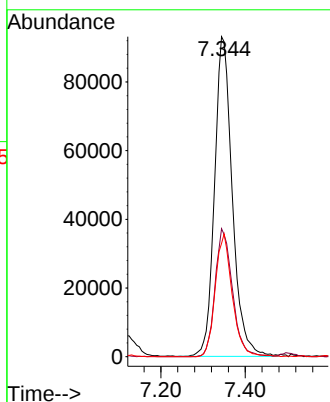
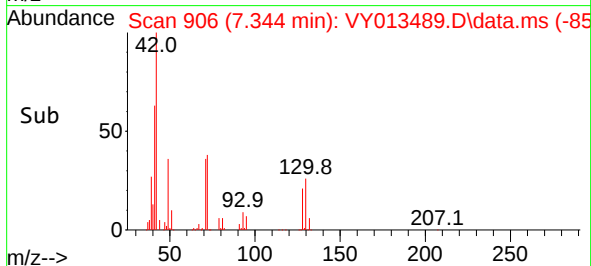
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



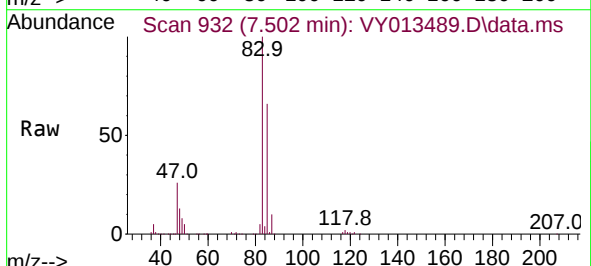
Tgt Ion: 42 Resp: 27232
Ion Ratio Lower Upper
42 100
72 39.2 35.9 53.9
71 36.9 34.3 51.5

Manual Integrations
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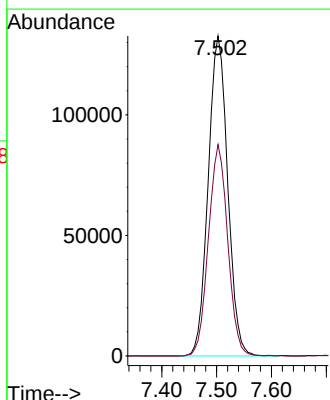
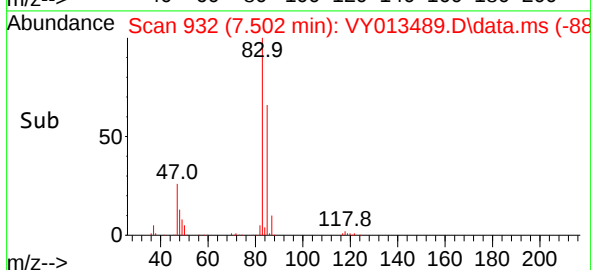
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

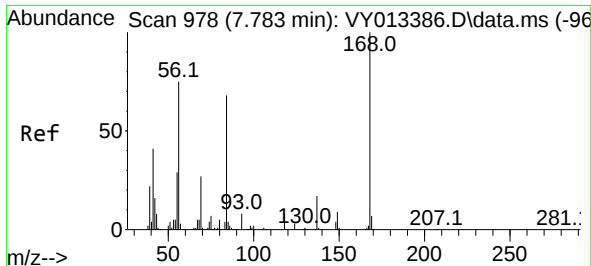


#30
Chloroform
Concen: 54.449 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



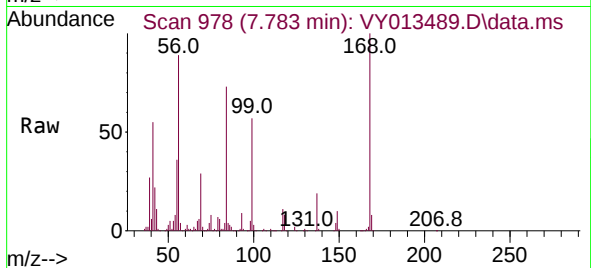
Tgt Ion: 83 Resp: 327461
Ion Ratio Lower Upper
83 100
85 66.0 52.0 78.0





#31
Cyclohexane
Concen: 48.648 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

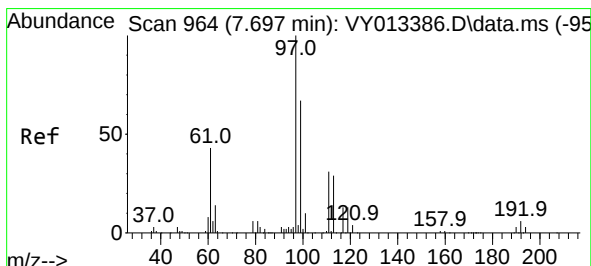
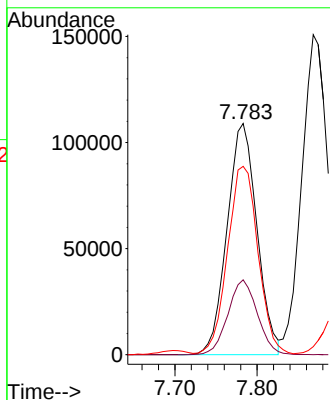
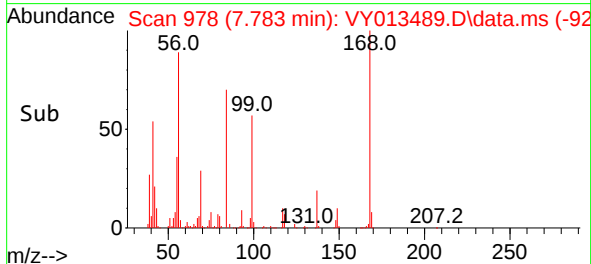
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



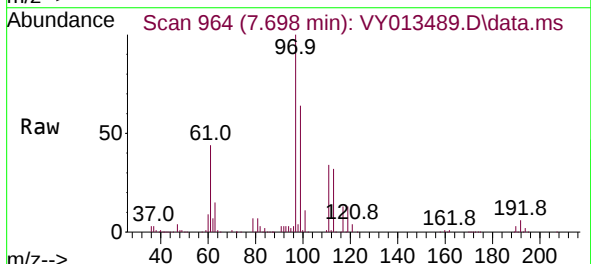
Tgt Ion: 56 Resp: 274935
Ion Ratio Lower Upper
56 100
69 32.4 29.2 43.8
84 79.7 73.0 109.6

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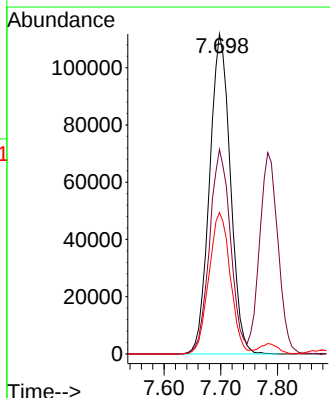
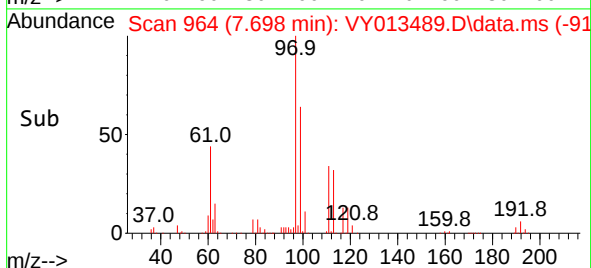
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

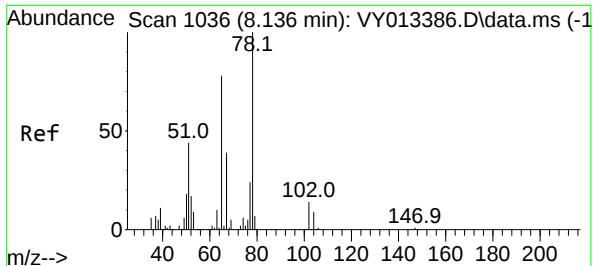


#32
1,1,1-Trichloroethane
Concen: 52.973 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



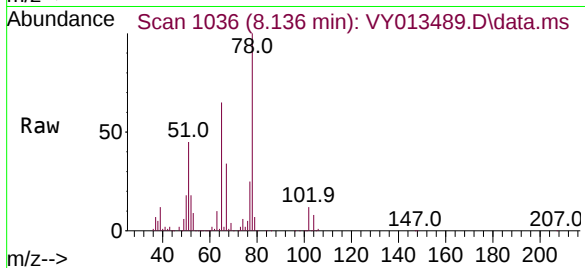
Tgt Ion: 97 Resp: 284289
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.6 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 52.543 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

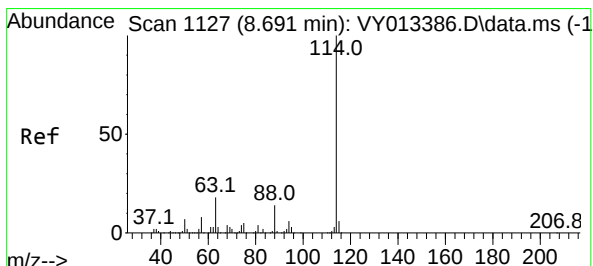
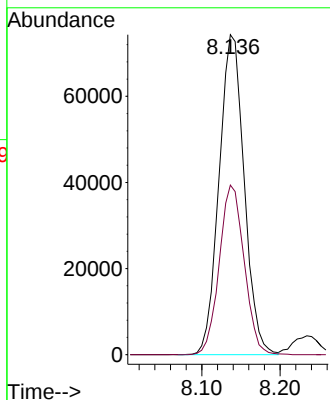
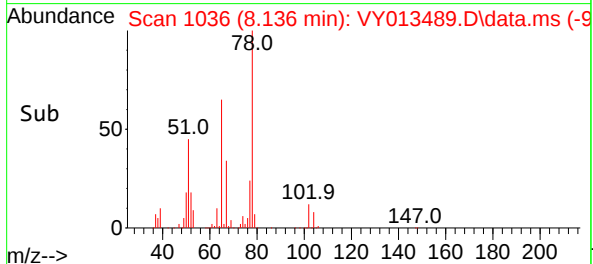
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



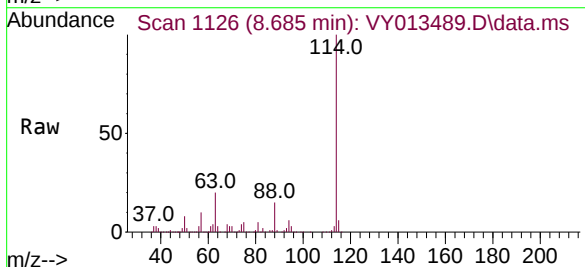
Tgt Ion: 65 Resp: 165854
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

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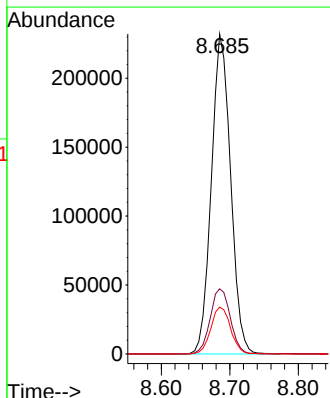
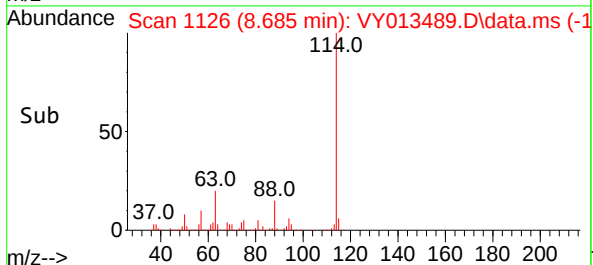
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

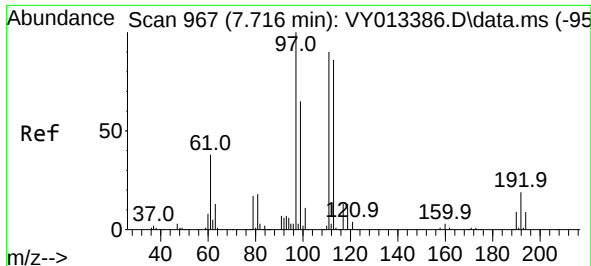


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



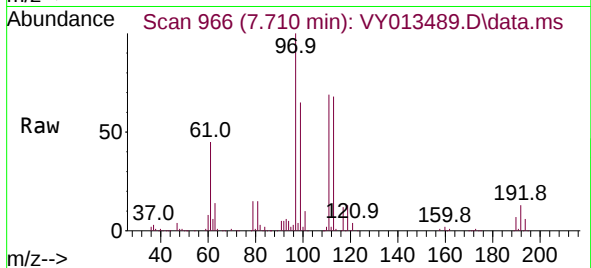
Tgt Ion:114 Resp: 452518
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.6
88 14.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

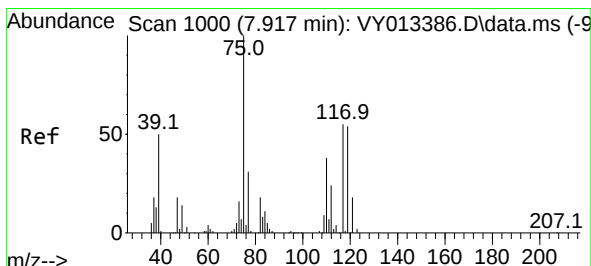
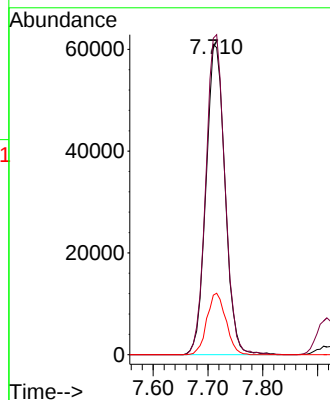
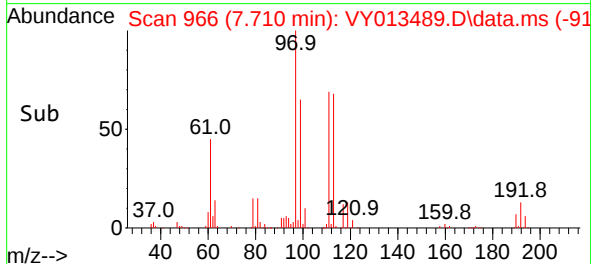
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 14690
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.8 16.7 25.1

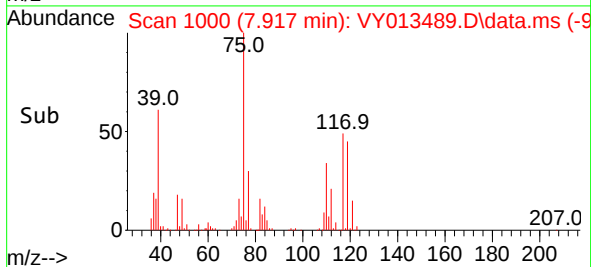
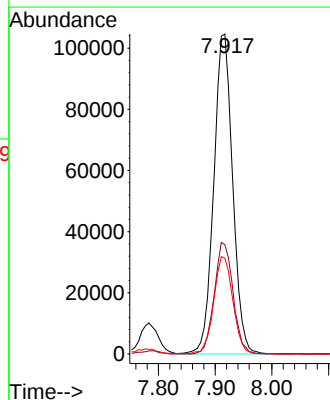
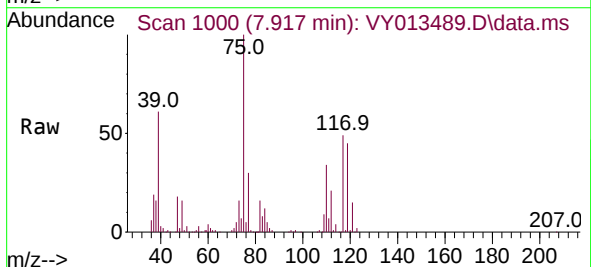
Manual Integrations
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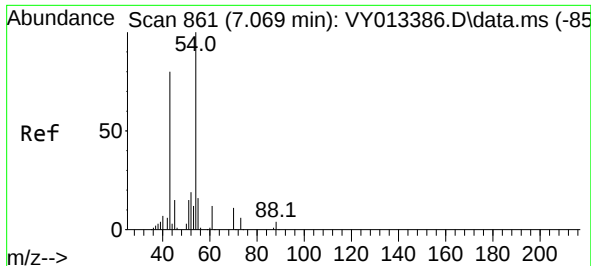
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,1-Dichloropropene
Concen: 51.285 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 75 Resp: 242249
Ion Ratio Lower Upper
75 100
110 34.6 18.7 56.1
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 53.228 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 189200

Ion Ratio Lower Upper

43 100

61 12.6 11.4 17.0

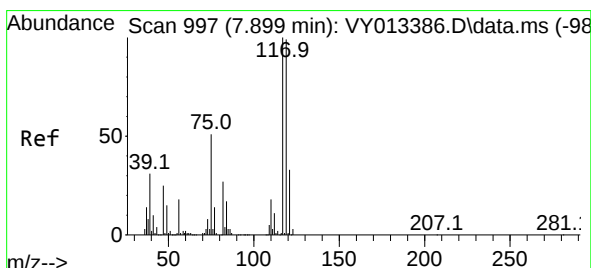
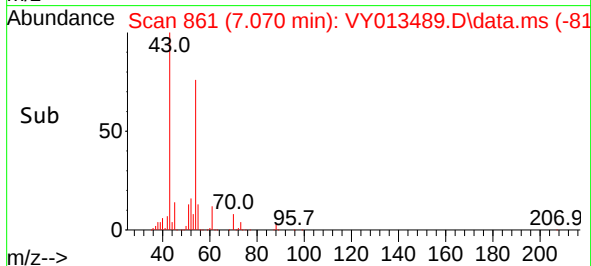
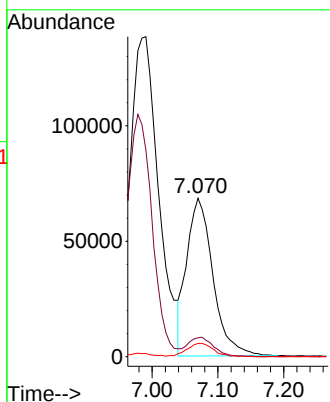
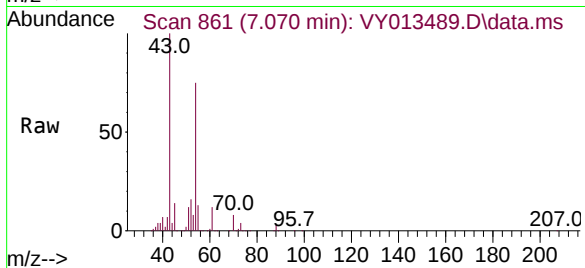
70 8.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

