

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014227.D
 Acq On : 19 Jun 2023 13:21
 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 : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	224179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131863	42.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.480%		
35) Dibromofluoromethane	7.710	113	118475	51.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.800%		
50) Toluene-d8	10.173	98	403889	46.874	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.740%		
62) 4-Bromofluorobenzene	12.477	95	165796	54.167	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	108.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	118503	47.431	ug/l	96
3) Chloromethane	2.113	50	140469	44.341	ug/l	100
4) Vinyl Chloride	2.247	62	147706	47.956	ug/l	99
5) Bromomethane	2.631	94	102757	40.435	ug/l	99
6) Chloroethane	2.784	64	93355	44.606	ug/l	95
7) Trichlorofluoromethane	3.113	101	259877	51.937	ug/l	96
8) Diethyl Ether	3.521	74	77869	46.606	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	136654	54.114	ug/l	99
10) Methyl Iodide	4.082	142	171323	51.378	ug/l	99
11) Tert butyl alcohol	4.948	59	91698	254.066	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	129763	50.696	ug/l	95
13) Acrolein	3.723	56	34214	234.937	ug/l	94
14) Allyl chloride	4.466	41	222716	48.002	ug/l	98
15) Acrylonitrile	5.155	53	202522	235.000	ug/l	99
16) Acetone	3.936	43	220487	234.315	ug/l	98
17) Carbon Disulfide	4.186	76	393836	47.482	ug/l	100
18) Methyl Acetate	4.466	43	169676	46.456	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	347422	46.021	ug/l	100
20) Methylene Chloride	4.704	84	183029	61.770	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	134583	47.141	ug/l	98
22) Diisopropyl ether	6.112	45	413413	46.537	ug/l	94
23) Vinyl Acetate	6.051	43	1230962	234.853	ug/l	99
24) 1,1-Dichloroethane	6.003	63	239429	46.746	ug/l	99
25) 2-Butanone	6.978	43	282764	244.117	ug/l	97
26) 2,2-Dichloropropane	6.972	77	240064	49.902	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	150358	47.080	ug/l	99
28) Bromochloromethane	7.326	49	90306	43.356	ug/l	94
29) Tetrahydrofuran	7.338	42	177771	242.030	ug/l	97
30) Chloroform	7.496	83	260153	47.876	ug/l	98
31) Cyclohexane	7.777	56	215642	51.566	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	248294	50.664	ug/l	97
36) 1,1-Dichloropropene	7.911	75	193706	53.910	ug/l	98
37) Ethyl Acetate	7.063	43	119513	48.206	ug/l	97
38) Carbon Tetrachloride	7.893	117	230800	55.662	ug/l	97
39) Methylcyclohexane	9.179	83	231524	58.075	ug/l	98
40) Benzene	8.155	78	546251	51.125	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	63929m	50.526	ug/l	
42) 1,2-Dichloroethane	8.234	62	184630	48.866	ug/l	100
43) Isopropyl Acetate	8.264	43	222314	51.162	ug/l	99
44) Trichloroethene	8.935	130	152391	53.383	ug/l	96
45) 1,2-Dichloropropane	9.209	63	134989	49.740	ug/l	98
46) Dibromomethane	9.301	93	81793	48.962	ug/l	98
47) Bromodichloromethane	9.490	83	197922	50.600	ug/l	100
48) Methyl methacrylate	9.289	41	103253	50.946	ug/l	98
49) 1,4-Dioxane	9.289	88	21499	1012.825	ug/l #	53
51) 4-Methyl-2-Pentanone	10.063	43	610037	258.410	ug/l	99
52) Toluene	10.240	92	349151	52.715	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	208246	50.574	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	228295	50.816	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	111903	50.503	ug/l	93
56) Ethyl methacrylate	10.508	69	156979	51.364	ug/l	98
57) 1,3-Dichloropropane	10.782	76	187005	49.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	434805	310.557	ug/l	97
59) 2-Hexanone	10.825	43	447038	262.184	ug/l	100
60) Dibromochloromethane	10.977	129	144520	50.960	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109141	49.909	ug/l	100
64) Tetrachloroethene	10.715	164	153197	58.731	ug/l	98
65) Chlorobenzene	11.514	112	368328	50.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	145739	50.390	ug/l	99
67) Ethyl Benzene	11.587	91	684467	53.178	ug/l	98
68) m/p-Xylenes	11.697	106	533635	107.788	ug/l	97
69) o-Xylene	12.026	106	249542	53.313	ug/l	99
70) Styrene	12.038	104	421168	52.721	ug/l	99
71) Bromoform	12.203	173	100486	50.731	ug/l	98
73) Isopropylbenzene	12.325	105	667837	52.641	ug/l	100
74) N-amyl acetate	12.142	43	198580	49.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	134696	47.515	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	95997m	43.998	ug/l	
77) Bromobenzene	12.605	156	162039	48.595	ug/l	97
78) n-propylbenzene	12.666	91	831116	53.635	ug/l	100
79) 2-Chlorotoluene	12.751	91	457945	51.361	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	574420	52.879	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	49298	48.840	ug/l	97
82) 4-Chlorotoluene	12.849	91	474840	50.255	ug/l	99
83) tert-Butylbenzene	13.069	119	502566	54.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	571450	53.143	ug/l	100
85) sec-Butylbenzene	13.251	105	736636	54.887	ug/l	100
86) p-Isopropyltoluene	13.367	119	626845	54.574	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	324451	50.963	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	317779	49.541	ug/l	99
89) n-Butylbenzene	13.690	91	586710	55.072	ug/l	99
90) Hexachloroethane	13.959	117	119579	52.245	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	290033	50.723	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25466	47.174	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	184080	50.819	ug/l	97
94) Hexachlorobutadiene	15.111	225	116304	55.615	ug/l	98
95) Naphthalene	15.233	128	372158	50.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	163569	49.973	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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

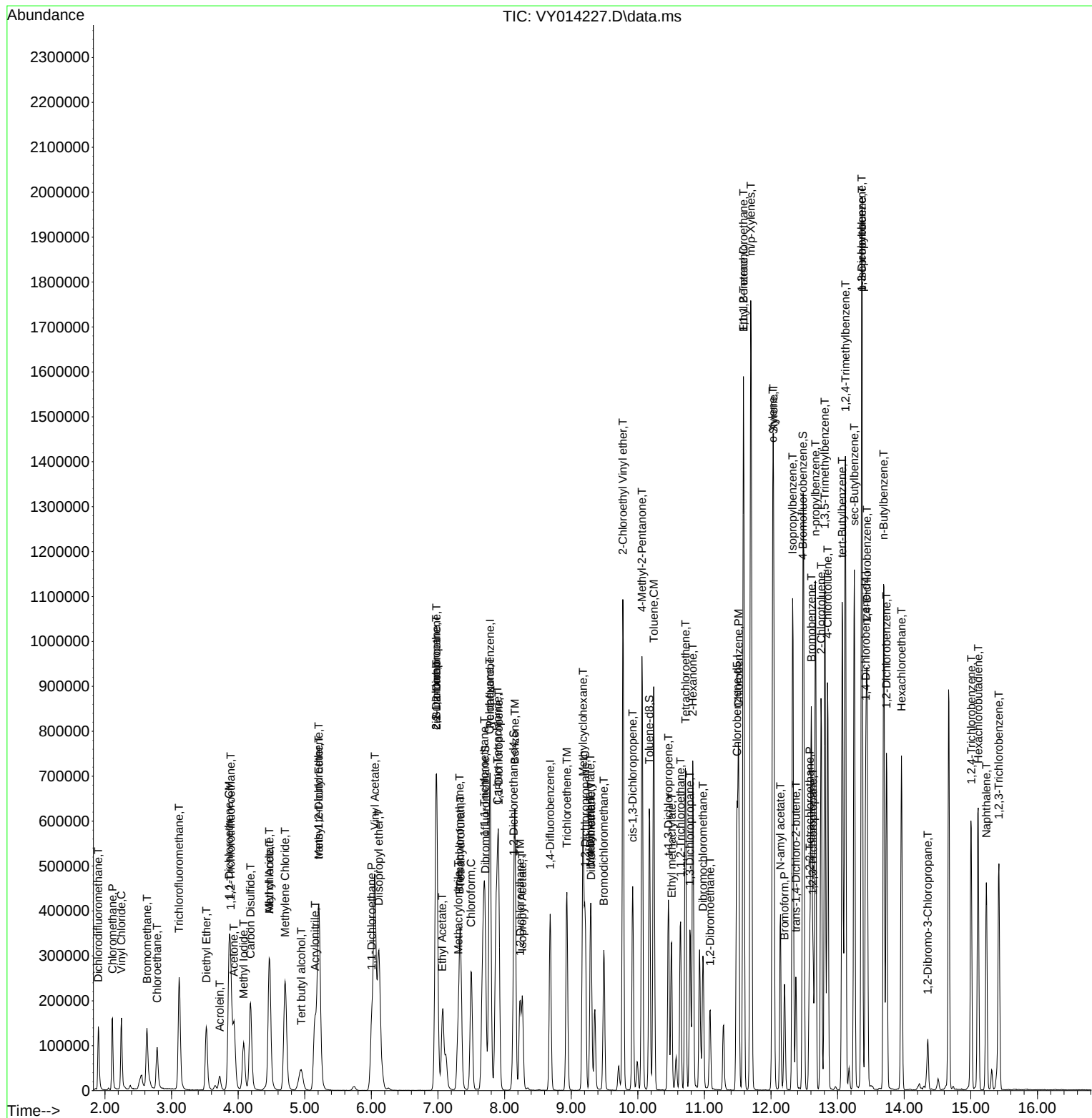
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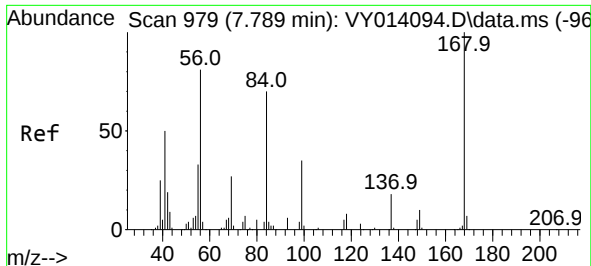
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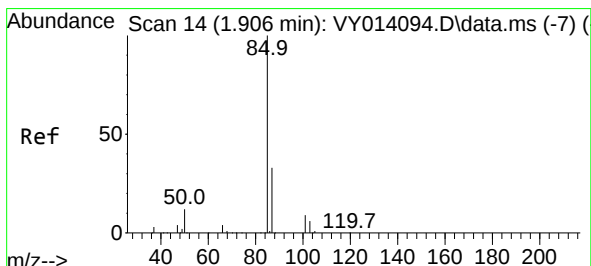
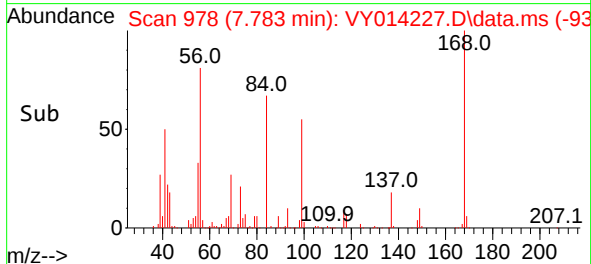
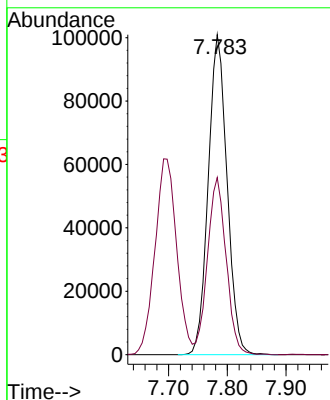
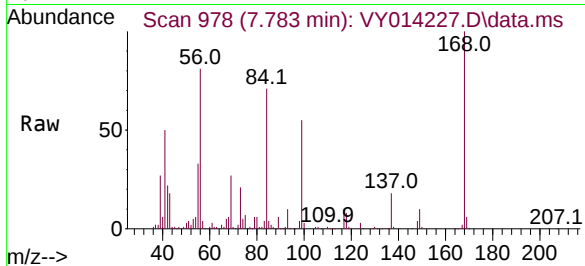
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 224179
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

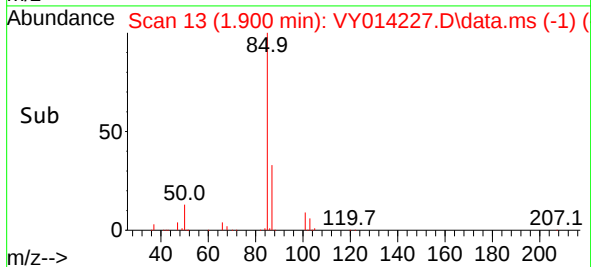
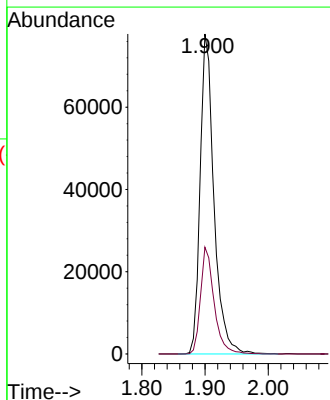
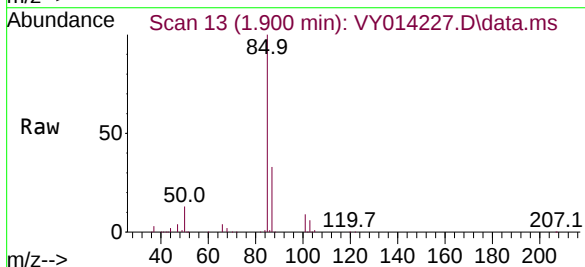
Manual Integrations
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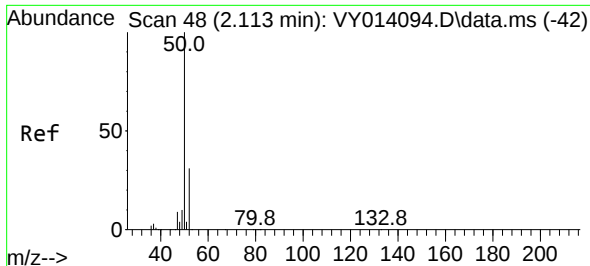
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#2
Dichlorodifluoromethane
Concen: 47.431 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

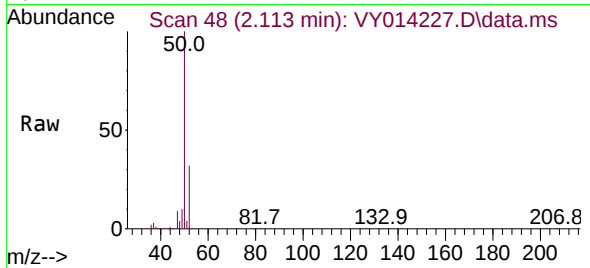
Tgt Ion: 85 Resp: 118503
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3
Chloromethane
Concen: 44.341 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

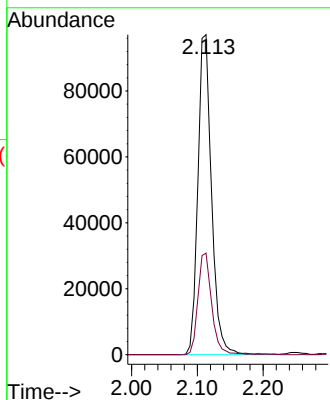
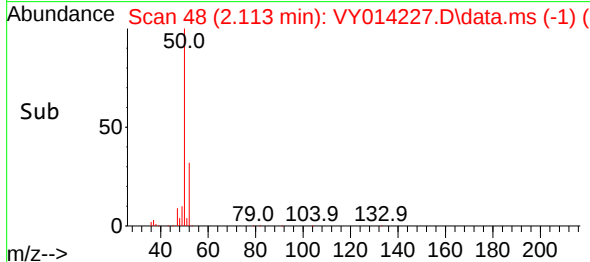
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



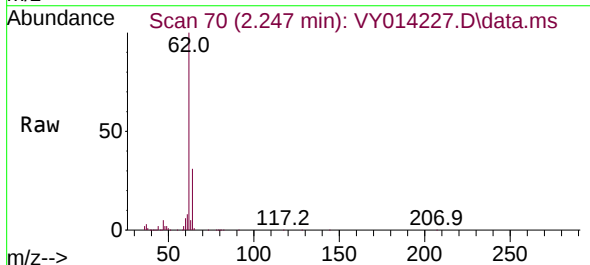
Tgt Ion: 50 Resp: 140469
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

Manual Integrations
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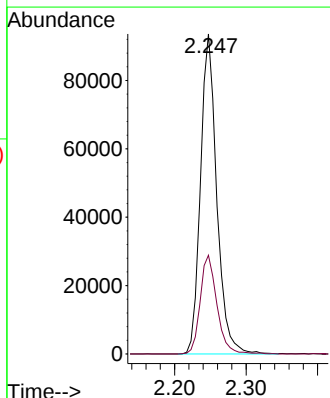
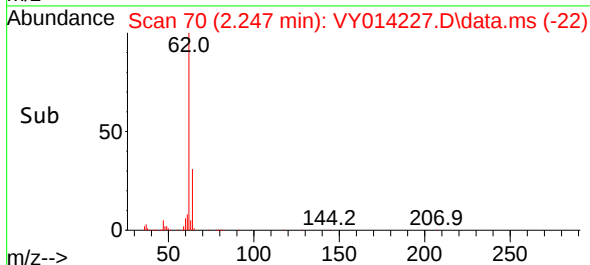
Reviewed By :John Carlone 06/20/2023
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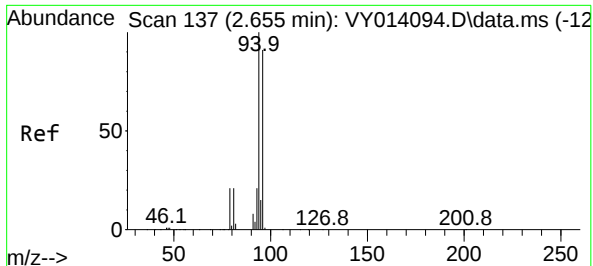


#4
Vinyl Chloride
Concen: 47.956 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion: 62 Resp: 147706
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





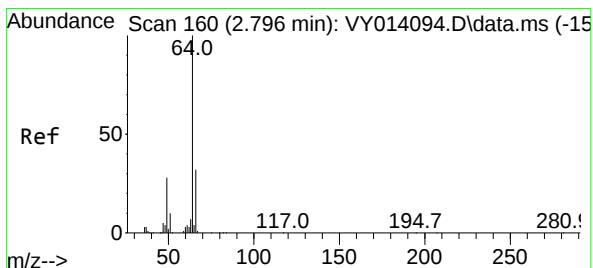
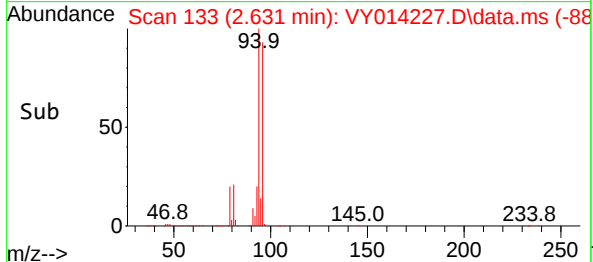
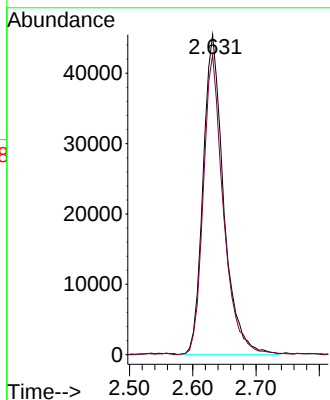
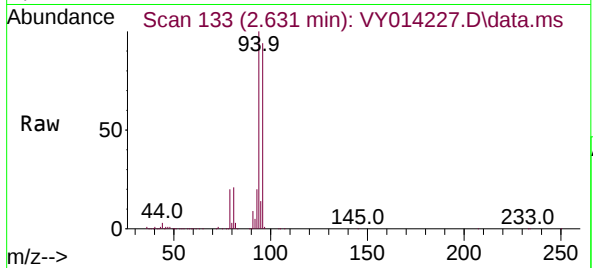
#5
Bromomethane
Concen: 40.435 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014227.D
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Instrument :
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Tgt Ion: 94 Resp: 10275
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6