Carbon Tetrachloride

Concen: 51.962 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

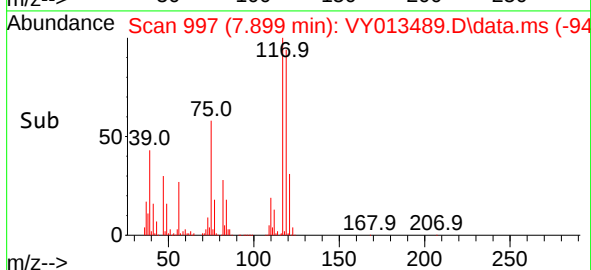
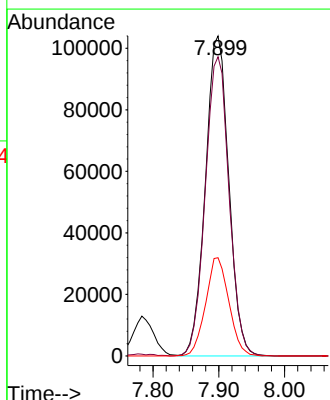
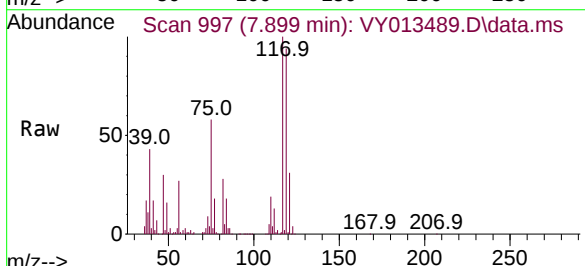
Tgt Ion:117 Resp: 257253

Ion Ratio Lower Upper

117 100

119 93.5 79.0 118.6

121 30.7 26.6 40.0





#39

Methylcyclohexane

Concen: 50.845 ug/l

RT: 9.179 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

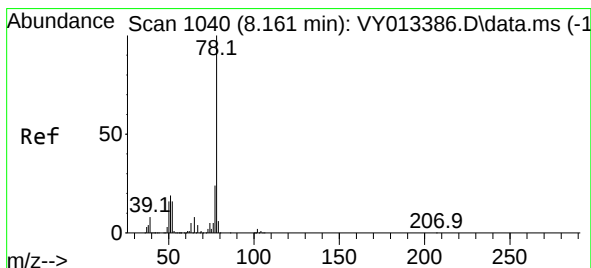
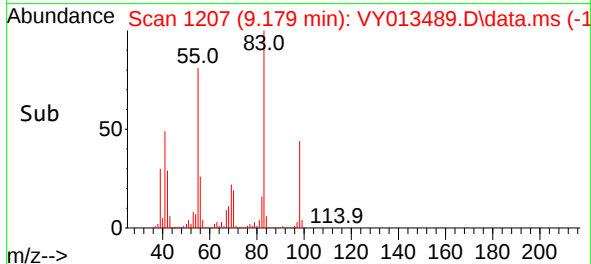
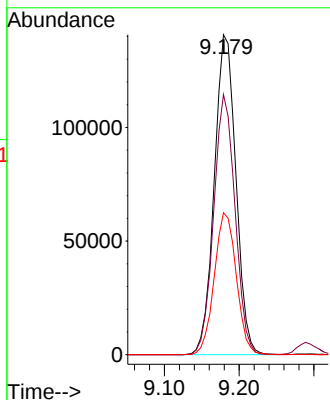
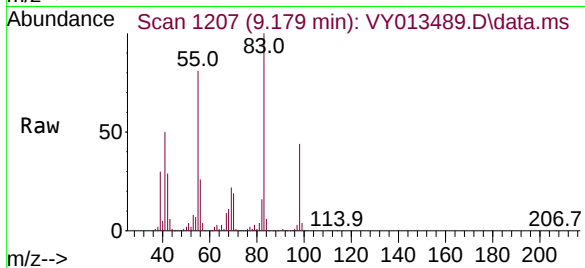
Tgt Ion:	83	Resp:	283130
Ion	Ratio	Lower	Upper
83	100		
55	81.3	59.0	88.4
98	44.4	37.0	55.4

Manual Integrations

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Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 53.218 ug/l

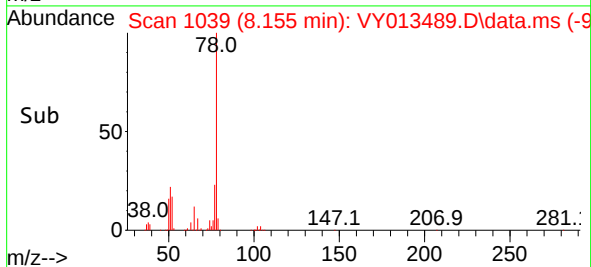
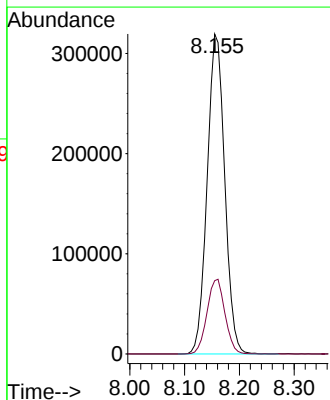
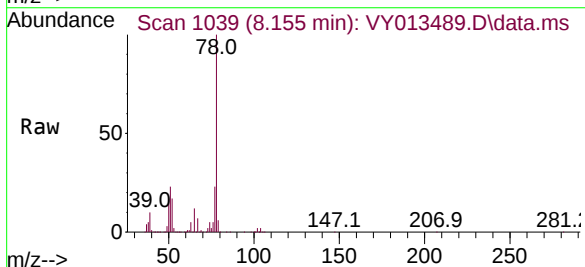
RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

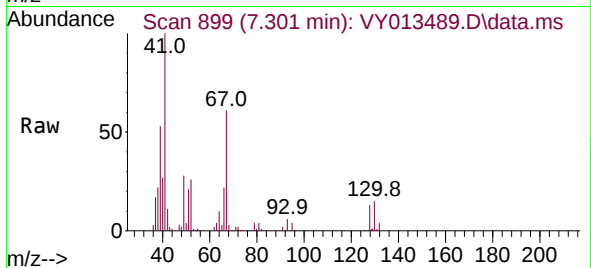
Tgt Ion:	78	Resp:	708095
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41
Methacrylonitrile
Concen: 50.083 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

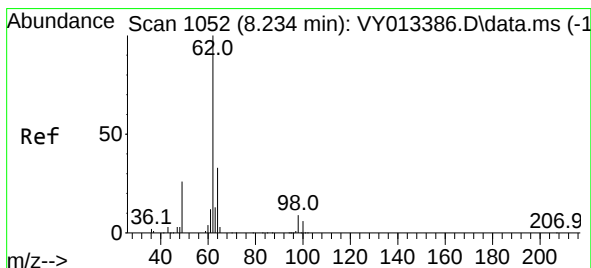
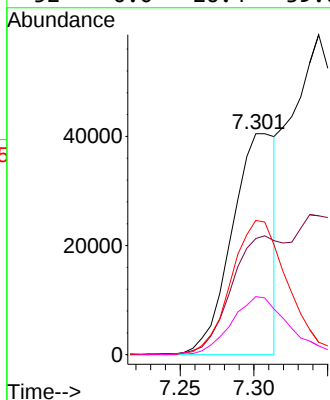
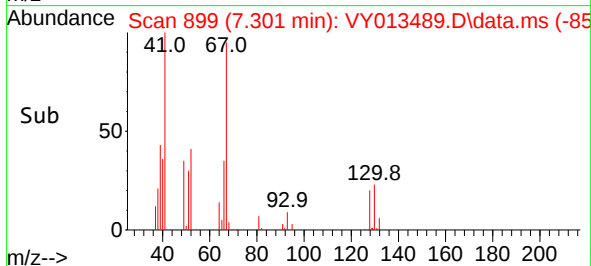
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 82960
Ion Ratio Lower Upper
41 100
39 75.4 44.2 66.4
67 0.0 62.9 94.3
52 0.0 26.4 39.6

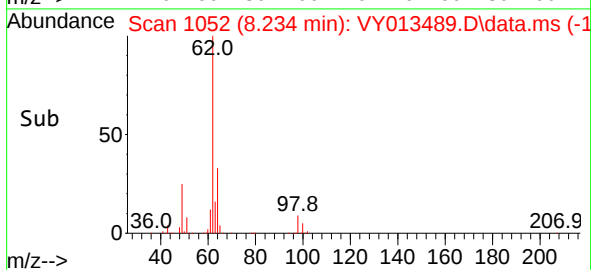
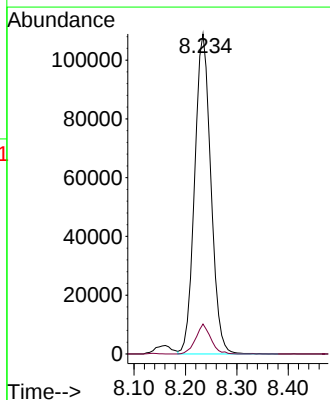
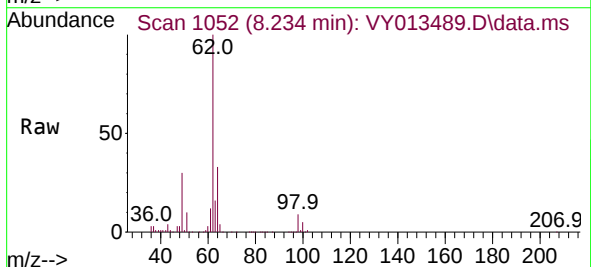
Manual Integrations
APPROVED

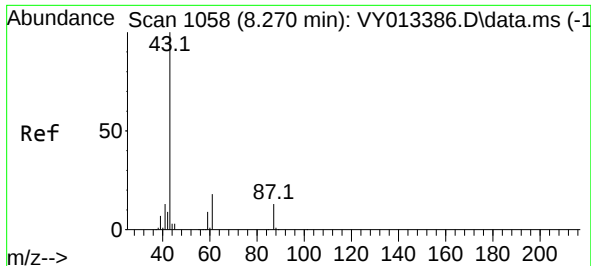
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#42
1,2-Dichloroethane
Concen: 54.831 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 62 Resp: 238518
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43

Isopropyl Acetate

Concen: 54.943 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

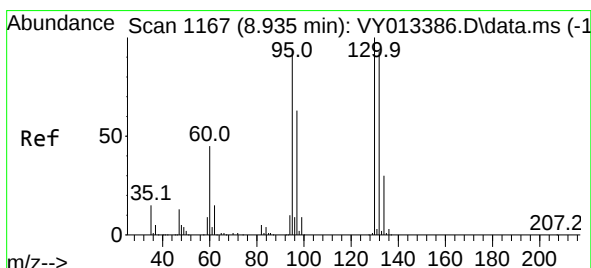
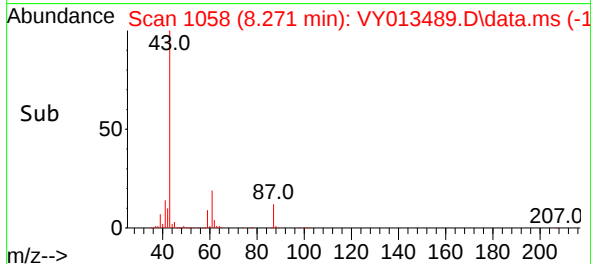
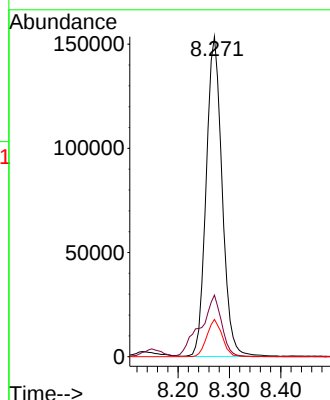
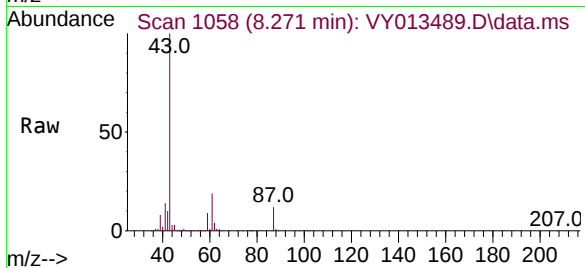
Tgt Ion: 43	Resp: 329650
Ion Ratio	Lower Upper
43 100	
61 25.7	22.2 33.4
87 11.3	11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 51.100 ug/l

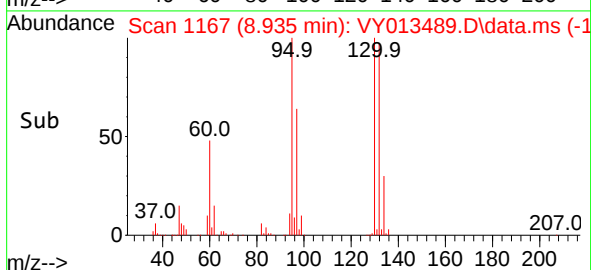
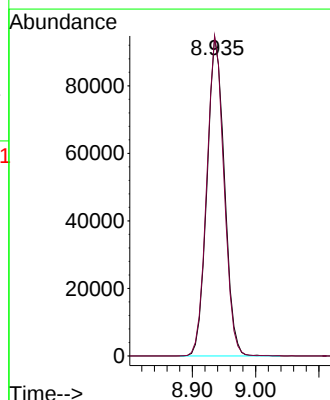
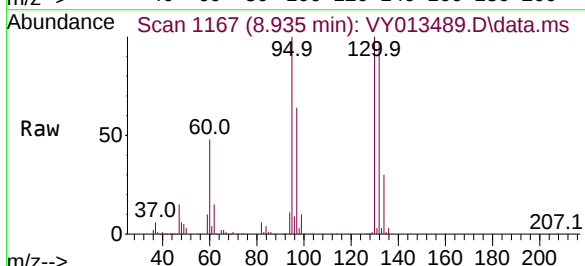
RT: 8.935 min Scan# 1167

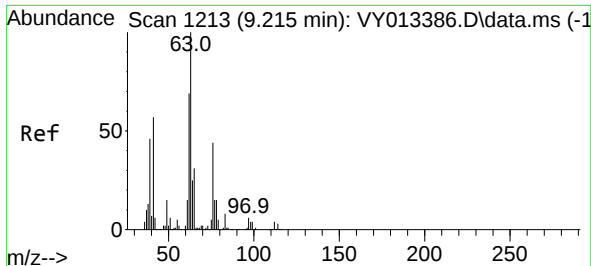
Delta R.T. 0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Tgt Ion:130	Resp: 180858
Ion Ratio	Lower Upper
130 100	
95 100.3	0.0 188.8





#45

1,2-Dichloropropane

Concen: 55.473 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 192989

Ion Ratio Lower Upper

63 100

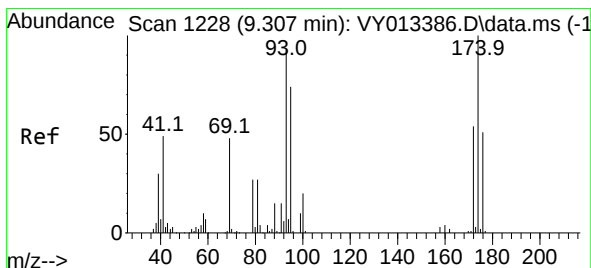
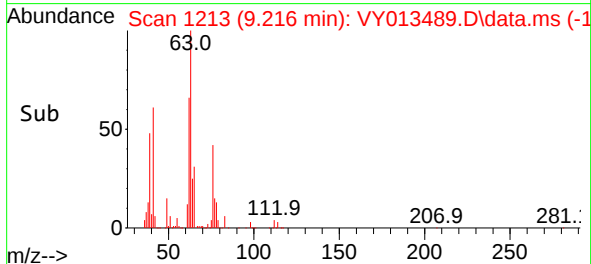
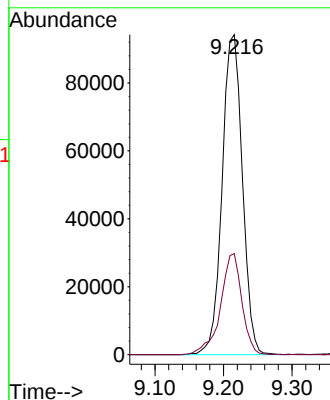
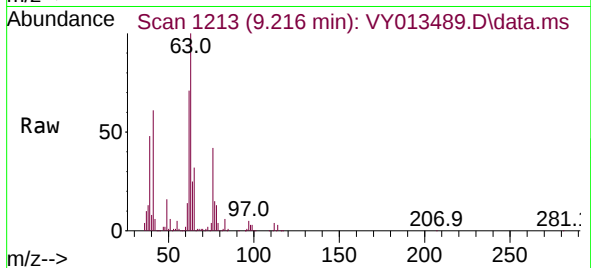
65 31.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 54.385 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

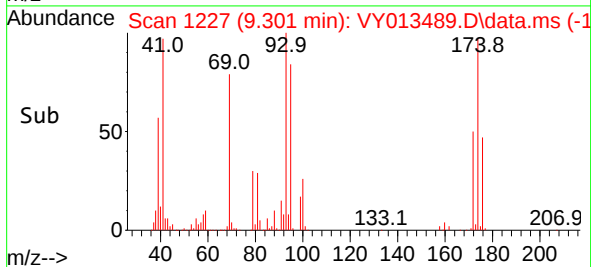
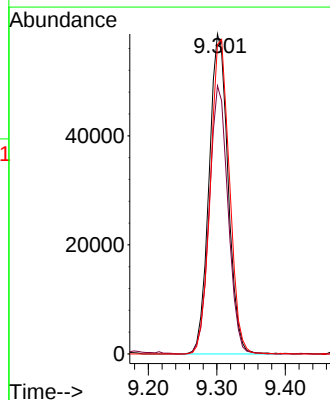
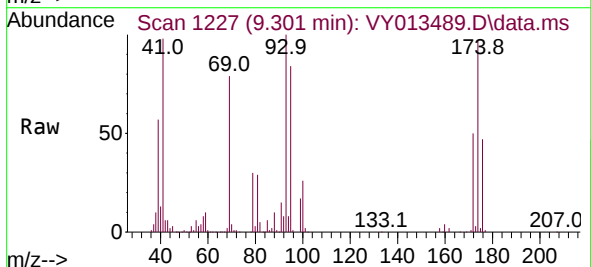
Tgt Ion: 93 Resp: 113207