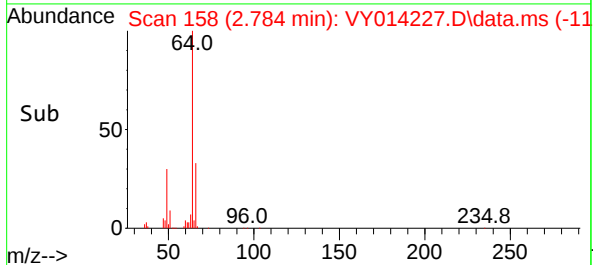
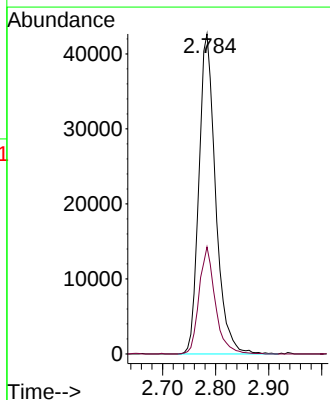
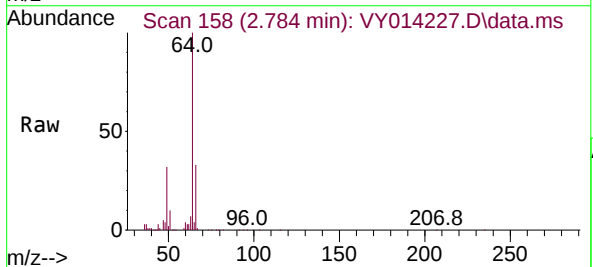
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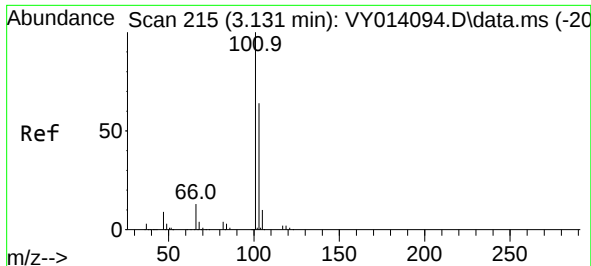
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#6
Chloroethane
Concen: 44.606 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

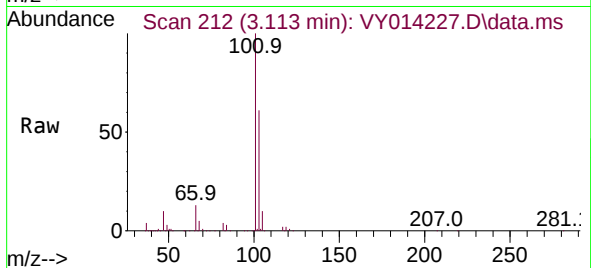
Tgt Ion: 64 Resp: 93355
Ion Ratio Lower Upper
64 100
66 33.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 51.937 ug/l
RT: 3.113 min Scan# 215
Delta R.T. -0.018 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

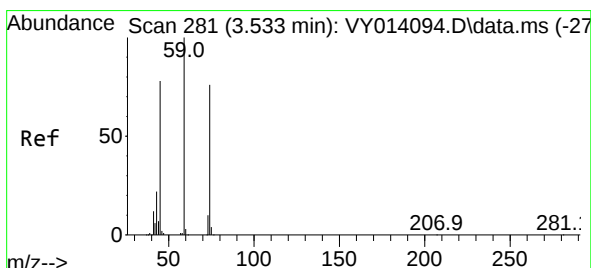
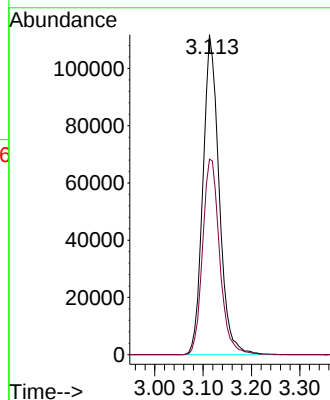
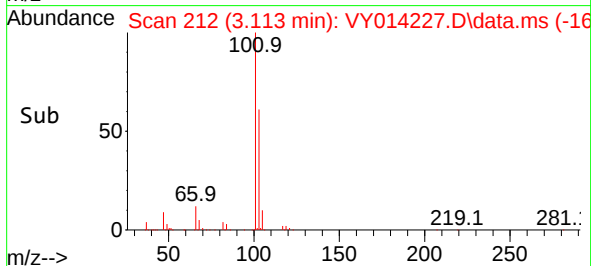
Instrument :
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Tgt Ion:101 Resp: 25987
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.0

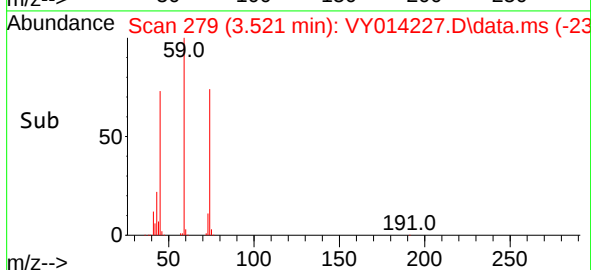
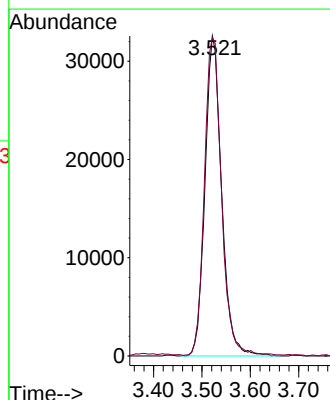
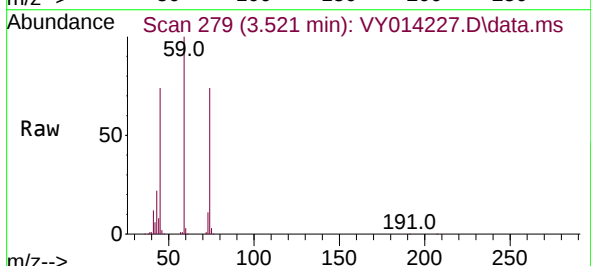
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#8
Diethyl Ether
Concen: 46.606 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY014227.D
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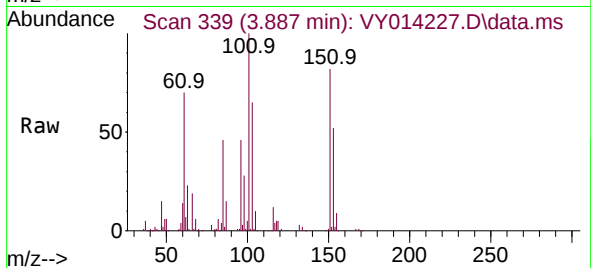
Tgt Ion: 74 Resp: 77869
Ion Ratio Lower Upper
74 100
45 101.7 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.114 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

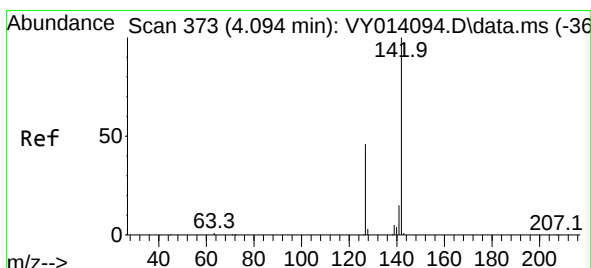
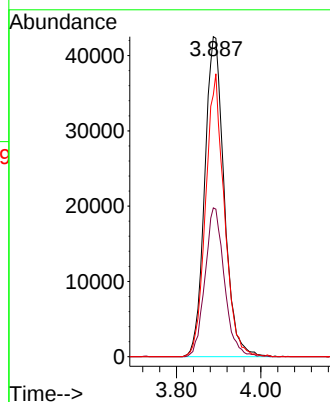
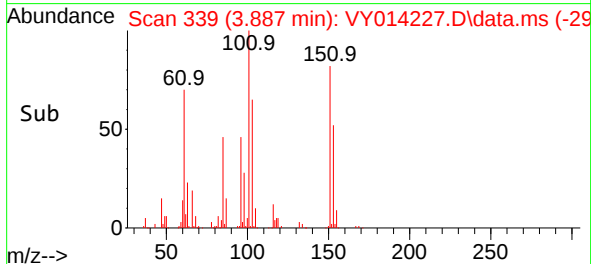
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



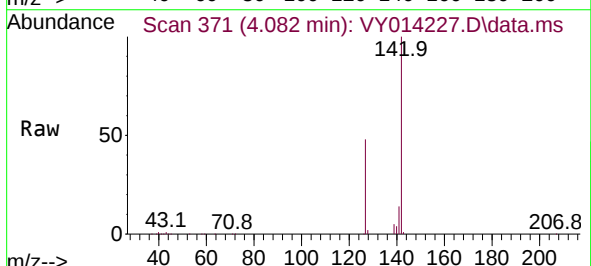
Tgt Ion:101 Resp: 136654
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 84.8 67.0 100.6

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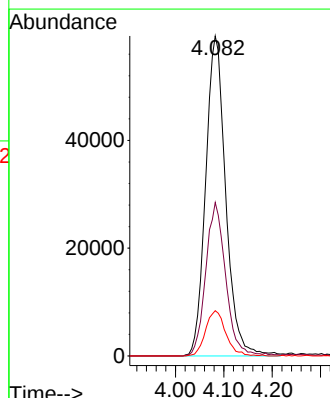
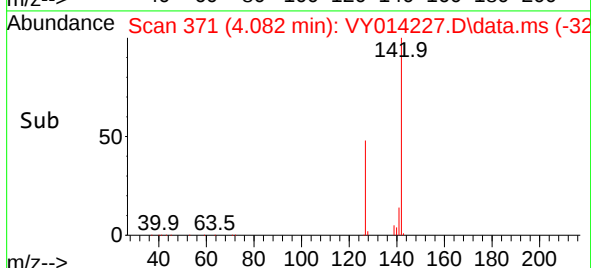
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

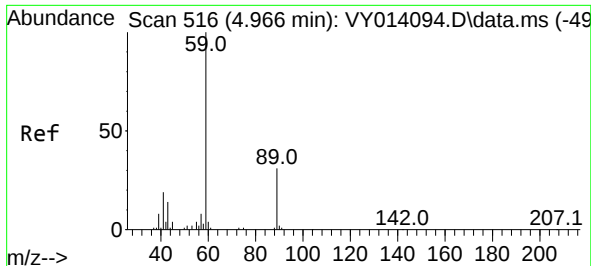


#10
Methyl Iodide
Concen: 51.378 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:142 Resp: 171323
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 14.3 11.8 17.8





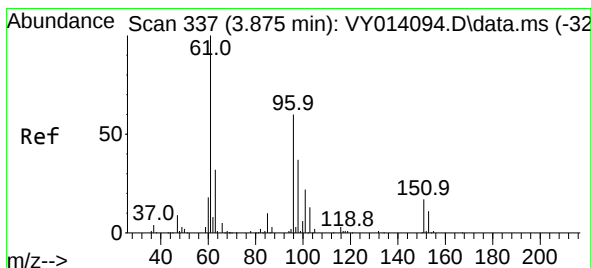
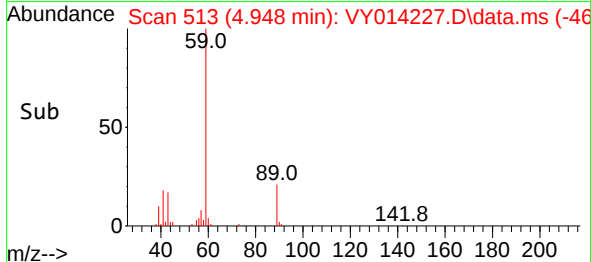
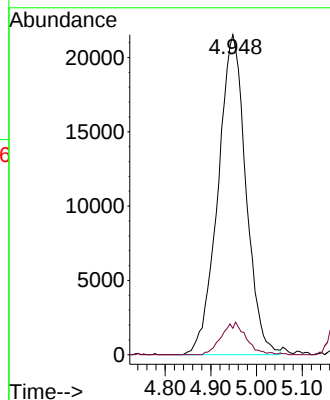
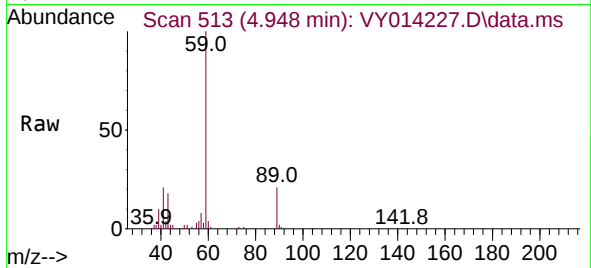
#11
Tert butyl alcohol
Concen: 254.066 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 91698
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4

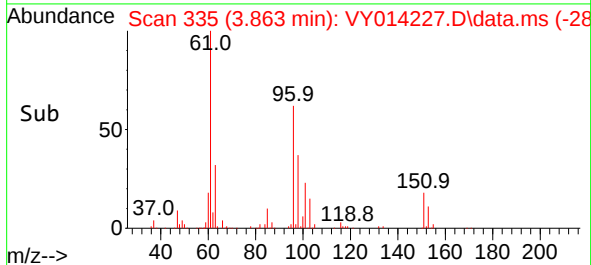
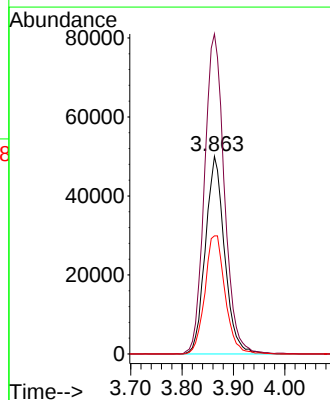
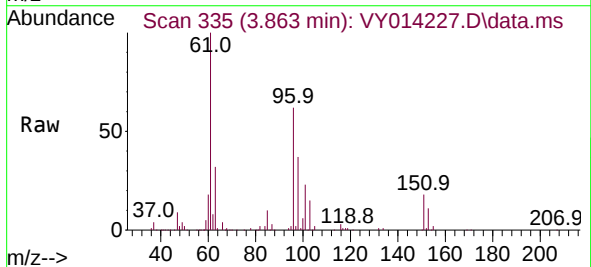
Manual Integrations
APPROVED

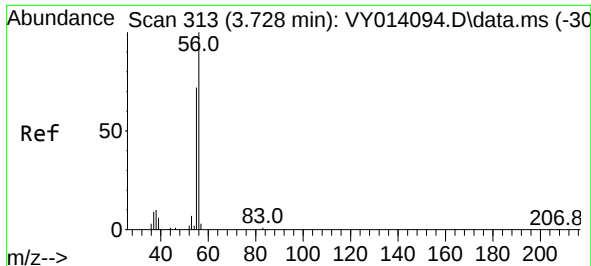
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#12
1,1-Dichloroethene
Concen: 50.696 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 96 Resp: 129763
Ion Ratio Lower Upper
96 100
61 161.9 136.4 204.6
98 59.8 49.4 74.2





#13

Acrolein

Concen: 234.937 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 34214

Ion Ratio Lower Upper

56 100

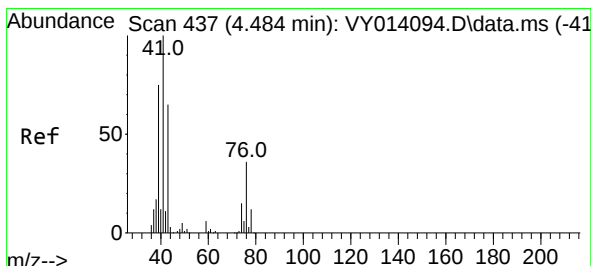
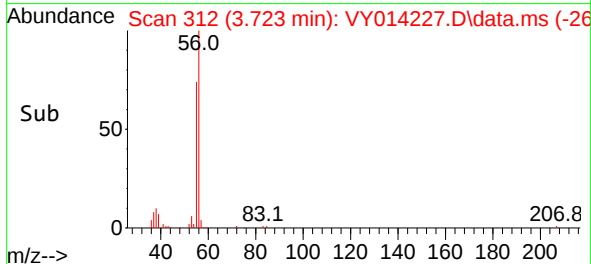
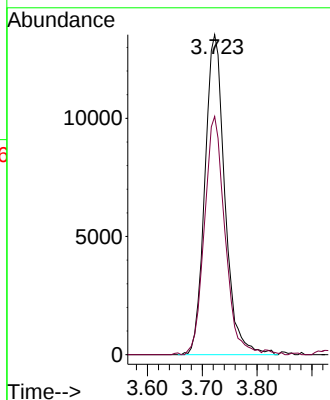
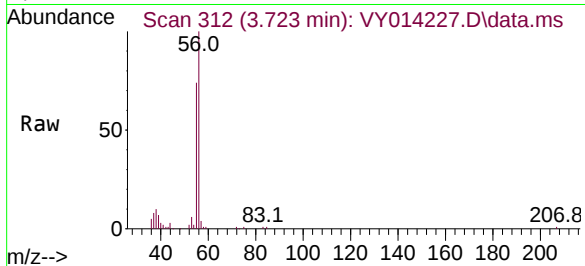
55 76.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#14

Allyl chloride

Concen: 48.002 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.018 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

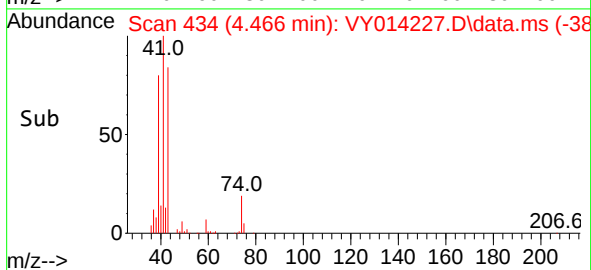
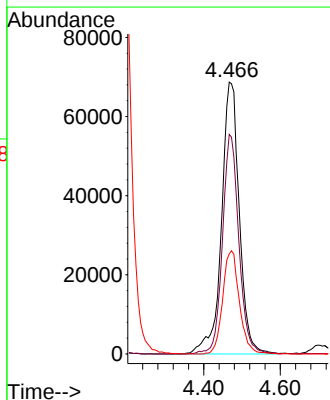
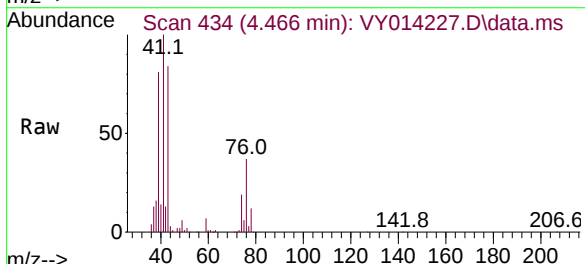
Tgt Ion: 41 Resp: 222716

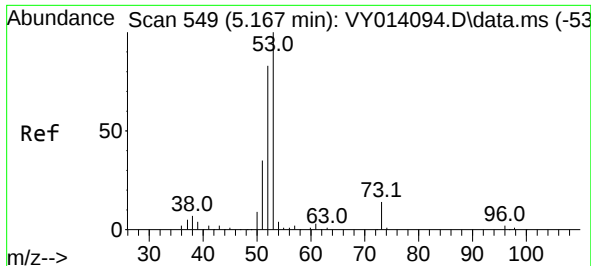
Ion Ratio Lower Upper

41 100

39 74.2 58.0 87.0

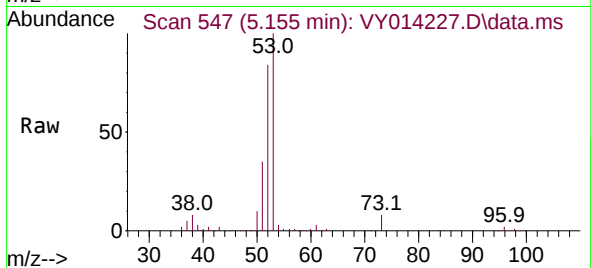
76 35.5 27.4 41.2





#15
Acrylonitrile
Concen: 235.000 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

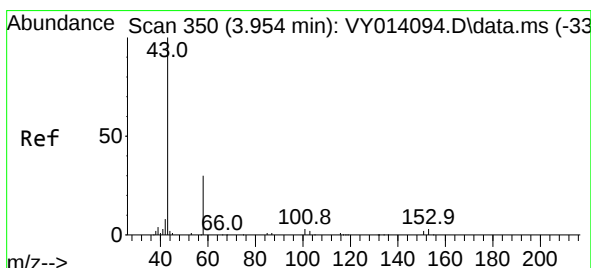
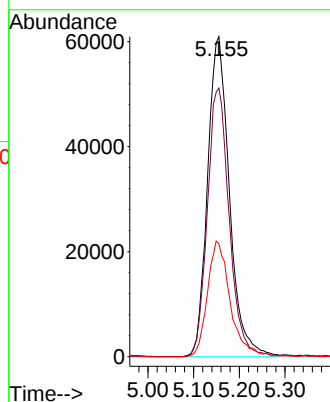
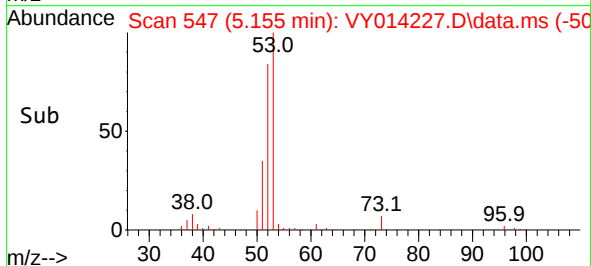
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