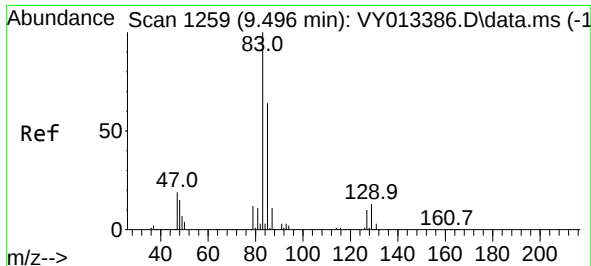
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

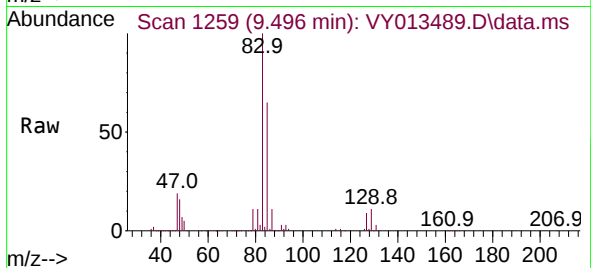
174 98.5 87.0 130.4





#47
Bromodichloromethane
Concen: 55.466 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

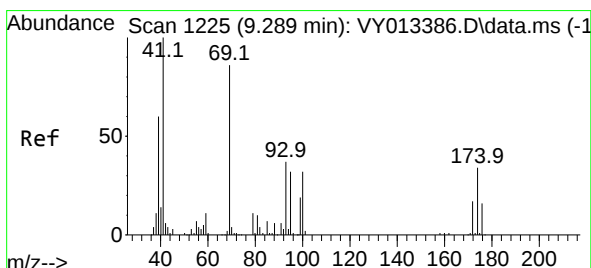
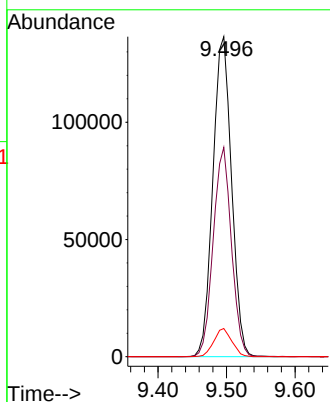
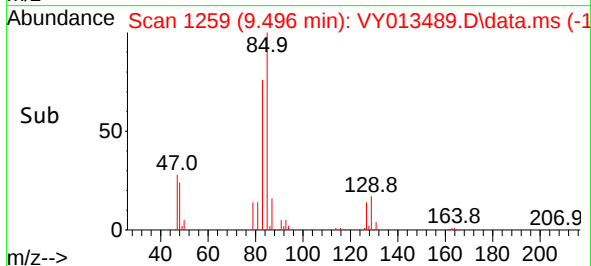
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 258352
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2
127 8.8 8.1 12.1

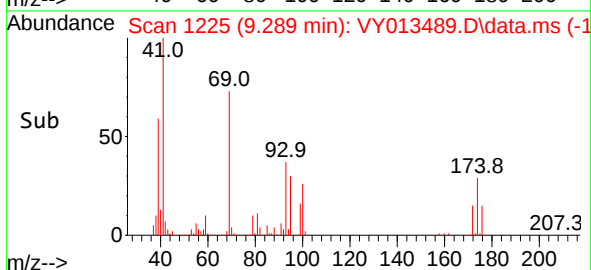
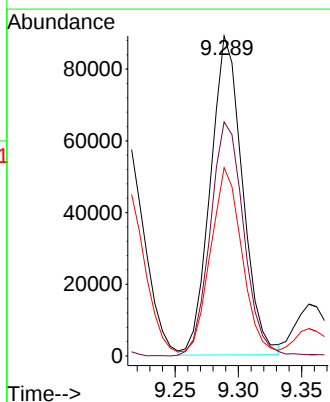
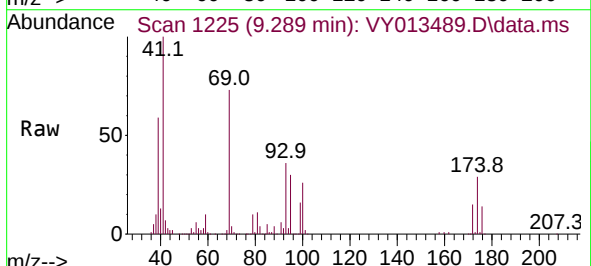
Manual Integrations
APPROVED

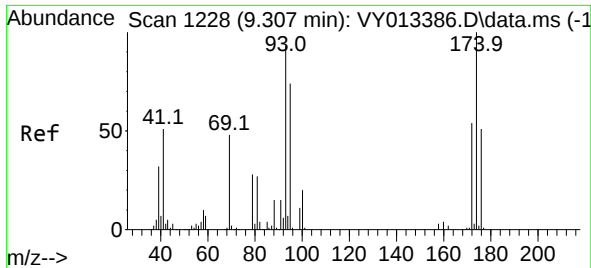
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#48
Methyl methacrylate
Concen: 56.828 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

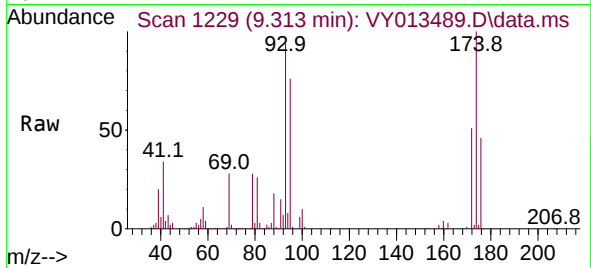
Tgt Ion: 41 Resp: 156592
Ion Ratio Lower Upper
41 100
69 77.0 70.2 105.4
39 56.2 47.9 71.9





#49
1,4-Dioxane
Concen: 1097.763 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

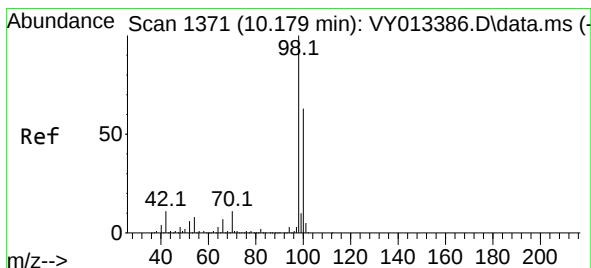
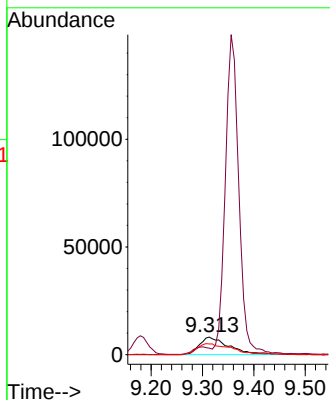
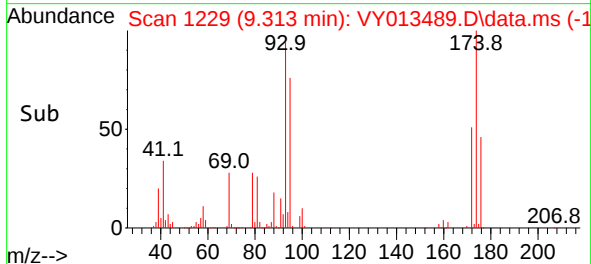
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 32630
Ion Ratio Lower Upper
88 100
43 25.5 16.8 25.2
58 73.7 54.3 81.5

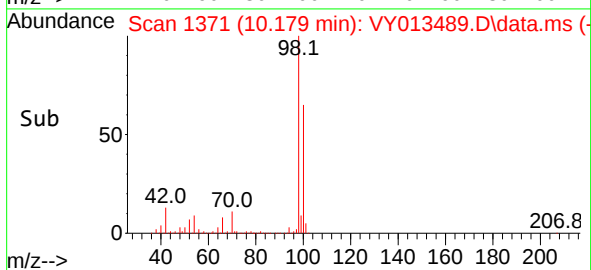
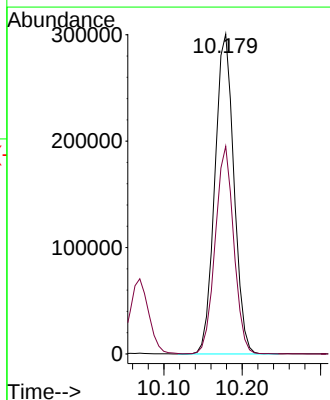
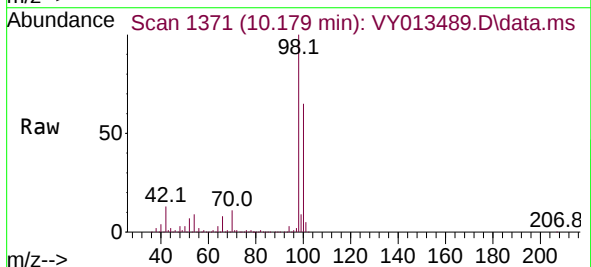
Manual Integrations
APPROVED

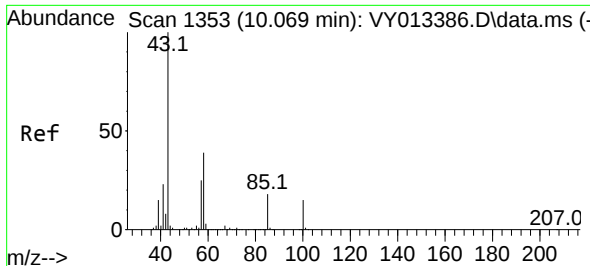
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 98 Resp: 508672
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7





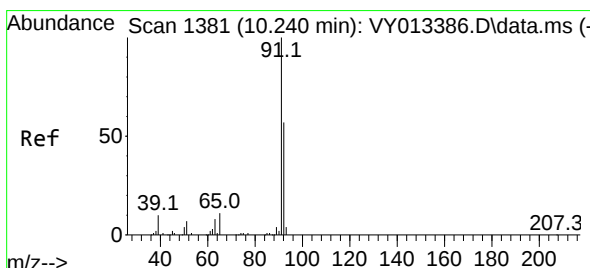
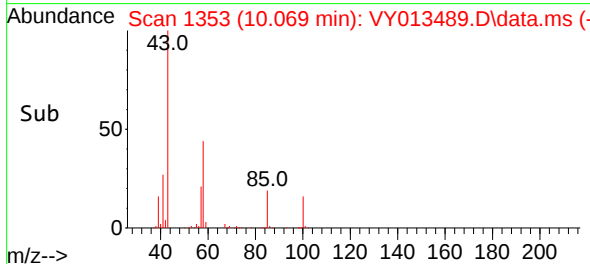
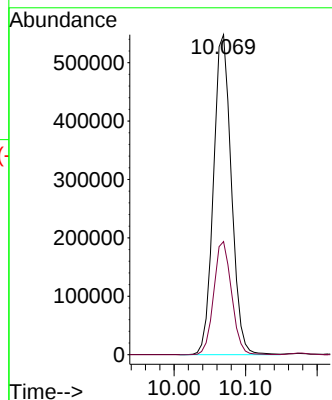
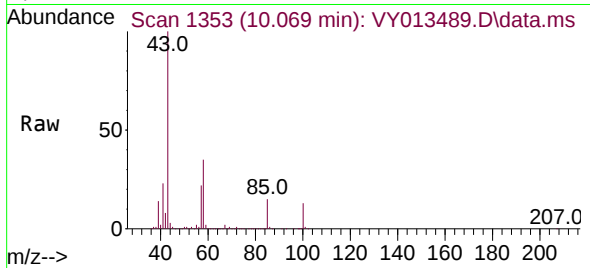
#51
4-Methyl-2-Pentanone
Concen: 284.473 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 95110
Ion Ratio Lower Upper
43 100
58 35.3 30.6 46.0

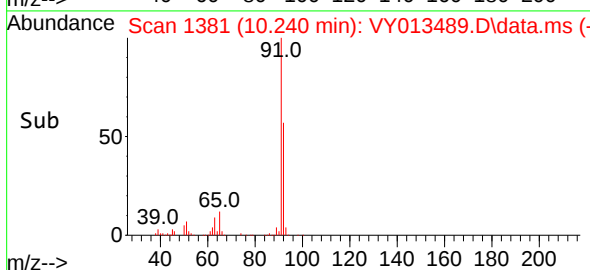
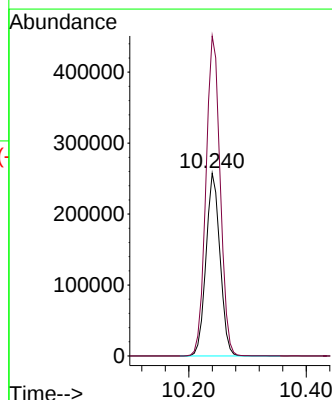
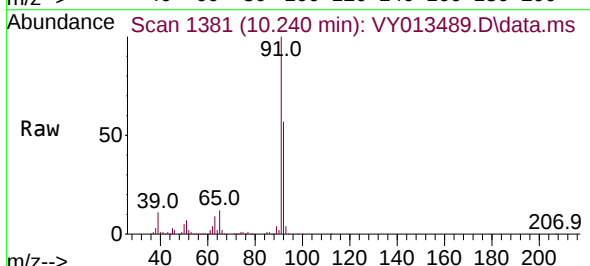
Manual Integrations
APPROVED

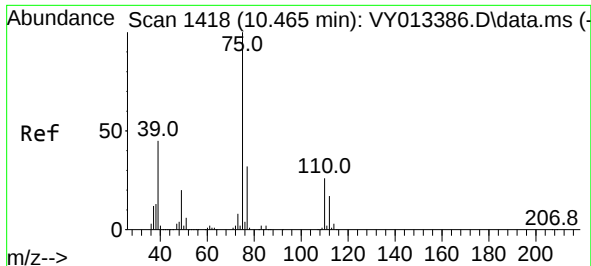
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#52
Toluene
Concen: 53.250 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

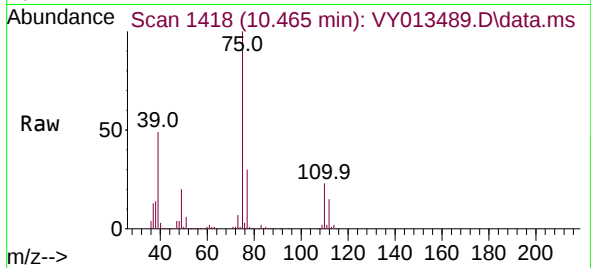
Tgt Ion: 92 Resp: 426367
Ion Ratio Lower Upper
92 100
91 178.4 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 54.670 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

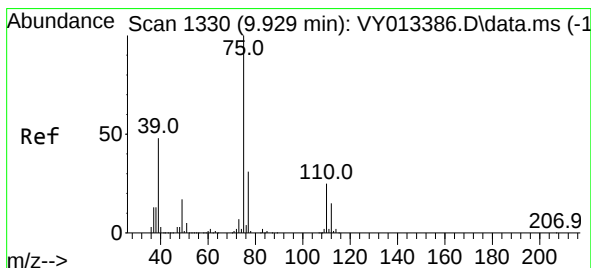
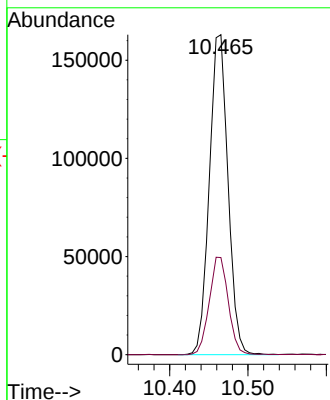
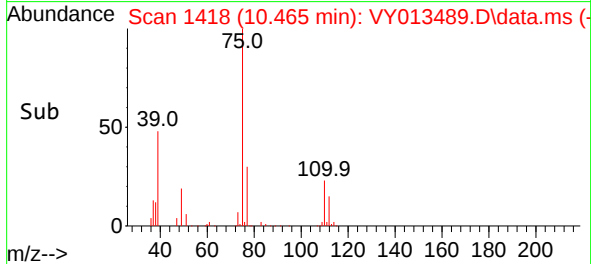
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 269499
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8

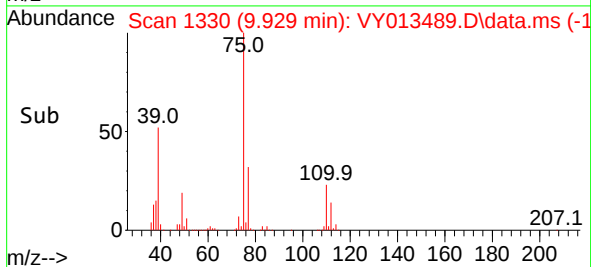
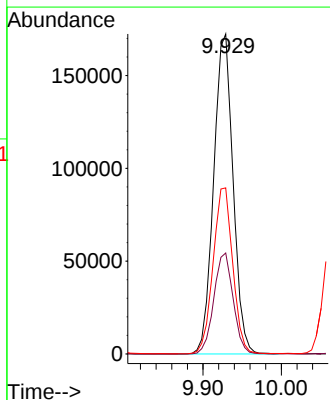
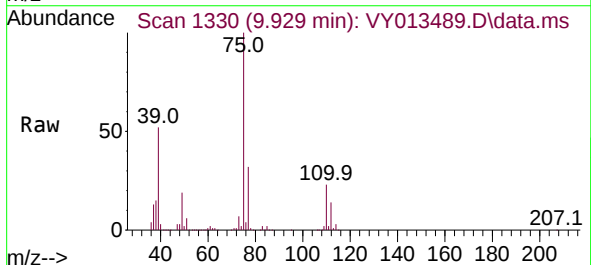
Manual Integrations
APPROVED