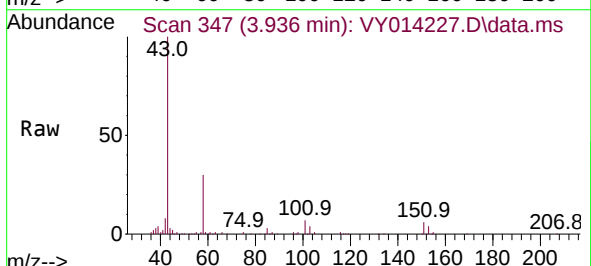
Tgt Ion: 53 Resp: 20252
Ion Ratio Lower Upper
53 100
52 84.1 66.9 100.3
51 37.5 29.8 44.6

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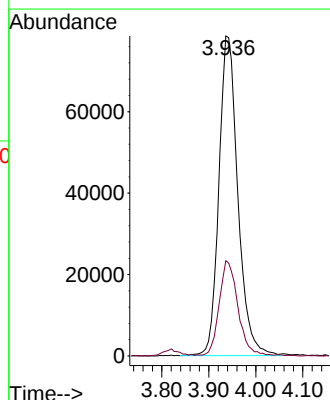
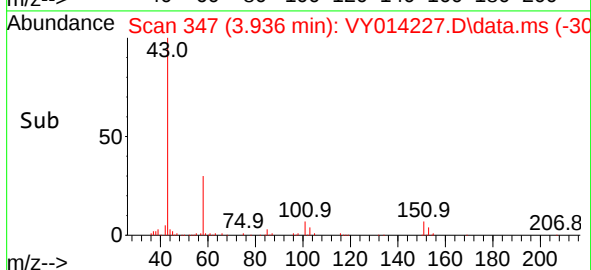
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

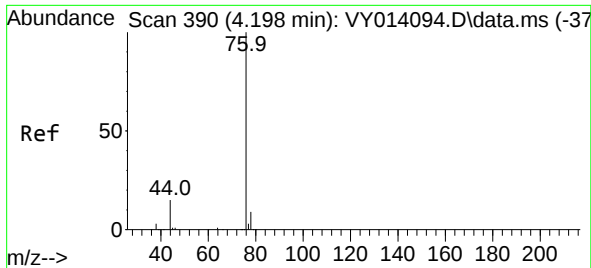


#16
Acetone
Concen: 234.315 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



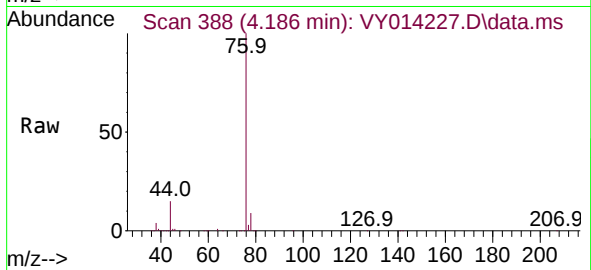
Tgt Ion: 43 Resp: 220487
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1





#17
Carbon Disulfide
Concen: 47.482 ug/l
RT: 4.186 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

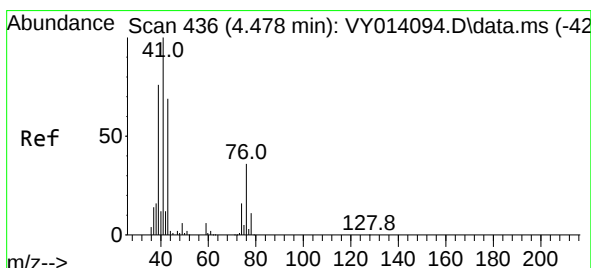
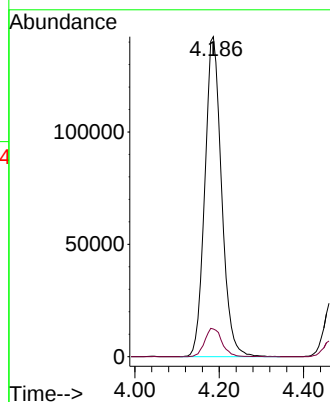
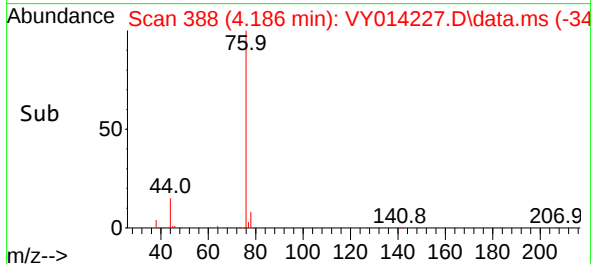
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 393830
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

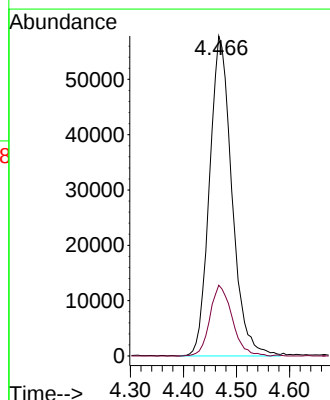
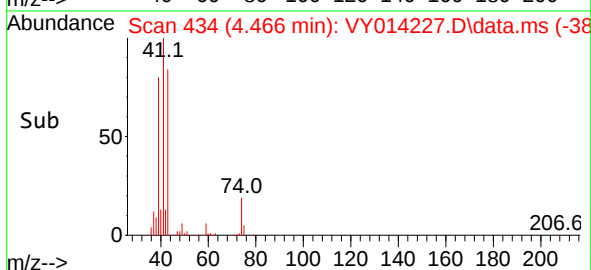
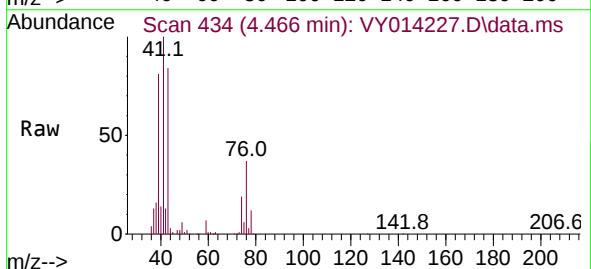
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#18
Methyl Acetate
Concen: 46.456 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

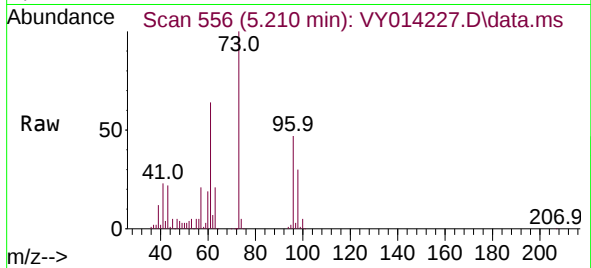
Tgt Ion: 43 Resp: 169676
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 46.021 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

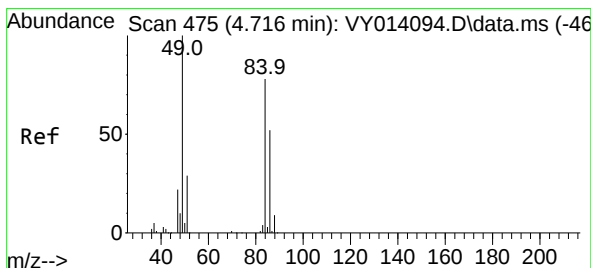
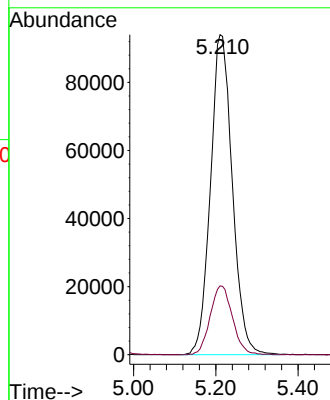
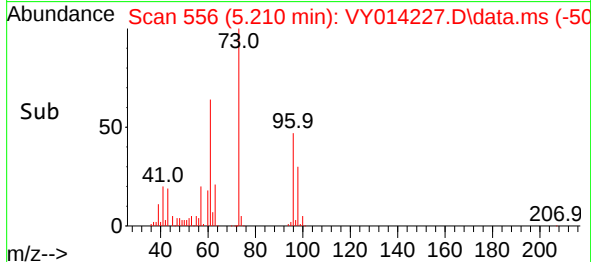
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 34742
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

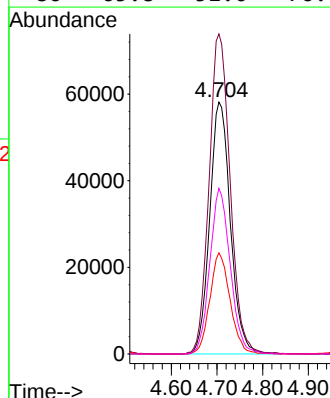
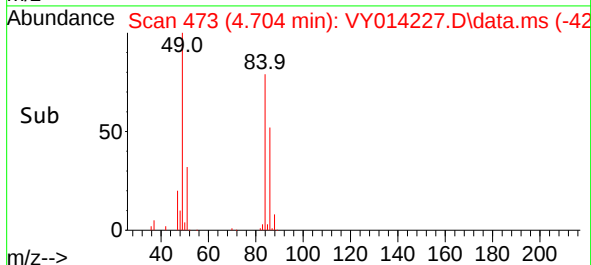
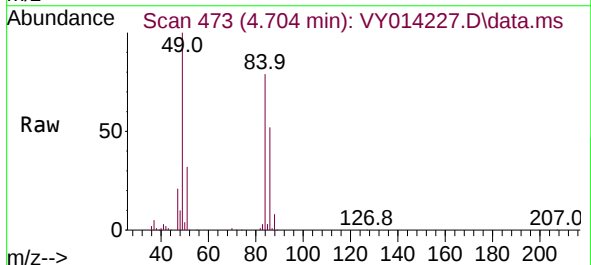
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#20
Methylene Chloride
Concen: 61.770 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

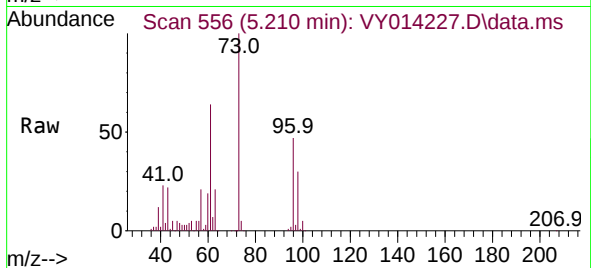
Tgt Ion: 84 Resp: 183029
Ion Ratio Lower Upper
84 100
49 127.0 106.9 160.3
51 40.1 33.2 49.8
86 65.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.141 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

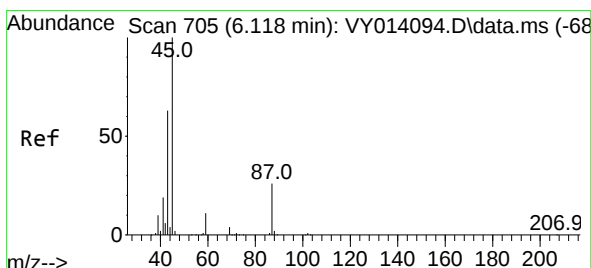
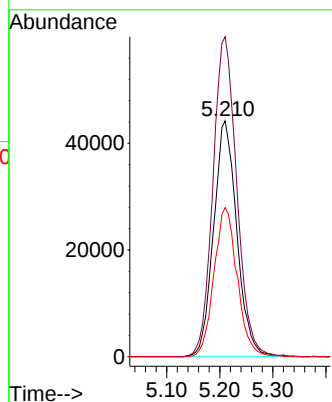
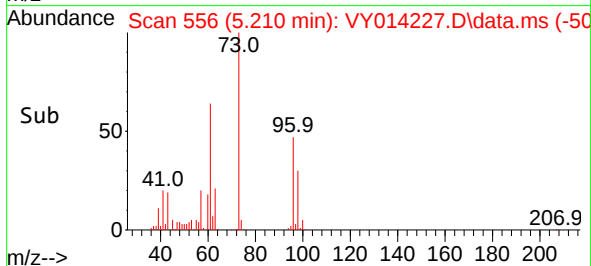
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13458
Ion Ratio Lower Upper
96 100
61 135.6 110.2 165.4
98 63.2 51.8 77.6

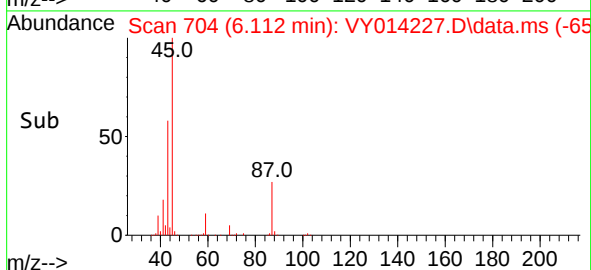
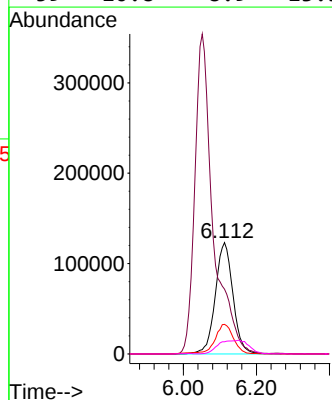
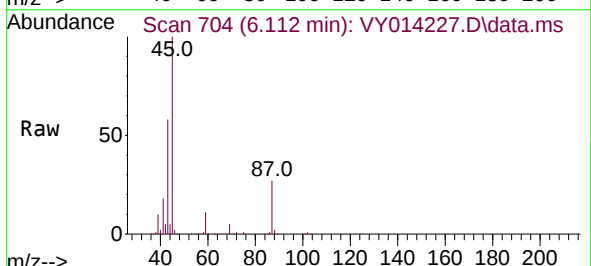
Manual Integrations
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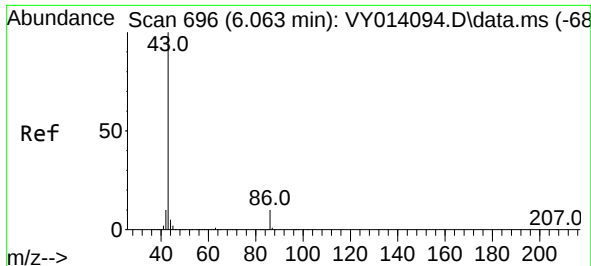
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#22
Diisopropyl ether
Concen: 46.537 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 45 Resp: 413413
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 26.6 21.0 31.6
59 10.8 8.9 13.3





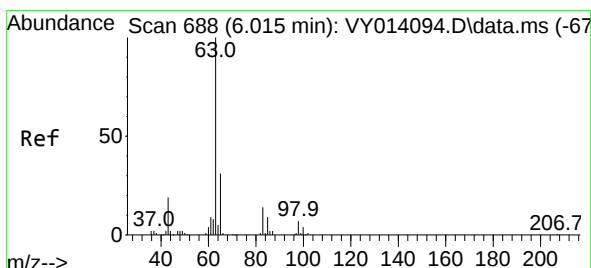
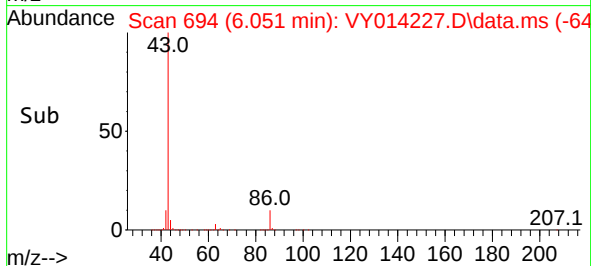
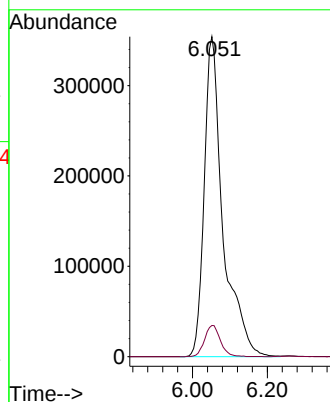
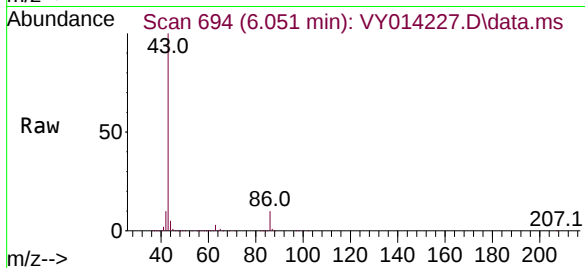
#23
 Vinyl Acetate
 Concen: 234.853 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 123096
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

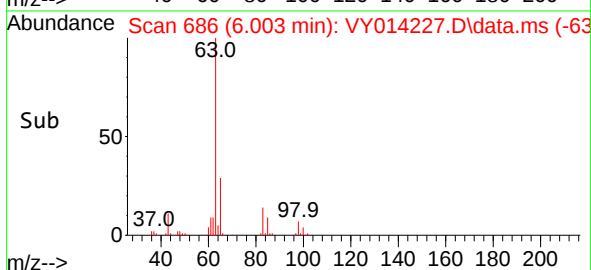
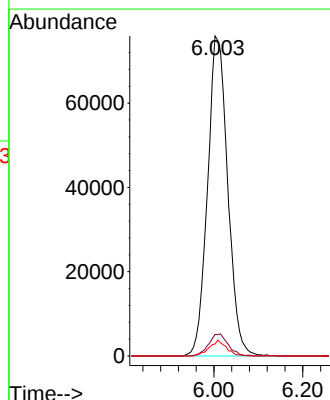
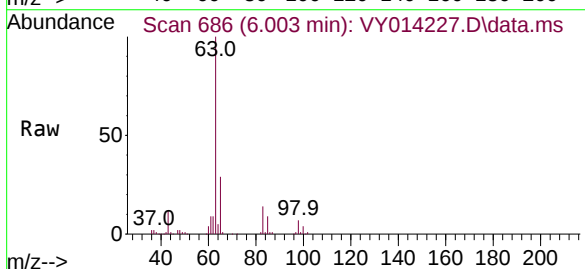
Manual Integrations
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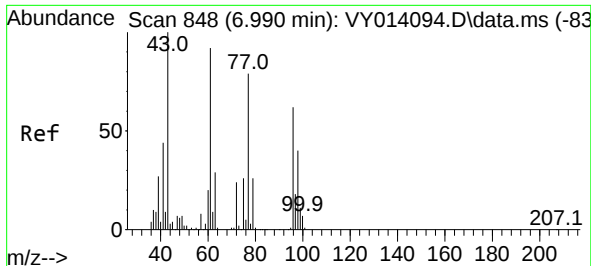
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.746 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

Tgt Ion: 63 Resp: 239429
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 3.8 1.8 5.5





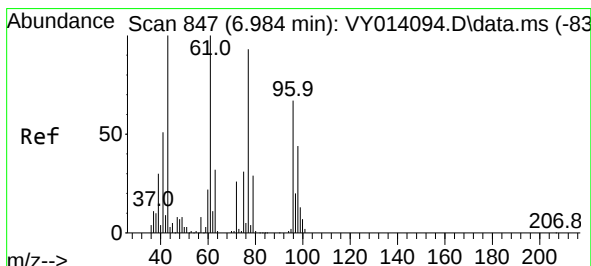
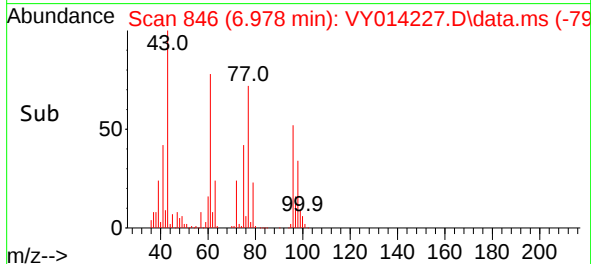
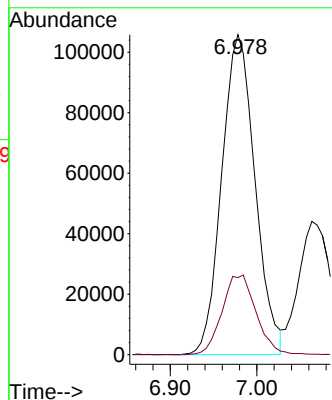
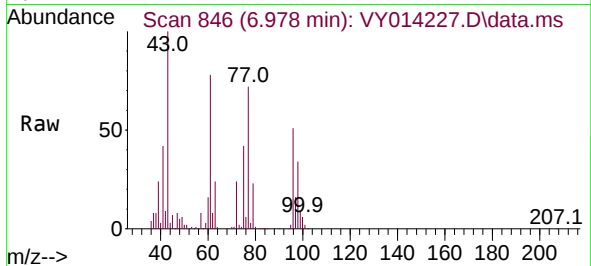
#25
2-Butanone
Concen: 244.117 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 282764
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7