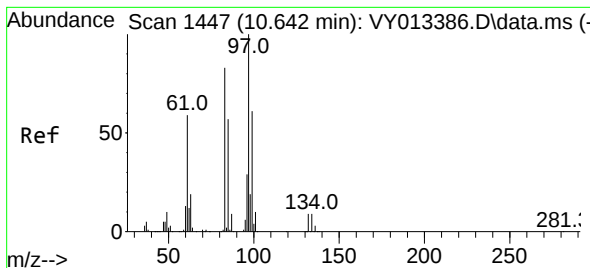
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#54
cis-1,3-Dichloropropene
Concen: 53.502 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

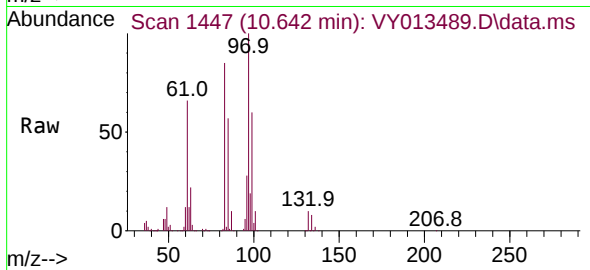
Tgt Ion: 75 Resp: 296770
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 51.8 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 54.218 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

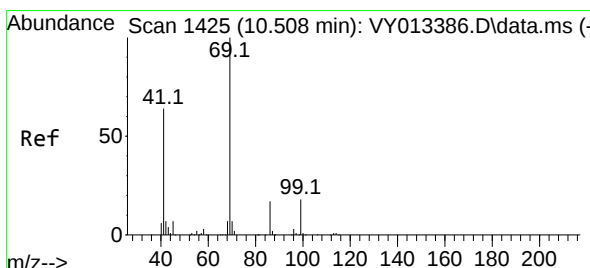
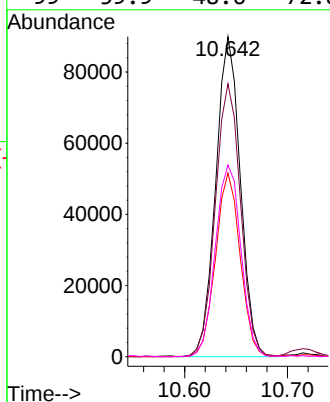
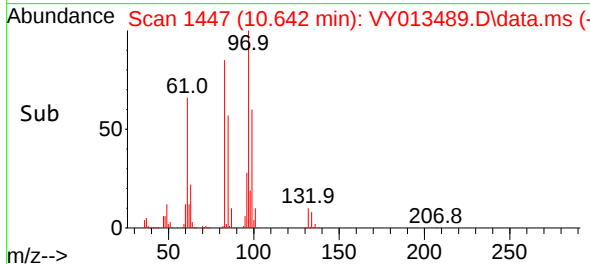
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



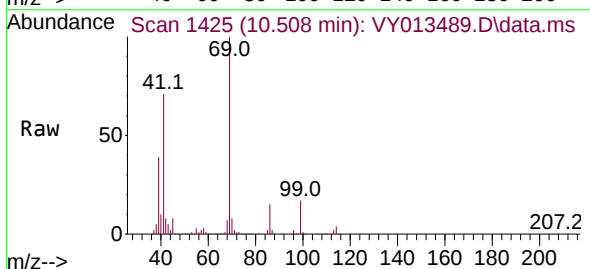
Tgt Ion: 97 Resp: 149459
Ion Ratio Lower Upper
97 100
83 85.2 66.4 99.6
85 57.3 45.6 68.4
99 59.9 48.6 72.8

Manual Integrations
APPROVED

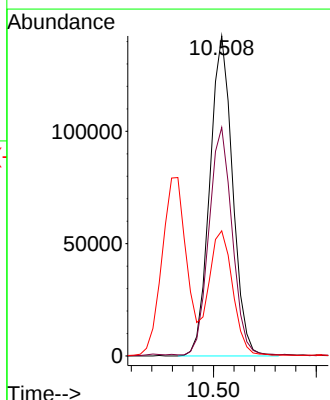
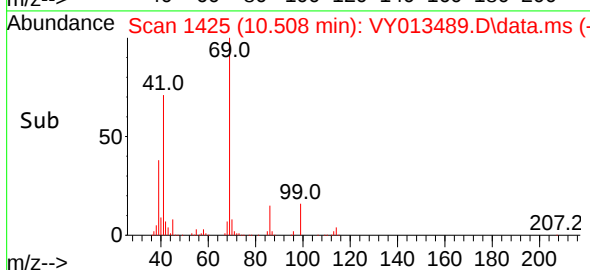
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

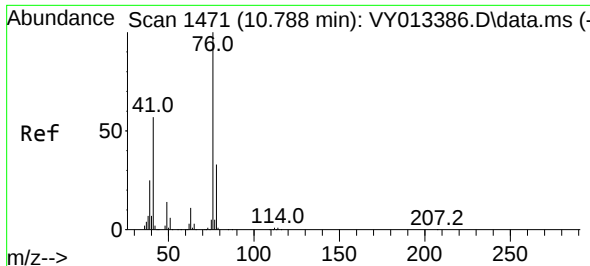


#56
Ethyl methacrylate
Concen: 57.400 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



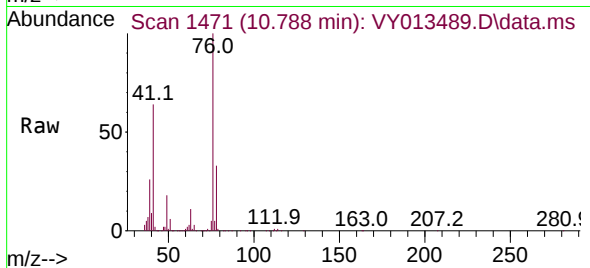
Tgt Ion: 69 Resp: 219523
Ion Ratio Lower Upper
69 100
41 73.1 51.4 77.0
39 40.9 29.0 43.6





#57
1,3-Dichloropropane
Concen: 54.831 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

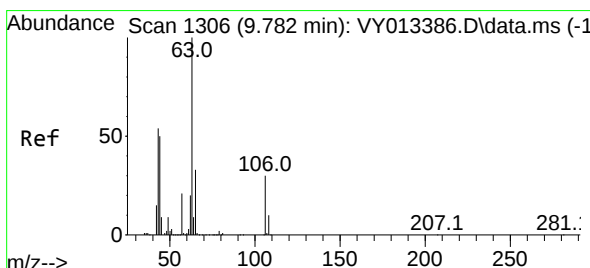
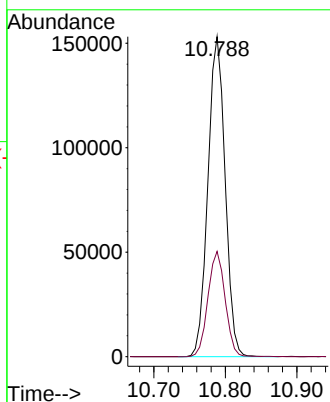
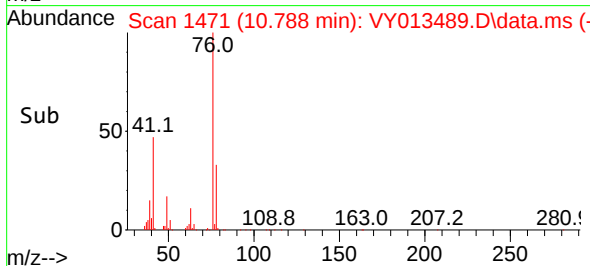
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



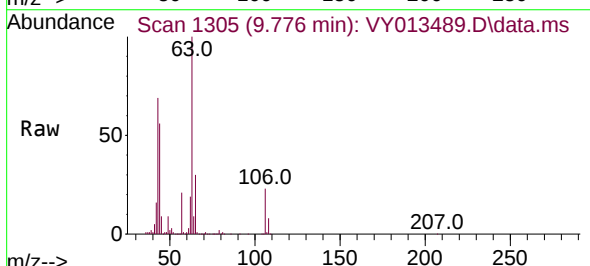
Tgt Ion: 76 Resp: 25598
Ion Ratio Lower Upper
76 100
78 32.8 26.5 39.7

Manual Integrations
APPROVED

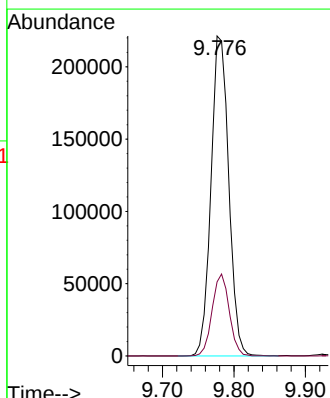
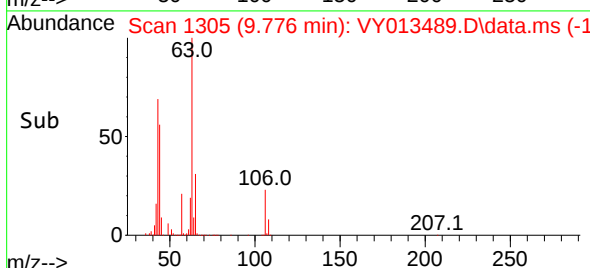
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

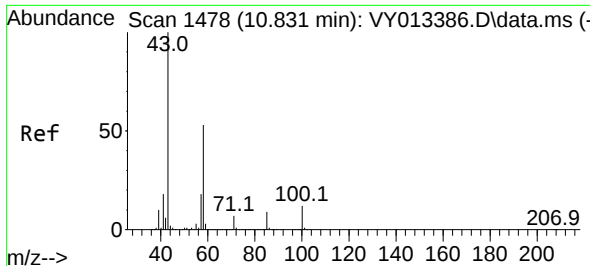


#58
2-Chloroethyl Vinyl ether
Concen: 266.034 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



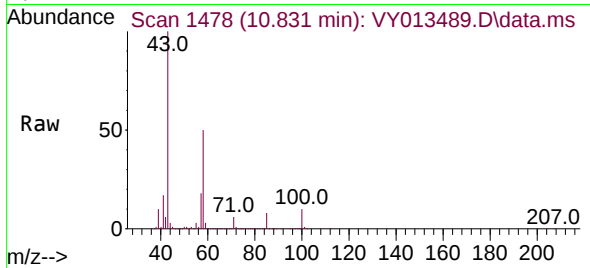
Tgt Ion: 63 Resp: 381519
Ion Ratio Lower Upper
63 100
106 24.7 23.5 35.3





#59
2-Hexanone
Concen: 280.886 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

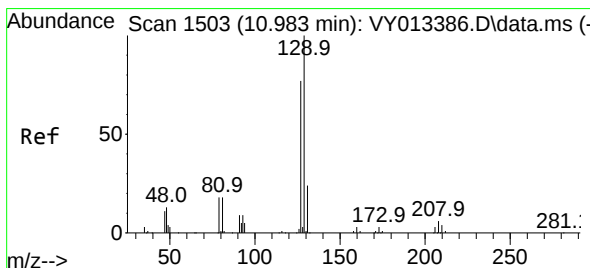
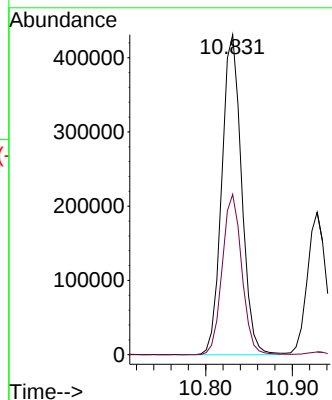
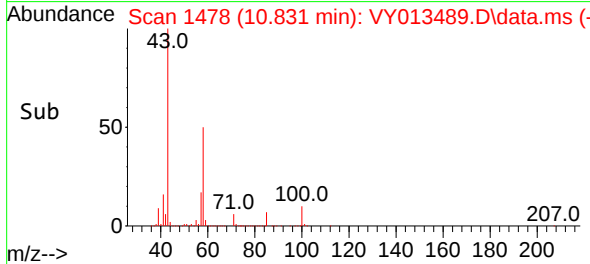
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



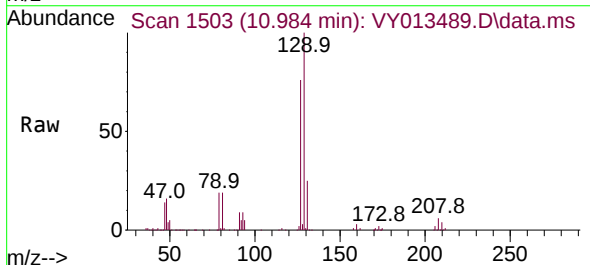
Tgt Ion: 43 Resp: 682659
Ion Ratio Lower Upper
43 100
58 49.5 26.3 78.8

Manual Integrations
APPROVED

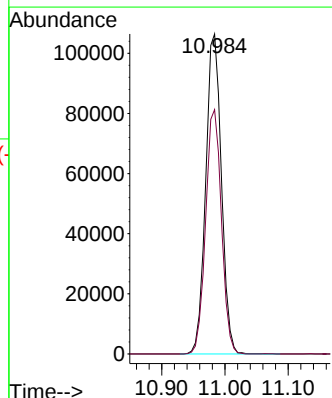
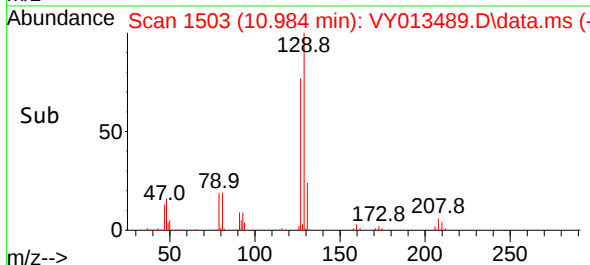
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

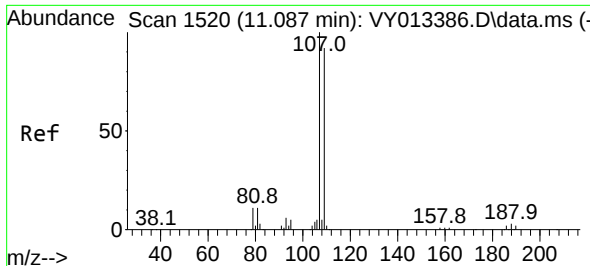


#60
Dibromochloromethane
Concen: 54.769 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



Tgt Ion:129 Resp: 183324
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





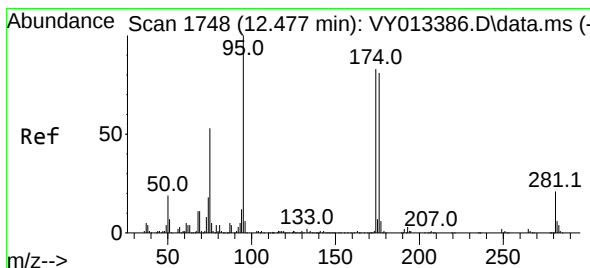
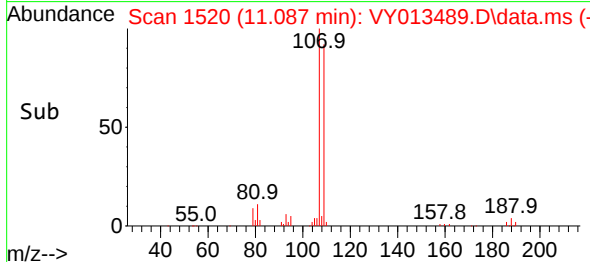
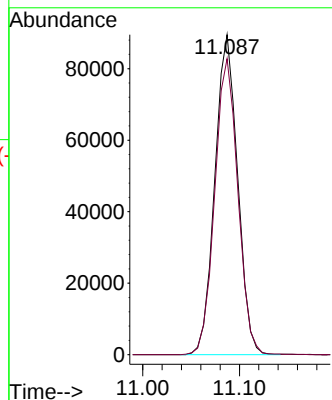
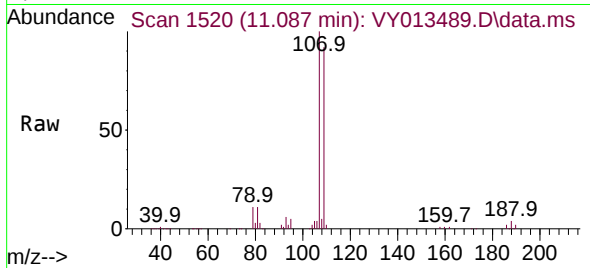
#61
1,2-Dibromoethane
Concen: 53.931 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 146160
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

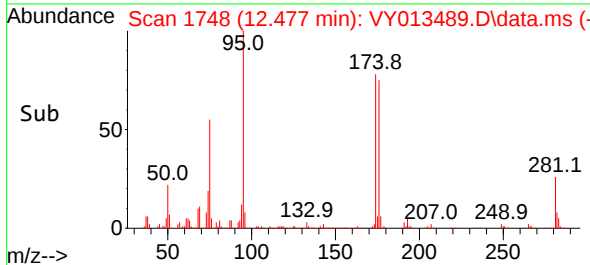
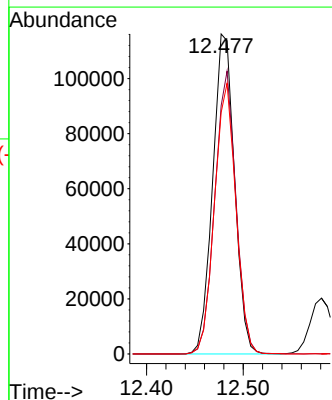
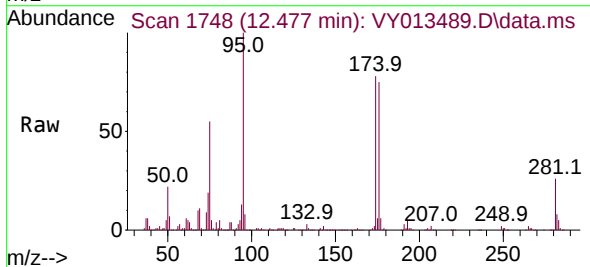
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
4-Bromofluorobenzene
Concen: 53.410 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 95 Resp: 182308
Ion Ratio Lower Upper
95 100
174 85.2 0.0 182.0
176 82.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 40748