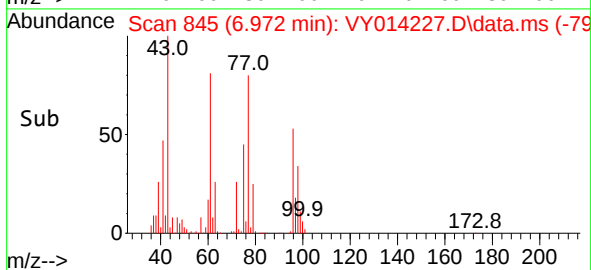
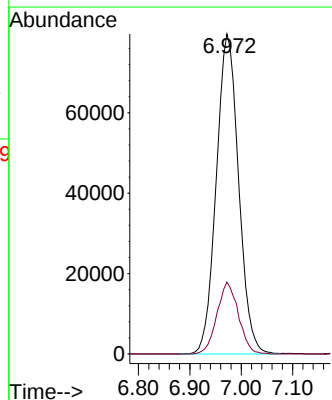
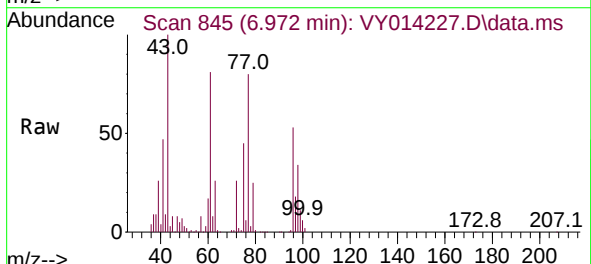
Manual Integrations
APPROVED

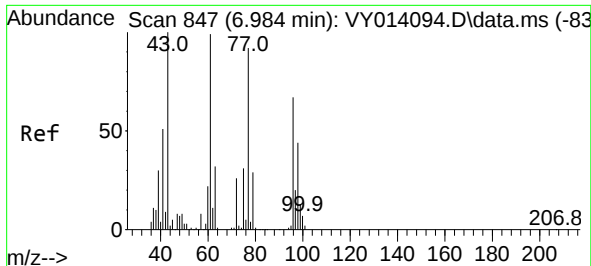
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#26
2,2-Dichloropropane
Concen: 49.902 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 77 Resp: 240064
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.080 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 150358

Ion Ratio Lower Upper

96 100

61 149.7 0.0 301.4

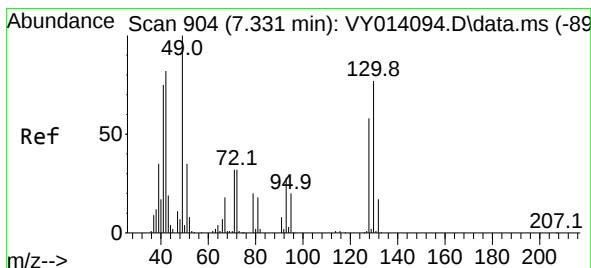
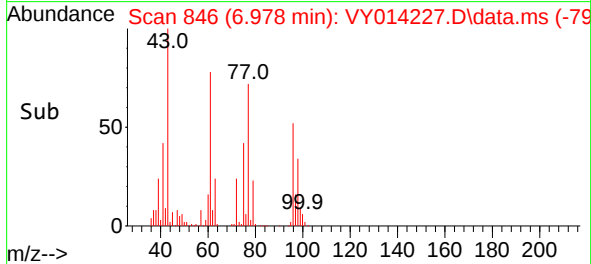
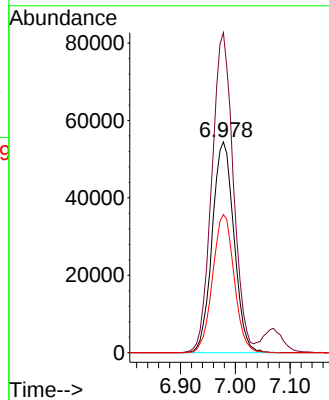
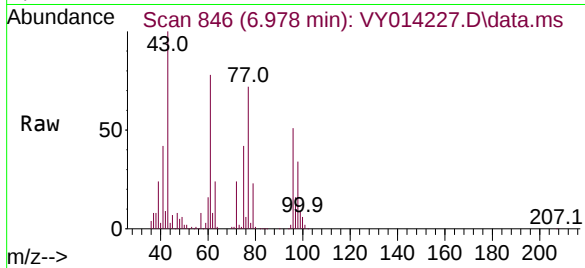
98 64.8 0.0 130.4

Manual Integrations

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Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#28

Bromochloromethane

Concen: 43.356 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

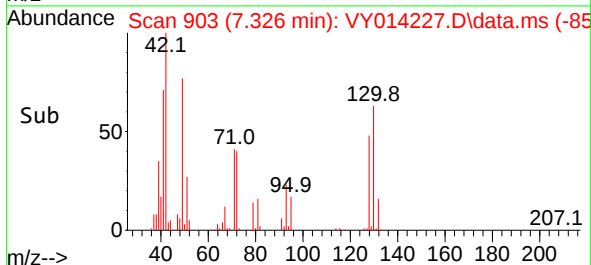
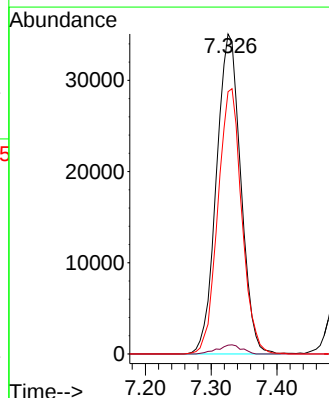
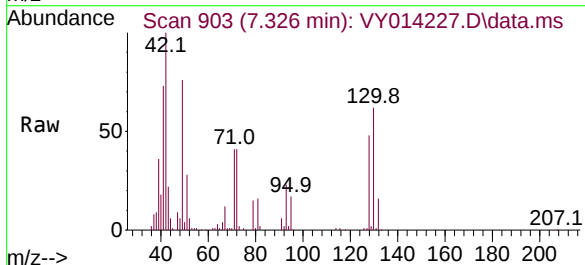
Tgt Ion: 49 Resp: 90306

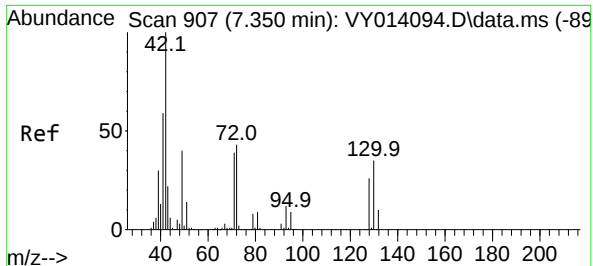
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 81.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 242.030 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17777

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

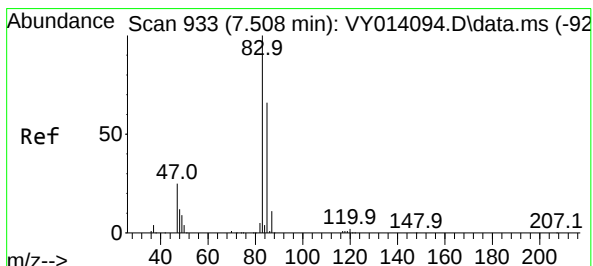
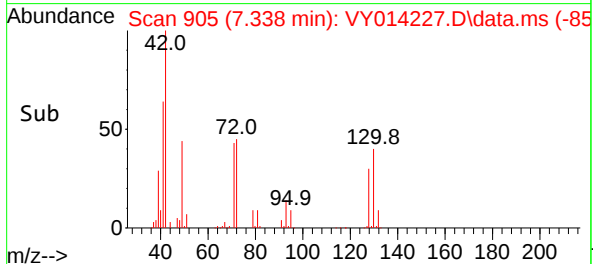
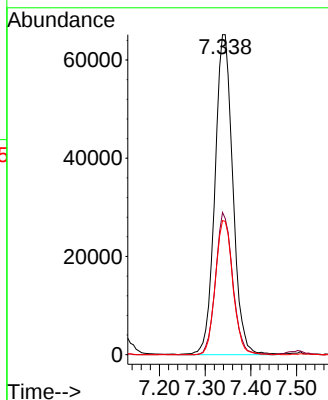
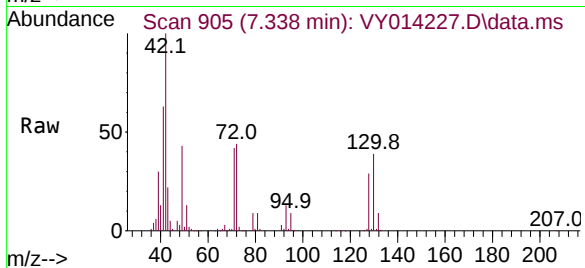
71 40.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#30