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.6

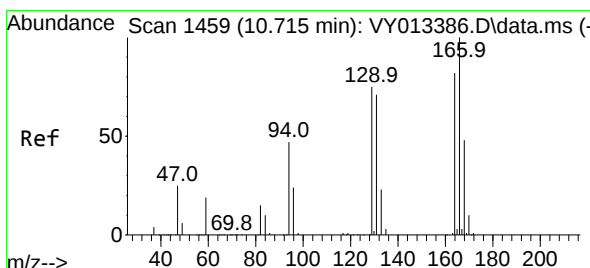
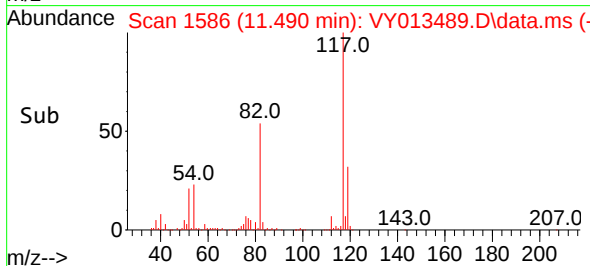
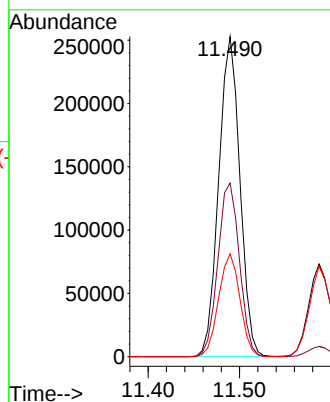
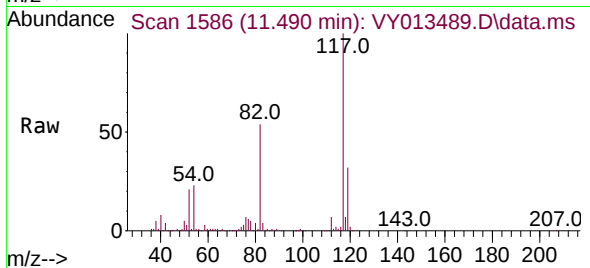
119 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#64

Tetrachloroethene

Concen: 50.396 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Tgt Ion:164 Resp: 156154

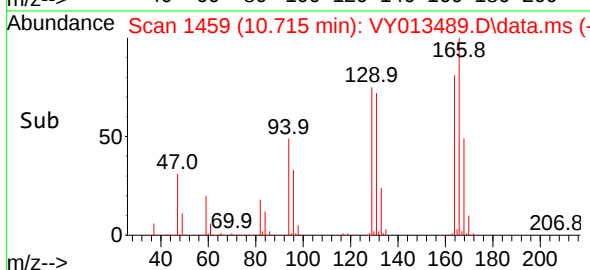
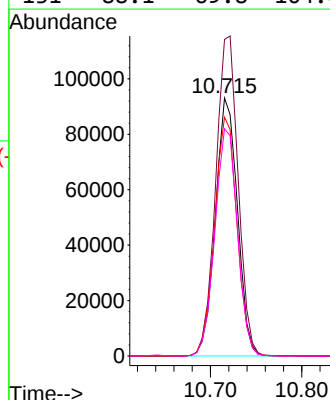
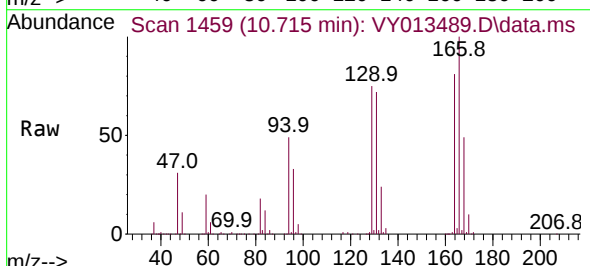
Ion Ratio Lower Upper

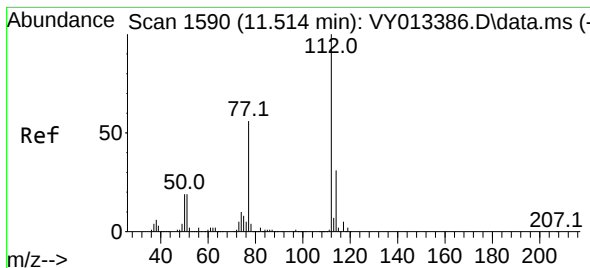
164 100

166 122.7 97.5 146.3

129 92.5 72.6 109.0

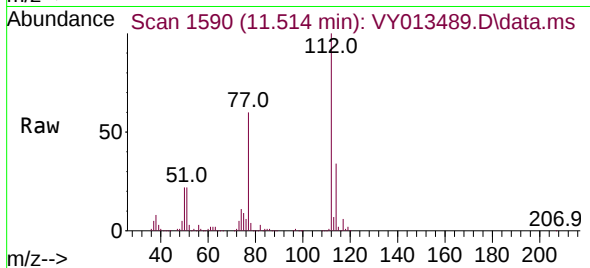
131 88.1 69.8 104.6





#65
Chlorobenzene
Concen: 51.145 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

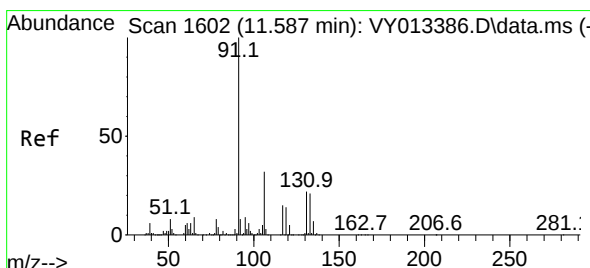
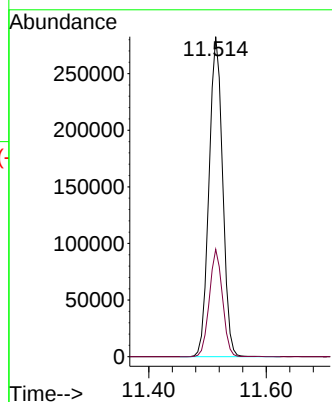
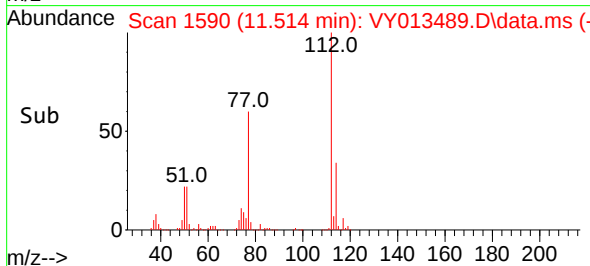
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



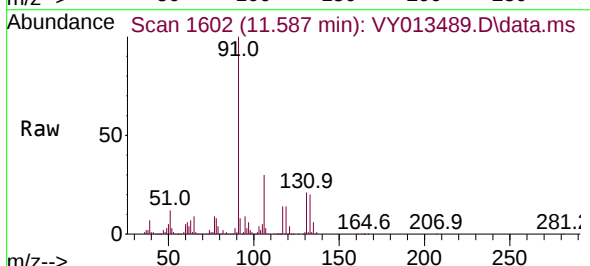
Tgt Ion:112 Resp: 453990
Ion Ratio Lower Upper
112 100
114 33.6 24.9 37.3

Manual Integrations
APPROVED

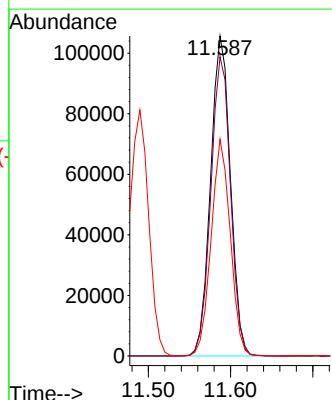
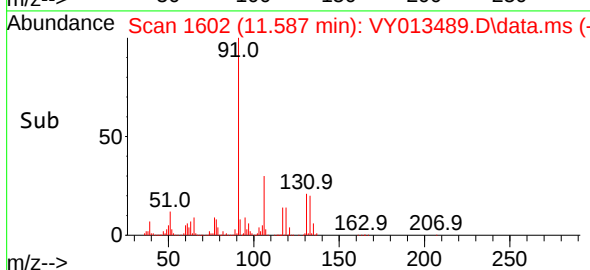
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

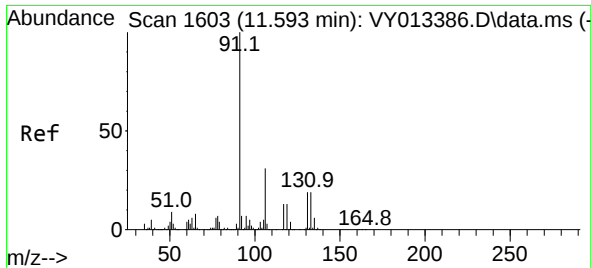


#66
1,1,1,2-Tetrachloroethane
Concen: 53.202 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



Tgt Ion:131 Resp: 176618
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 52.764 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 822440

Ion Ratio Lower Upper

91 100

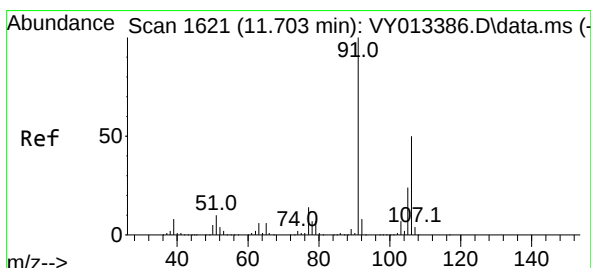
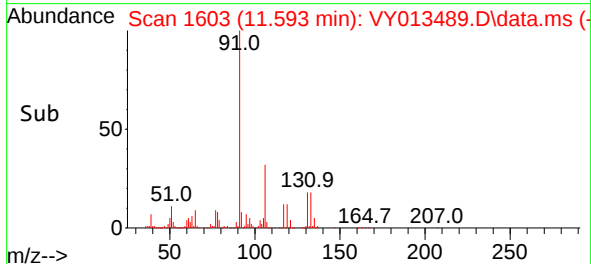
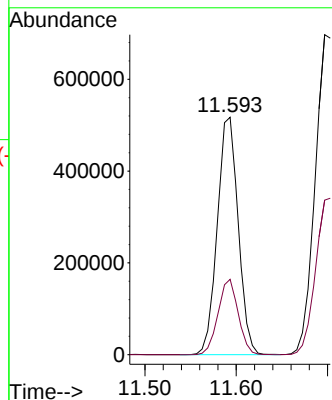
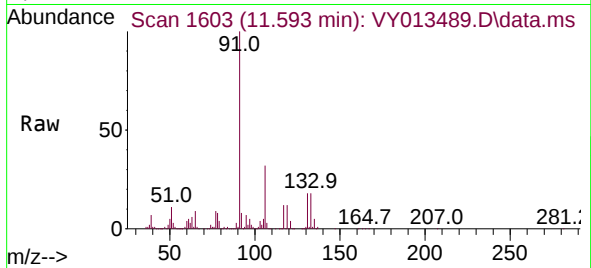
106 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#68

m/p-Xylenes

Concen: 105.461 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013489.D

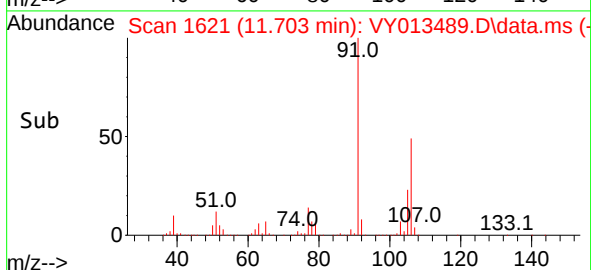
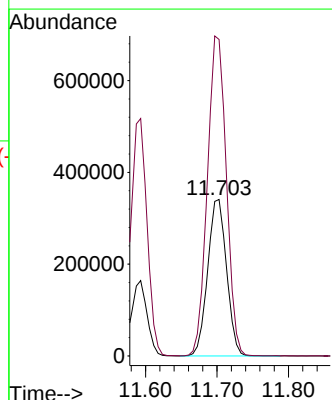
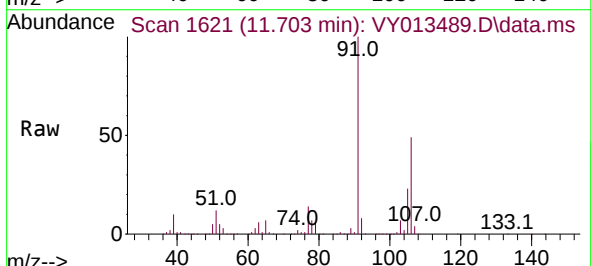
Acq: 27 Apr 2023 13:36

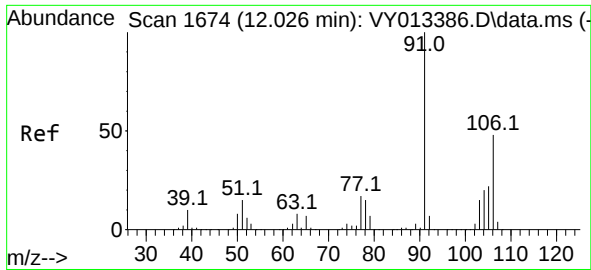
Tgt Ion:106 Resp: 624914

Ion Ratio Lower Upper

106 100

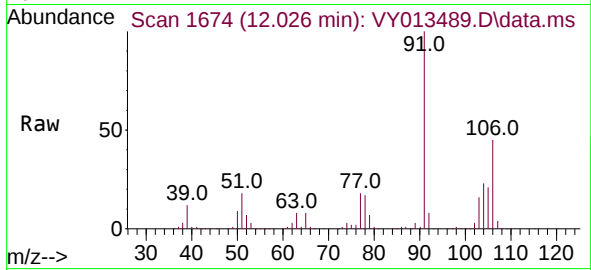
91 205.8 160.9 241.3





#69
o-Xylene
Concen: 52.741 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

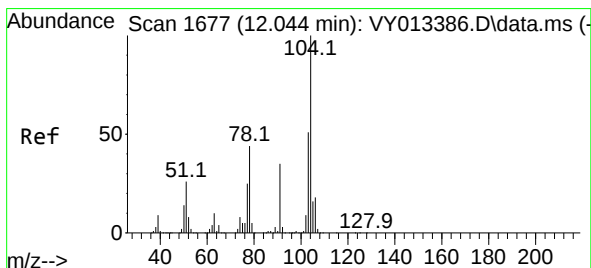
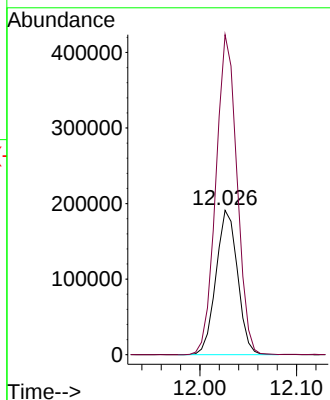
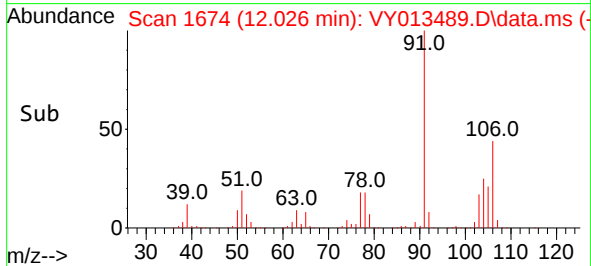
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 29556
Ion Ratio Lower Upper
106 100
91 217.0 105.5 316.4

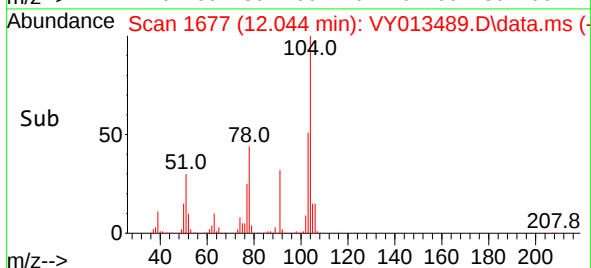
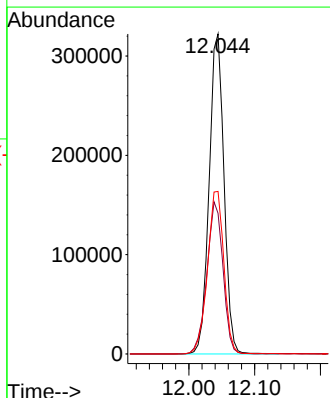
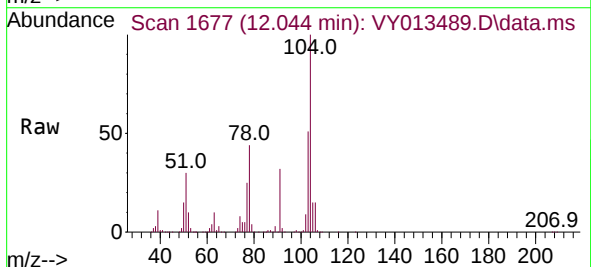
Manual Integrations
APPROVED

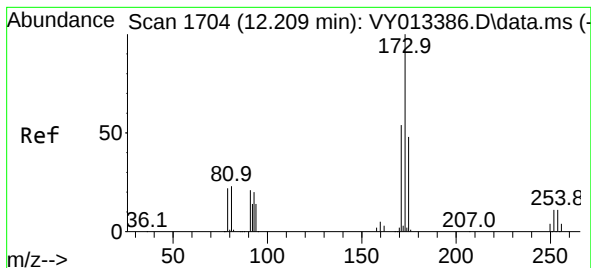
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 54.139 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion:104 Resp: 507293
Ion Ratio Lower Upper
104 100
78 51.6 40.3 60.5
103 56.1 45.0 67.4





#71

Bromoform

Concen: 54.052 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 125689

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

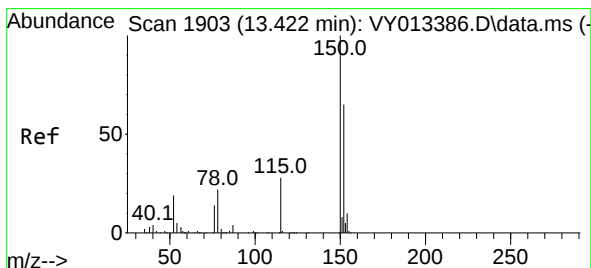
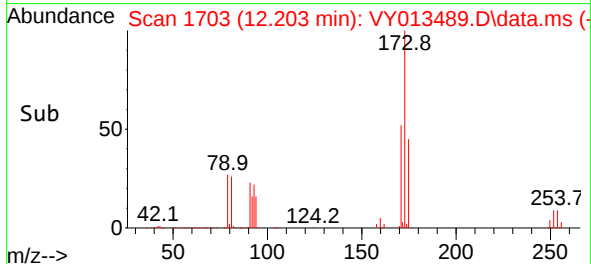
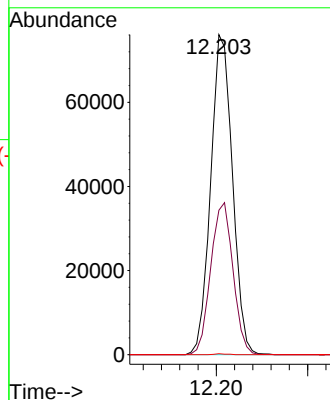
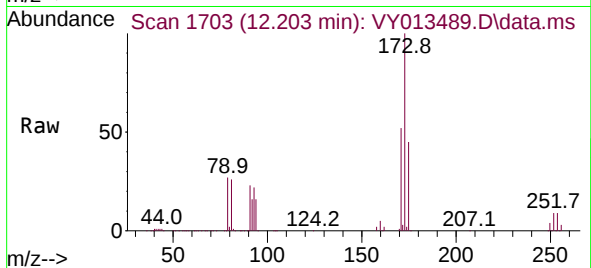
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

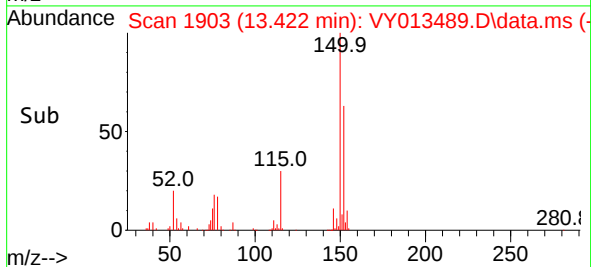
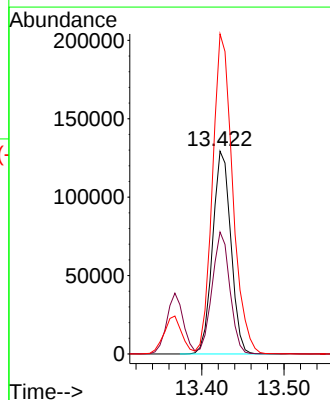
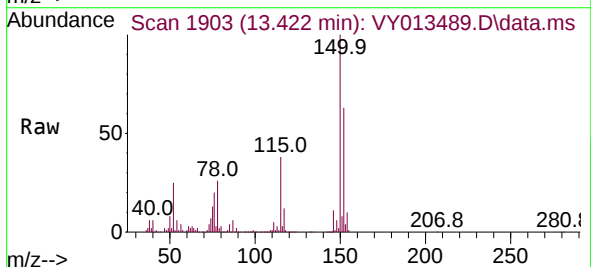
Tgt Ion:152 Resp: 199240

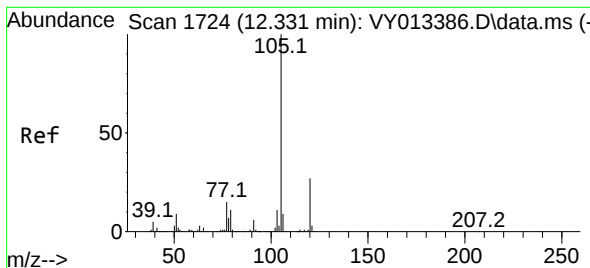
Ion Ratio Lower Upper

152 100

115 58.3 28.1 84.2

150 174.2 0.0 352.0





#73

Isopropylbenzene

Concen: 51.625 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 777972

Ion Ratio Lower Upper

105 100

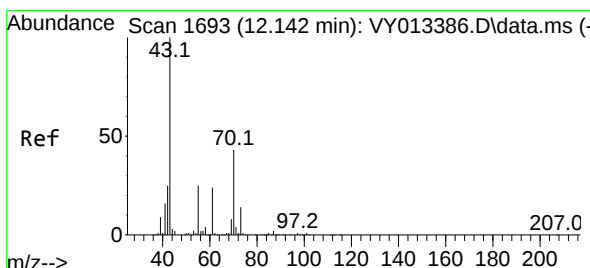
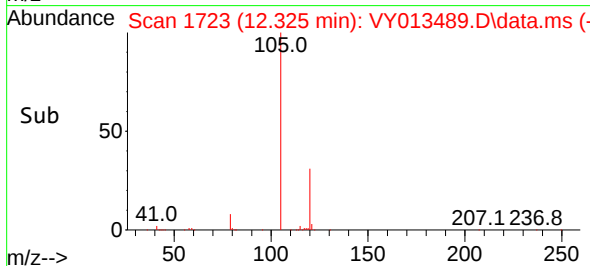
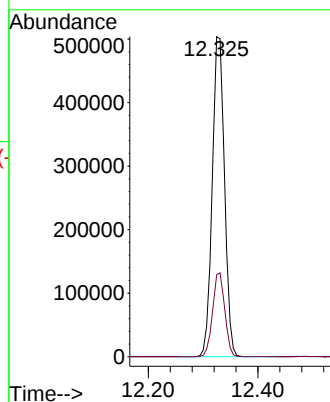
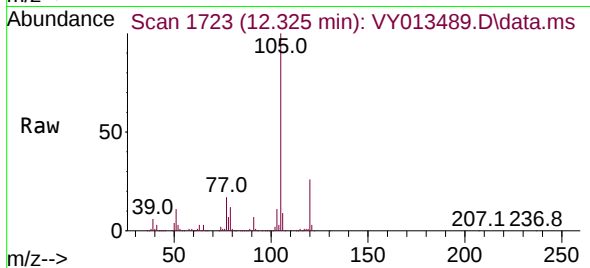
120 26.0 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#74

N-ethyl acetate

Concen: 55.016 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Tgt Ion: 43 Resp: 295035

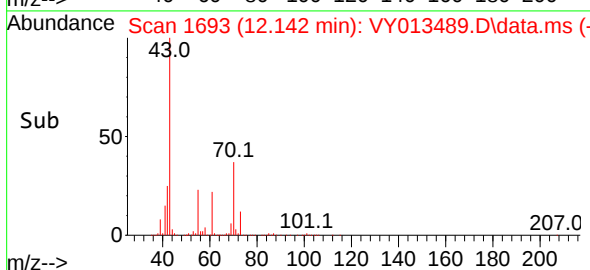
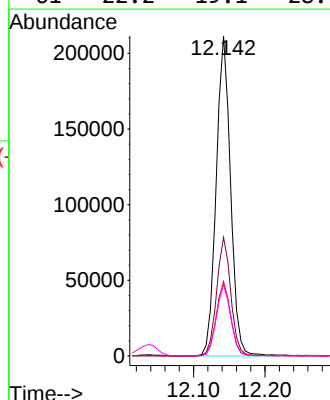
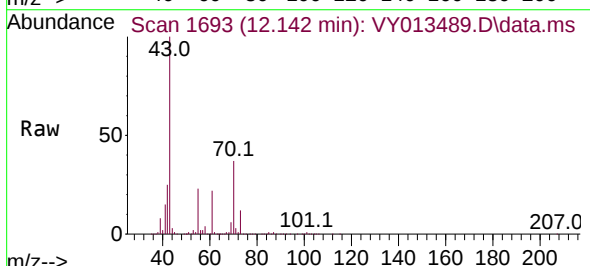
Ion Ratio Lower Upper

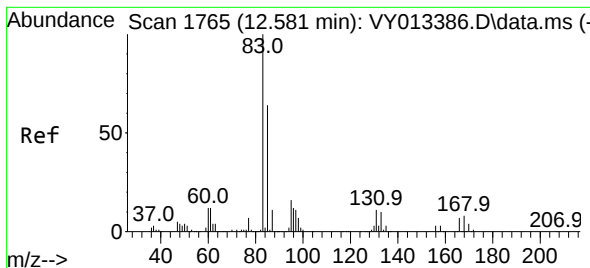
43 100

70 36.5 33.0 49.4

55 23.6 19.8 29.6

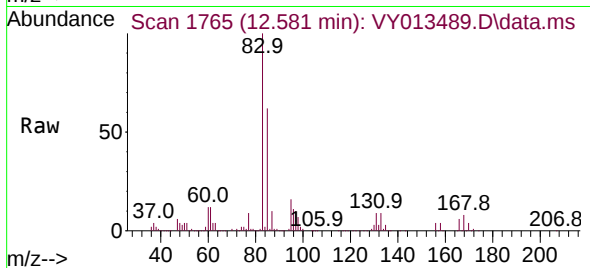
61 22.2 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.704 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

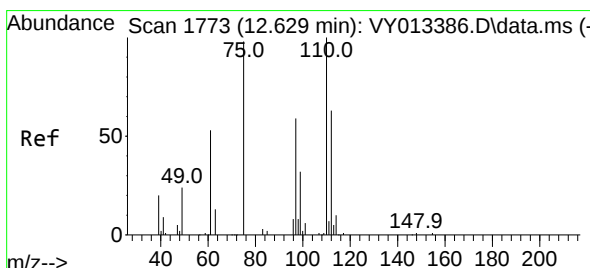
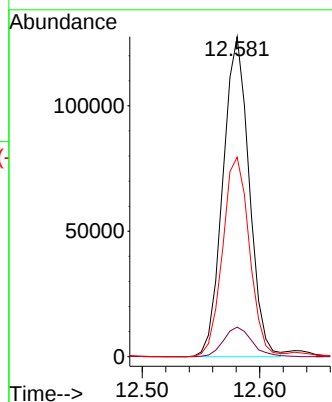
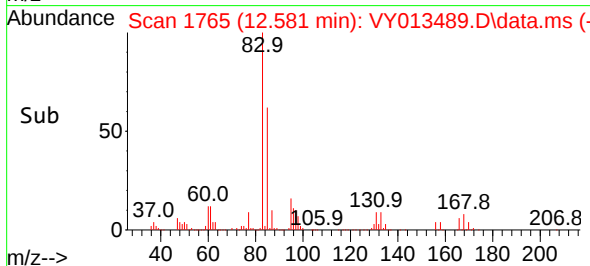
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



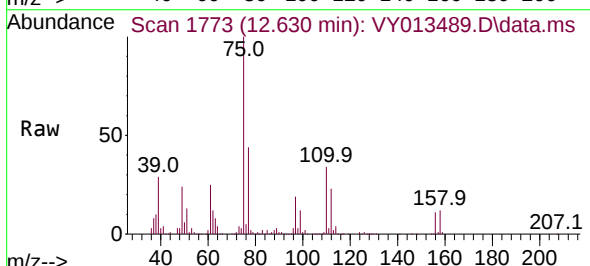
Tgt Ion: 83 Resp: 19781
Ion Ratio Lower Upper
83 100
131 10.0 5.7 17.0
85 63.8 31.8 95.4

Manual Integrations
APPROVED

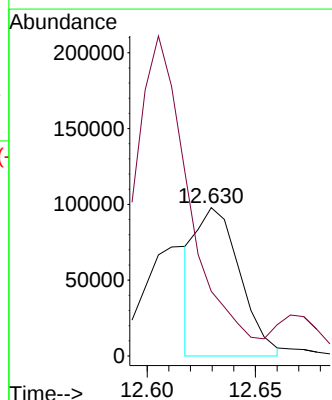
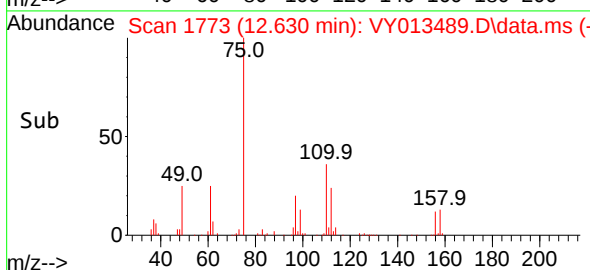
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

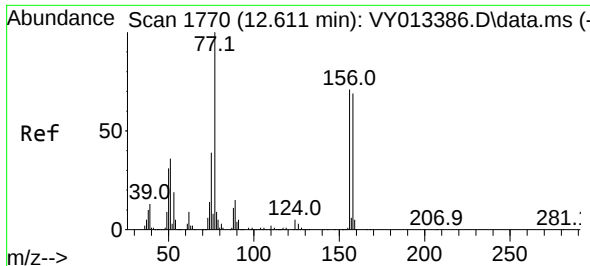


#76
1,2,3-Trichloropropane
Concen: 51.683 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



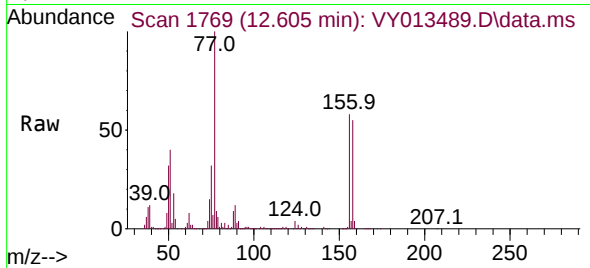
Tgt Ion: 75 Resp: 138873
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.459 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

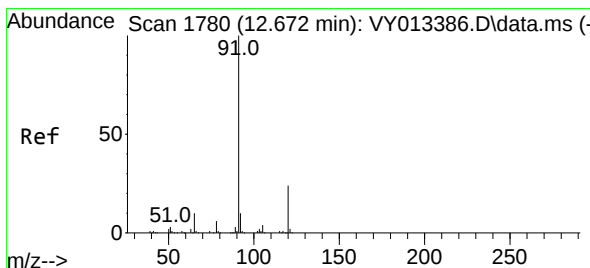
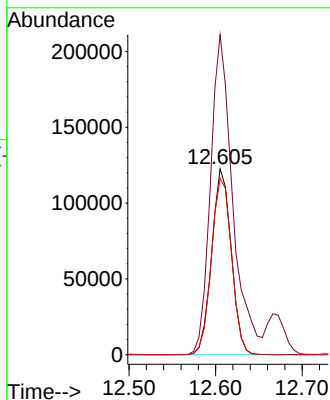
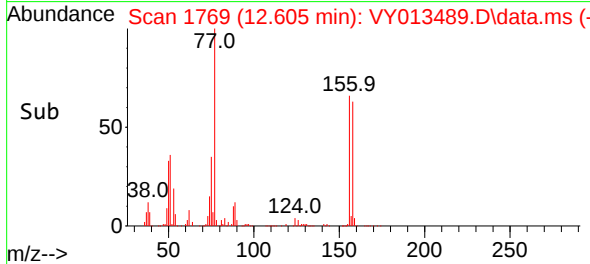
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



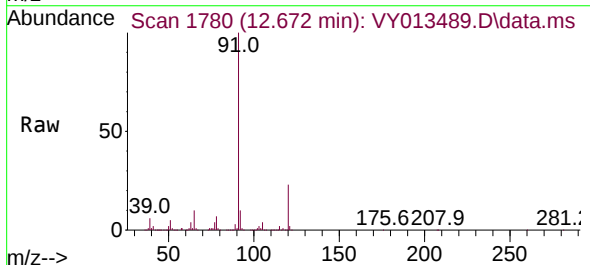
Tgt Ion:156 Resp: 191554
Ion Ratio Lower Upper
156 100
77 196.9 87.6 262.9
158 98.0 48.5 145.5

Manual Integrations
APPROVED

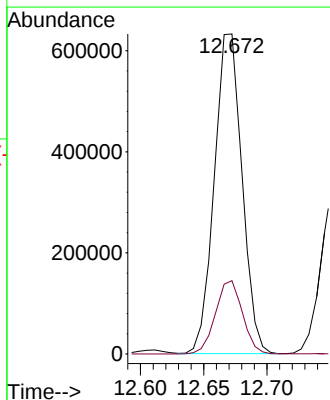
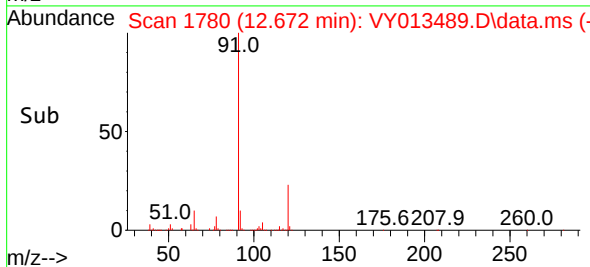
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

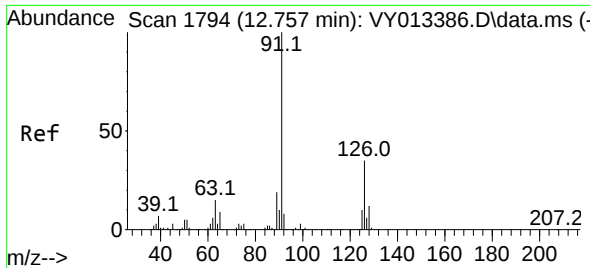


#78
n-propylbenzene
Concen: 51.940 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



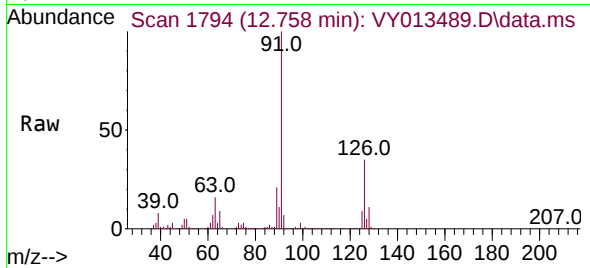
Tgt Ion: 91 Resp: 964110
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





#79
2-Chlorotoluene
Concen: 52.470 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

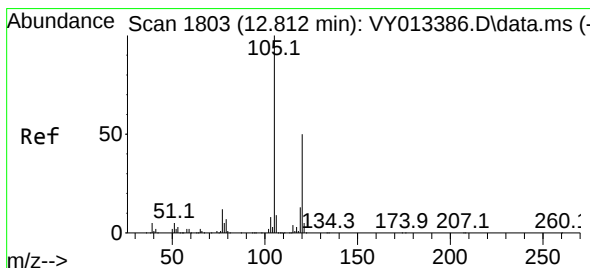
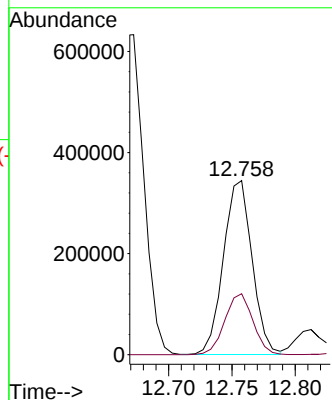
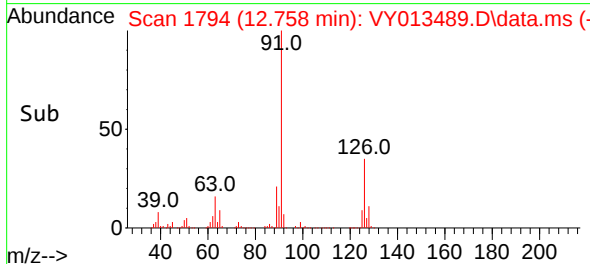
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



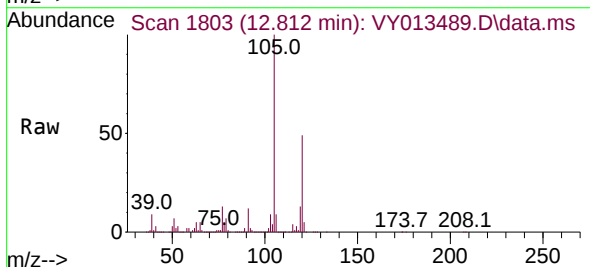
Tgt Ion: 91 Resp: 543874
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.4

Manual Integrations
APPROVED

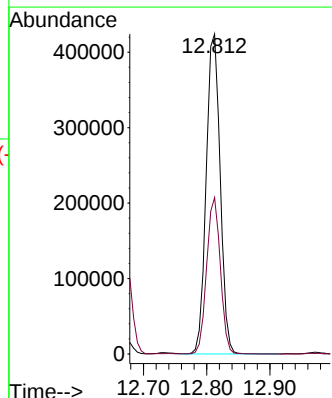
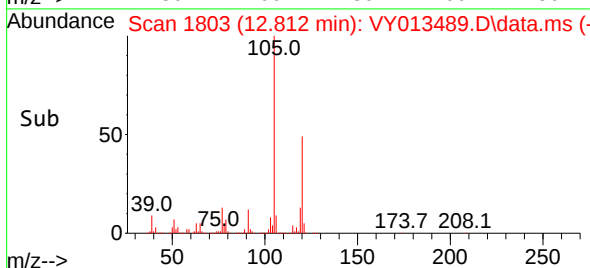
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

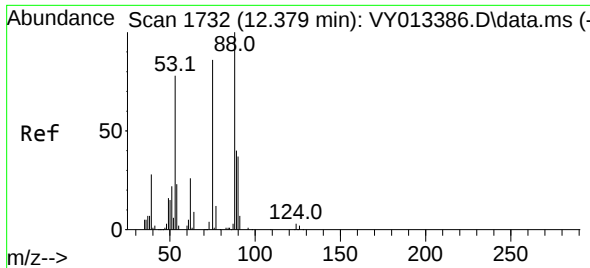


#80
1,3,5-Trimethylbenzene
Concen: 53.017 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



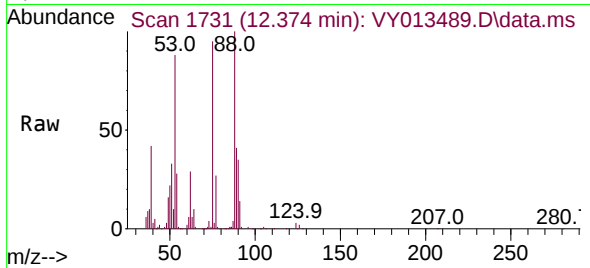
Tgt Ion:105 Resp: 652101
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.948 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.005 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

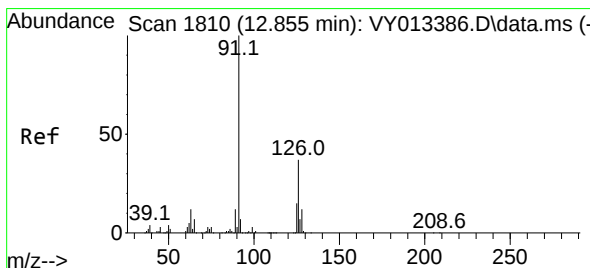
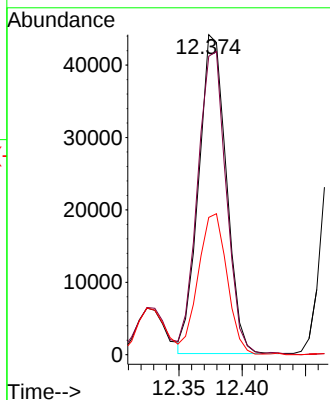
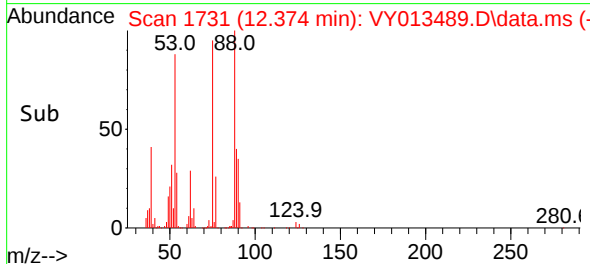
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 66924
Ion Ratio Lower Upper
75 100
53 98.8 73.2 109.8
89 46.0 38.0 57.0

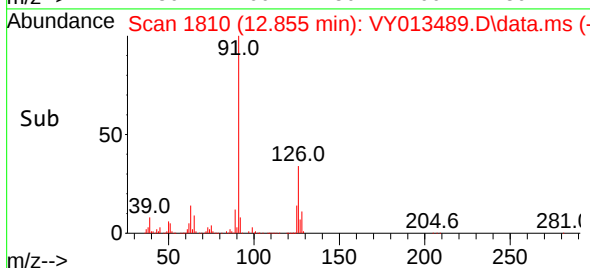
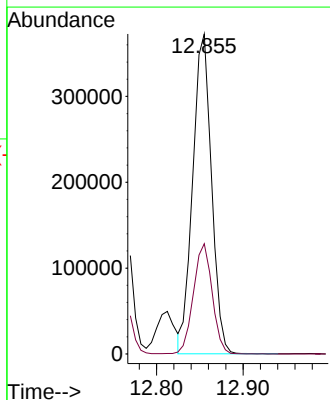
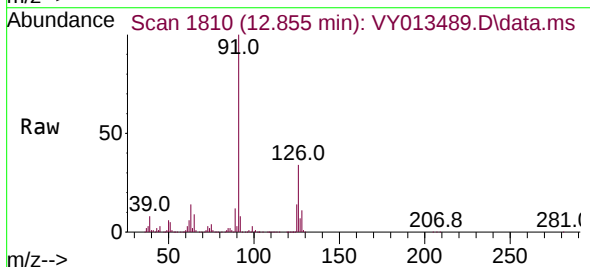
Manual Integrations
APPROVED

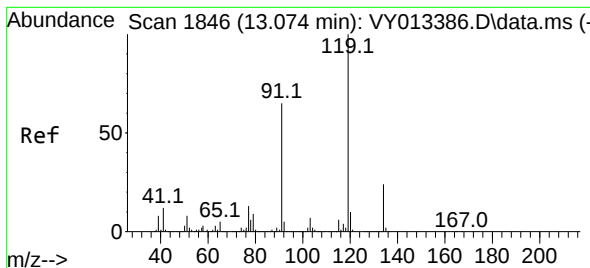
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 51.914 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion: 91 Resp: 560865
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.8





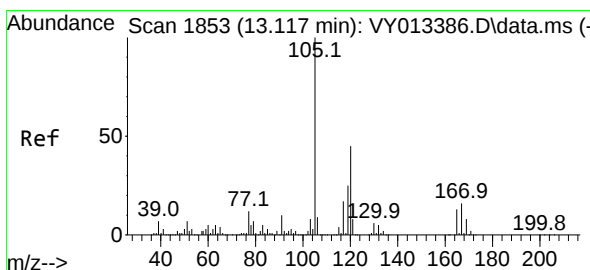
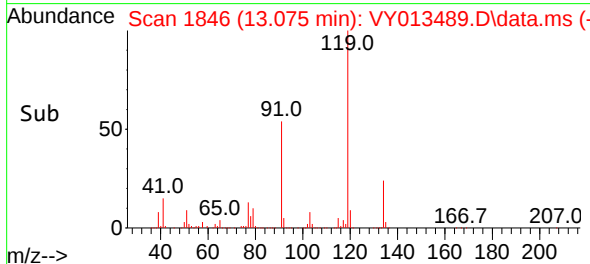
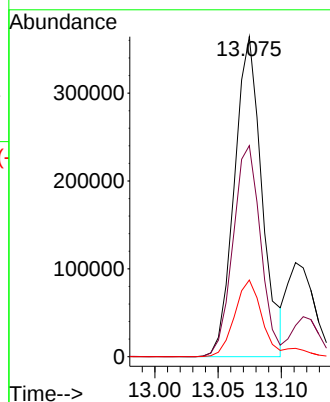
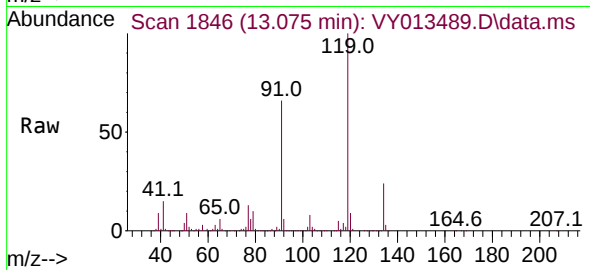
#83
tert-Butylbenzene
Concen: 51.906 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 553120
Ion Ratio Lower Upper
119 100
91 66.0 32.2 96.6
134 25.6 13.0 38.9

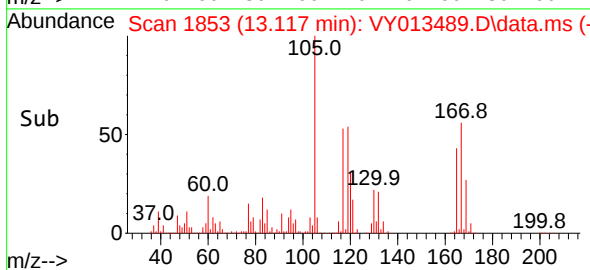
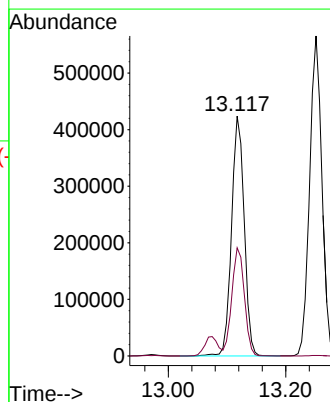
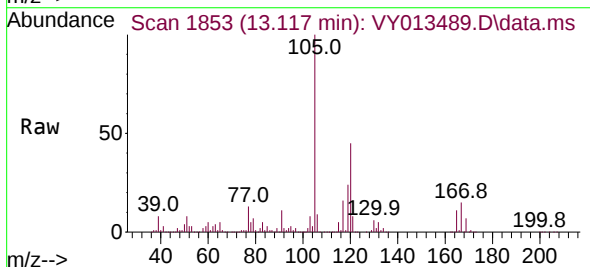
Manual Integrations
APPROVED

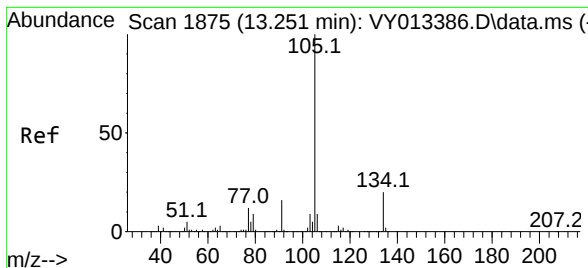
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.136 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

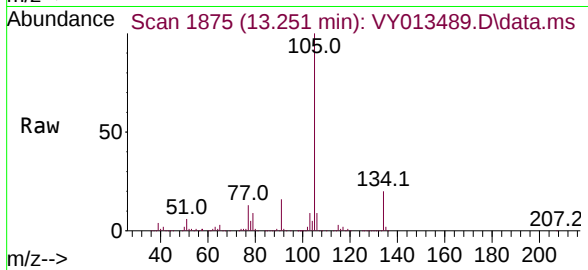
Tgt Ion:105 Resp: 635424
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 51.313 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36

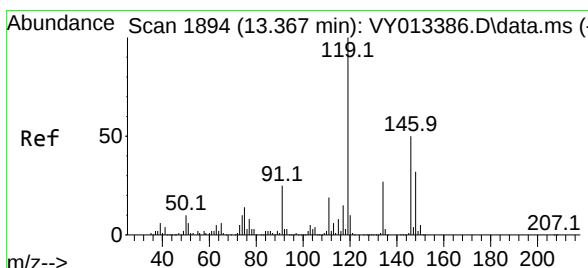
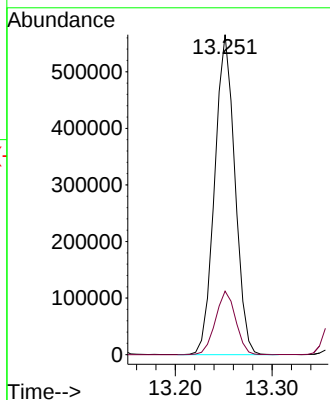
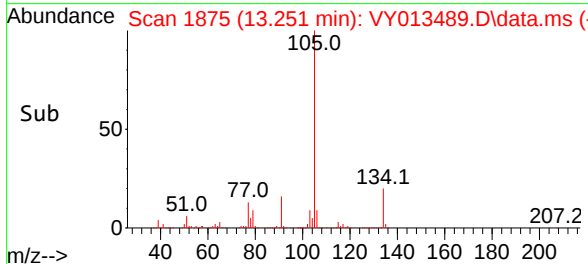
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



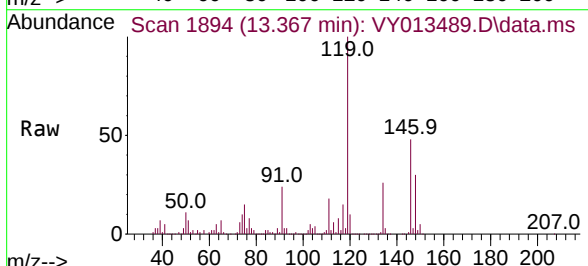
Tgt Ion:105 Resp: 82065
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.9

Manual Integrations
 APPROVED

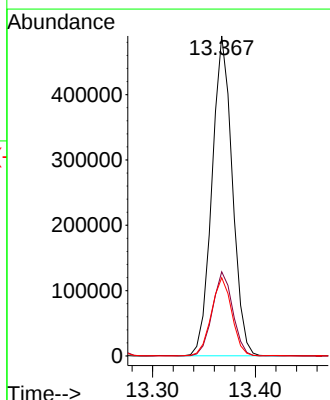
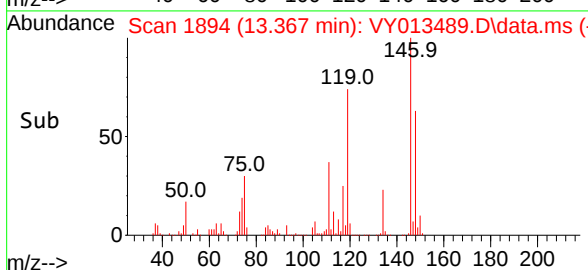
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

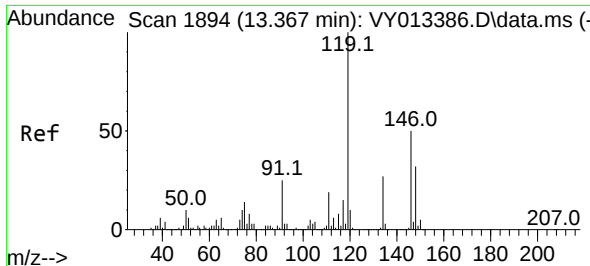


#86
 p-Isopropyltoluene
 Concen: 52.340 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013489.D
 Acq: 27 Apr 2023 13:36



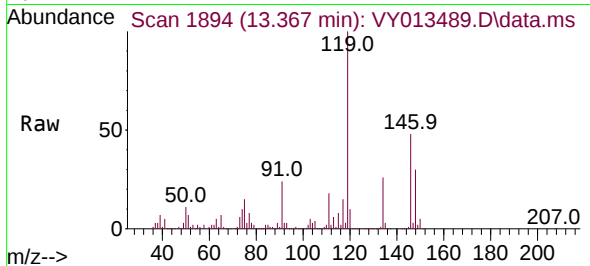
Tgt Ion:119 Resp: 673155
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 24.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 52.249 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

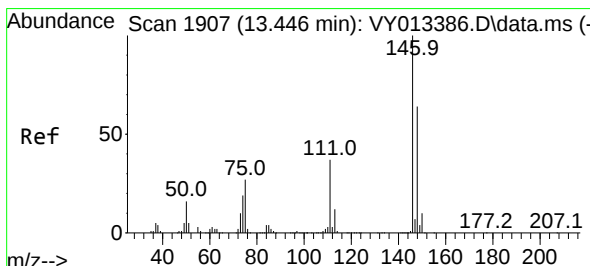
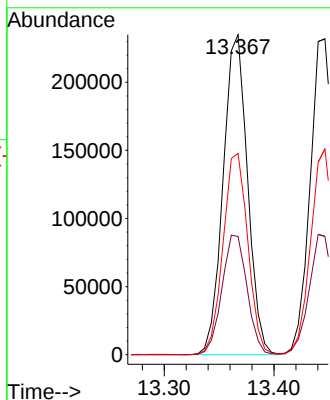
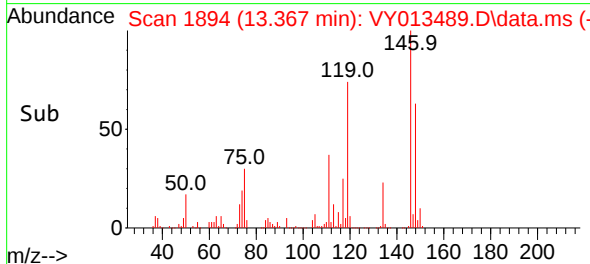
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



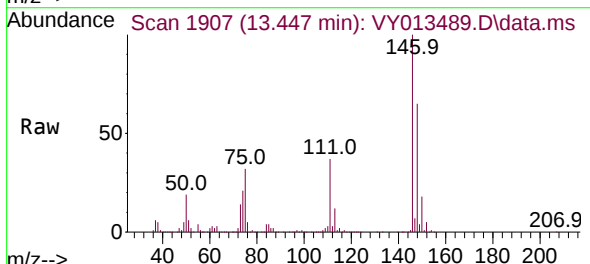
Tgt Ion:146 Resp: 363470
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 63.8 31.9 95.7

Manual Integrations
APPROVED

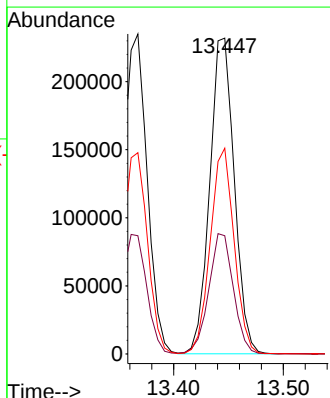
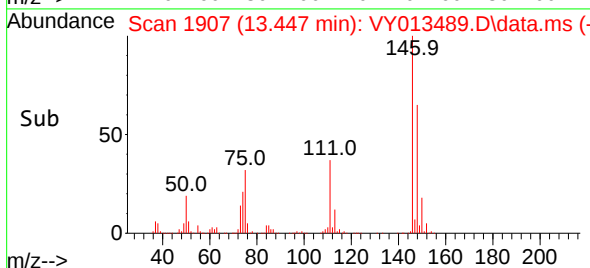
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

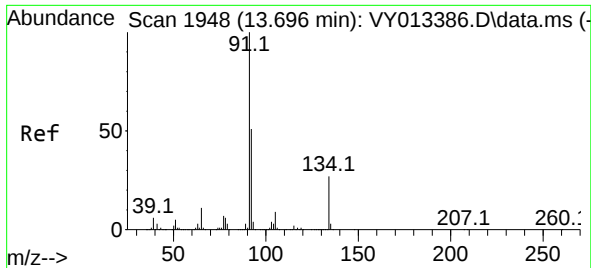


#88
1,4-Dichlorobenzene
Concen: 51.360 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



Tgt Ion:146 Resp: 360922
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 63.5 31.9 95.5





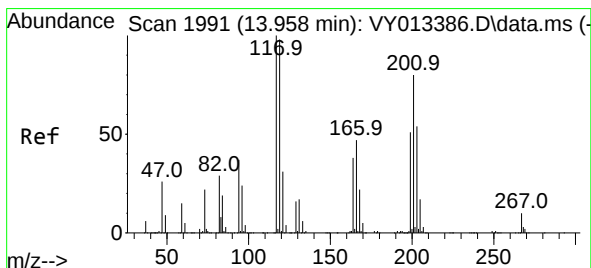
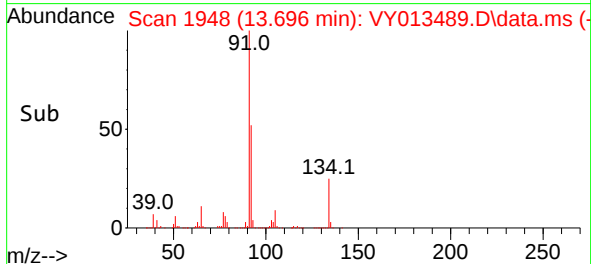
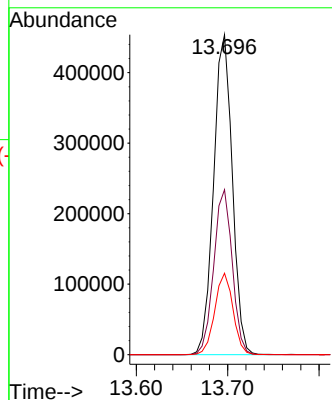
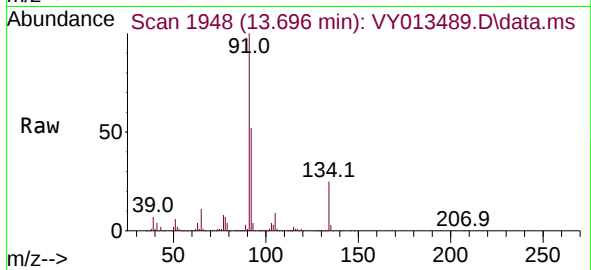
#89
n-Butylbenzene
Concen: 51.394 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 64512
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 24.9 13.5 40.4

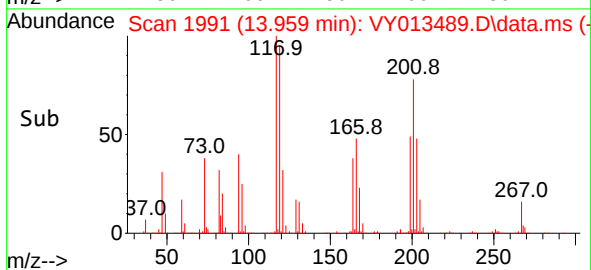
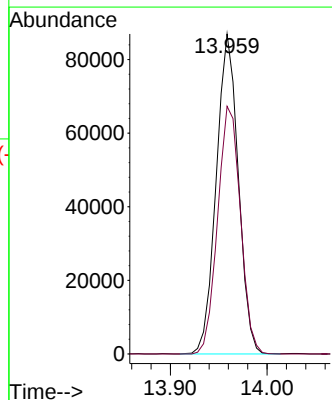
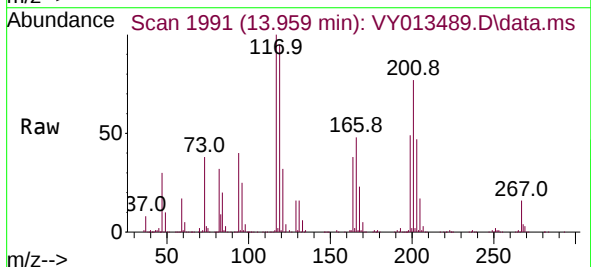
Manual Integrations
APPROVED

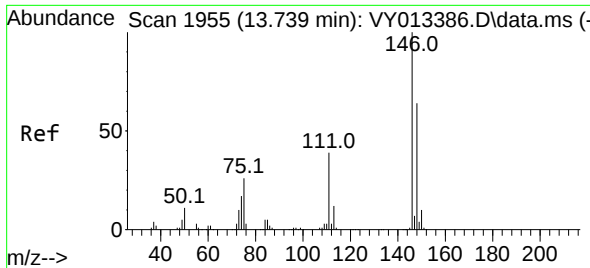
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#90
Hexachloroethane
Concen: 50.862 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Tgt Ion:117 Resp: 137675
Ion Ratio Lower Upper
117 100
201 79.9 41.6 124.8





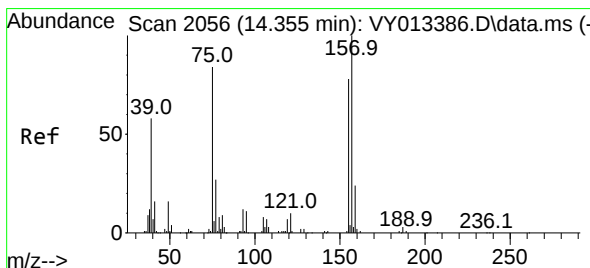
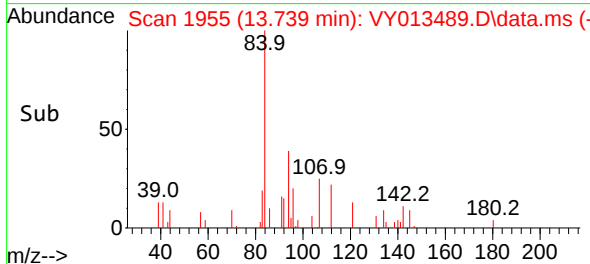
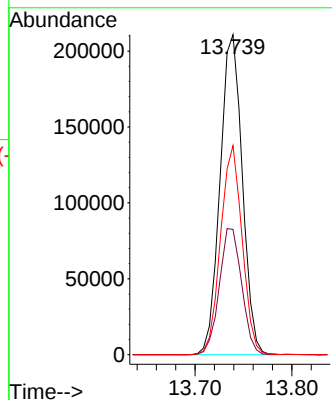
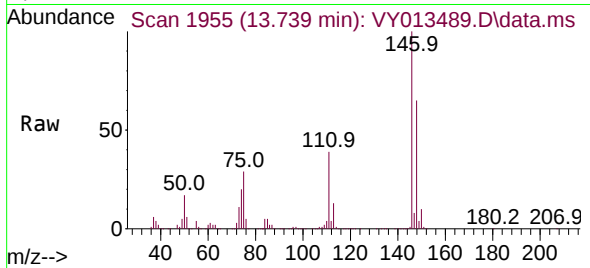
#91
1,2-Dichlorobenzene
Concen: 53.486 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 336000
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 63.4 31.8 95.4

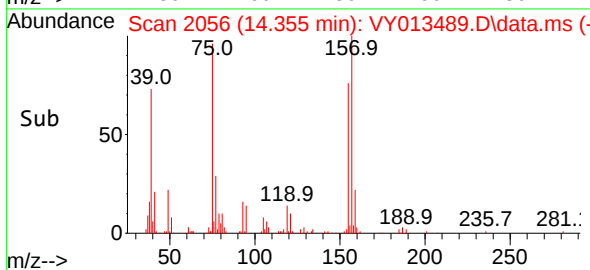
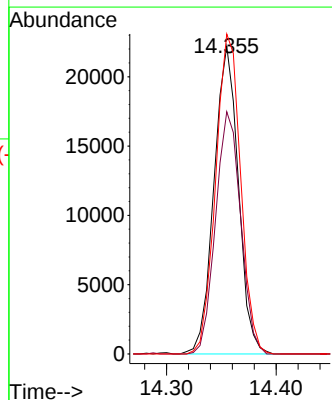
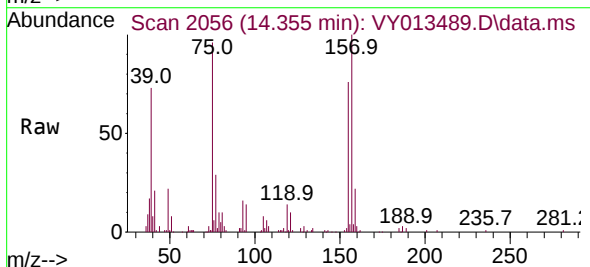
Manual Integrations
APPROVED

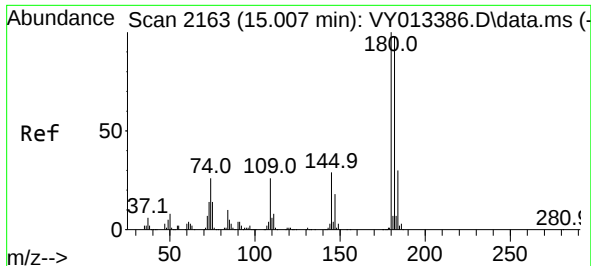
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.639 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

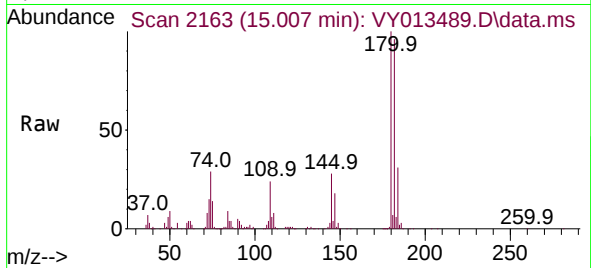
Tgt Ion: 75 Resp: 34244
Ion Ratio Lower Upper
75 100
155 81.1 44.6 134.0
157 106.6 57.6 172.7





#93
1,2,4-Trichlorobenzene
Concen: 54.681 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36

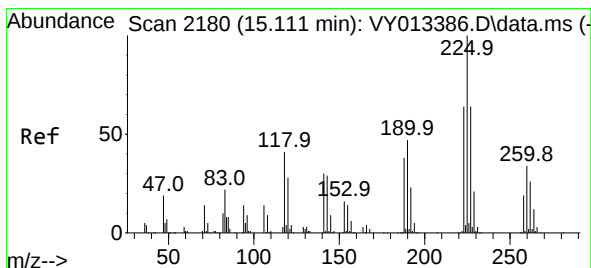
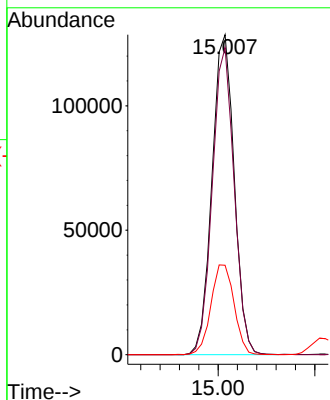
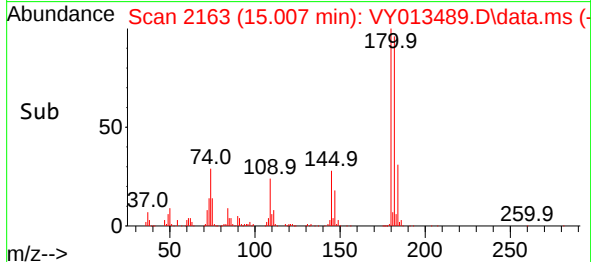
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



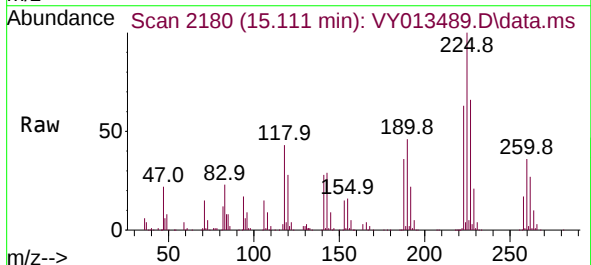
Tgt Ion:180 Resp: 204802
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.5
145 29.3 15.0 45.0

Manual Integrations
APPROVED

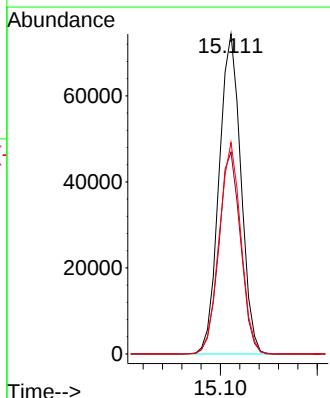
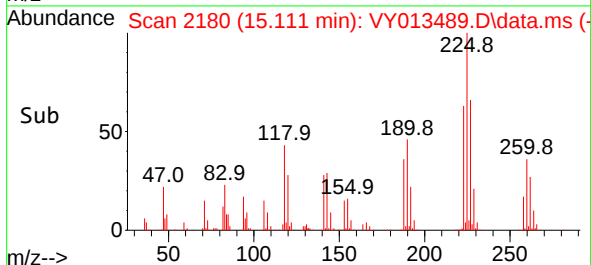
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

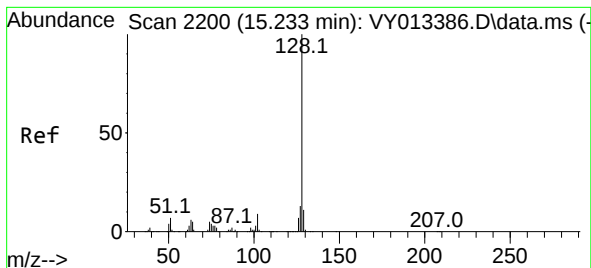


#94
Hexachlorobutadiene
Concen: 53.357 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013489.D
Acq: 27 Apr 2023 13:36



Tgt Ion:225 Resp: 116307
Ion Ratio Lower Upper
225 100
223 63.1 31.4 94.2
227 65.5 32.0 96.0





#95

Naphthalene

Concen: 57.539 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 467589

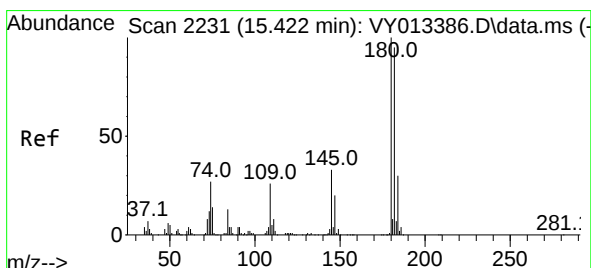
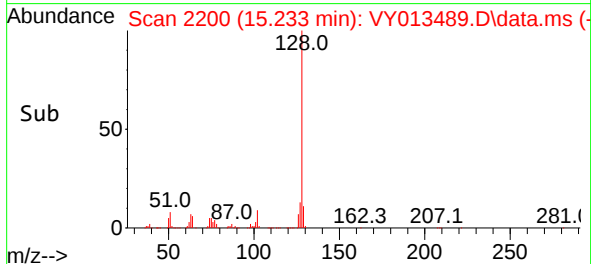
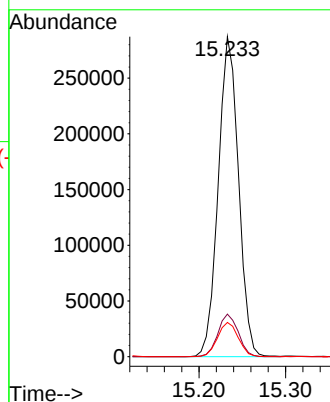
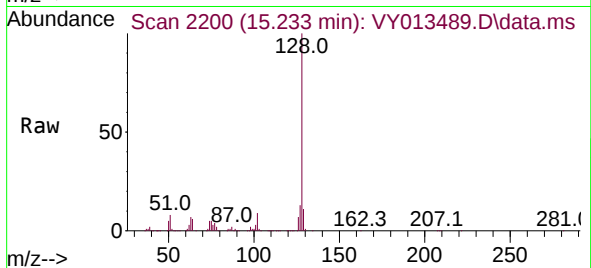
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 57.059 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013489.D

Acq: 27 Apr 2023 13:36

Tgt Ion:180 Resp: 190478

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.3
145	31.1	15.9	47.7