Chloroform

Concen: 47.876 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014227.D

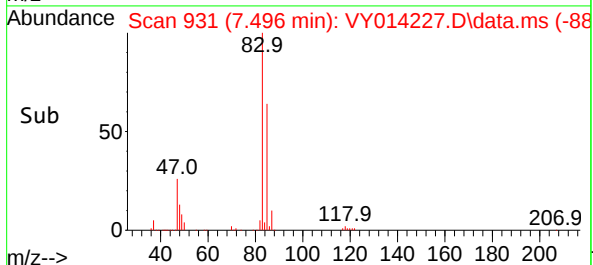
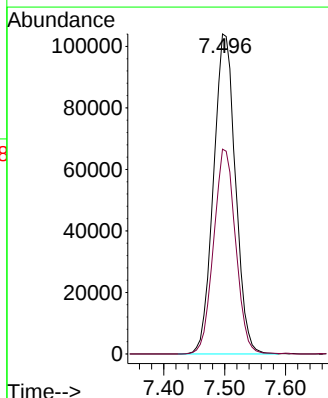
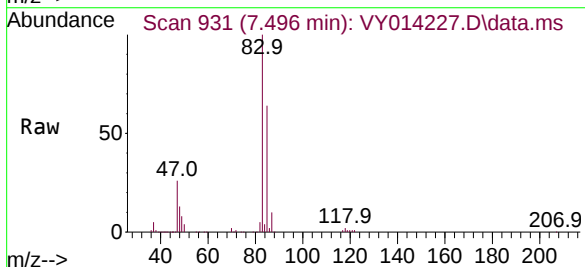
Acq: 19 Jun 2023 13:21

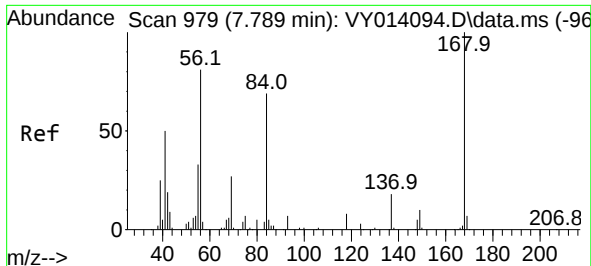
Tgt Ion: 83 Resp: 260153

Ion Ratio Lower Upper

83 100

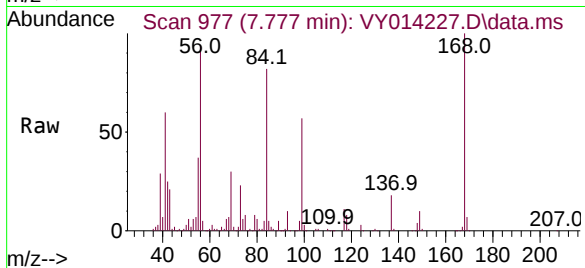
85 64.0 49.7 74.5





#31
Cyclohexane
Concen: 51.566 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

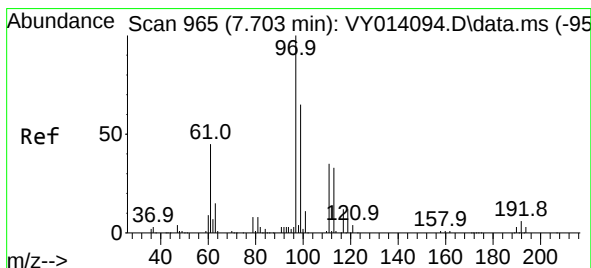
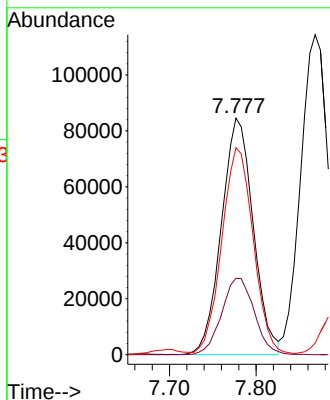
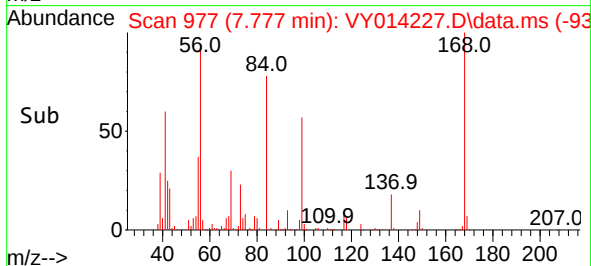
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



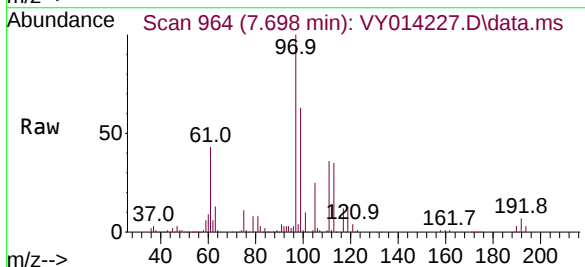
Tgt Ion: 56 Resp: 21564
Ion Ratio Lower Upper
56 100
69 32.4 27.8 41.6
84 86.2 66.4 99.6

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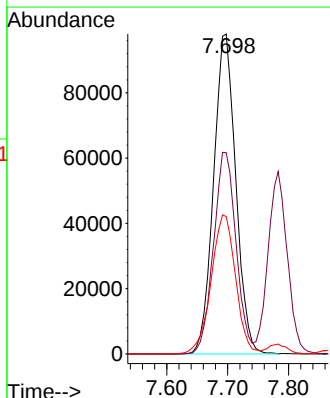
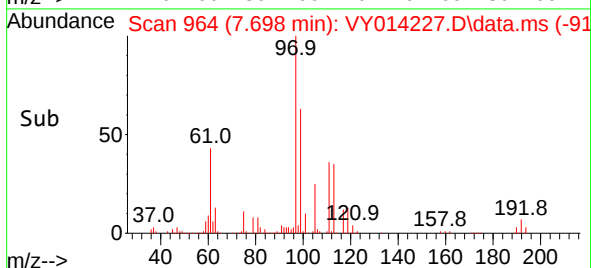
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

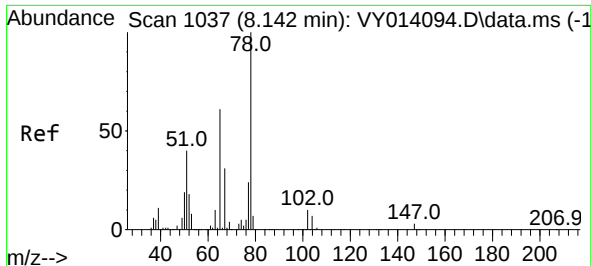


#32
1,1,1-Trichloroethane
Concen: 50.664 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



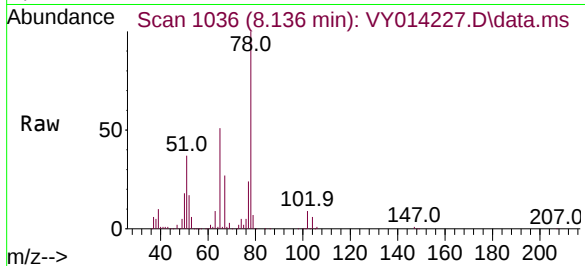
Tgt Ion: 97 Resp: 248294
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 47.8 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 42.240 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

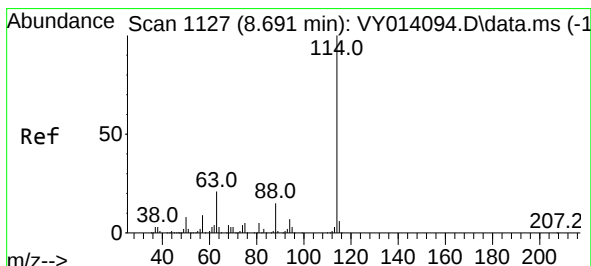
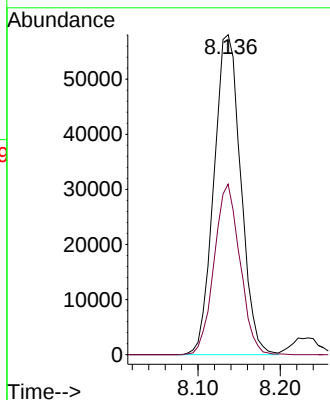
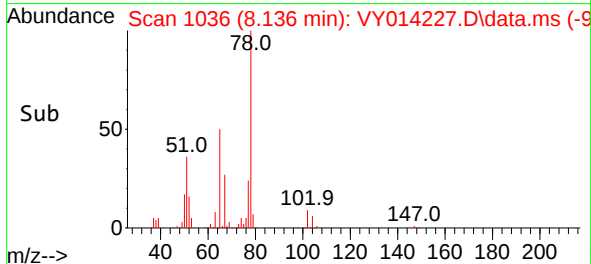
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



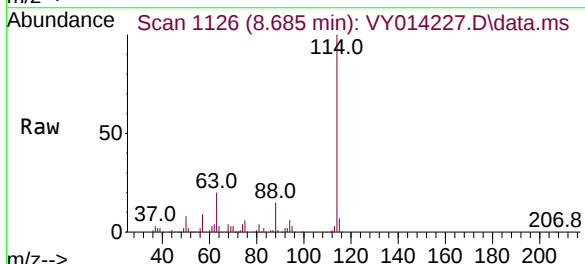
Tgt Ion: 65 Resp: 13186
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

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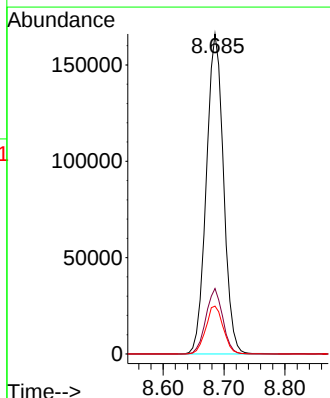
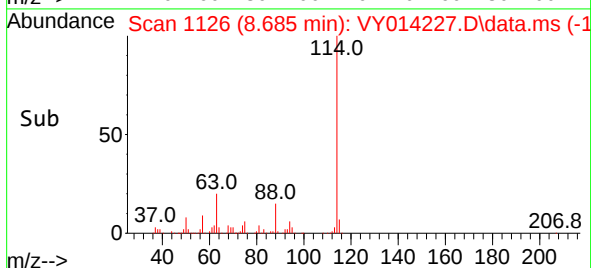
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

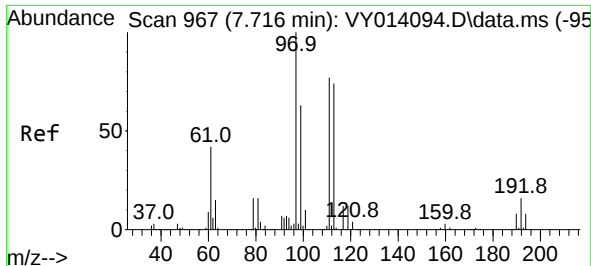


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



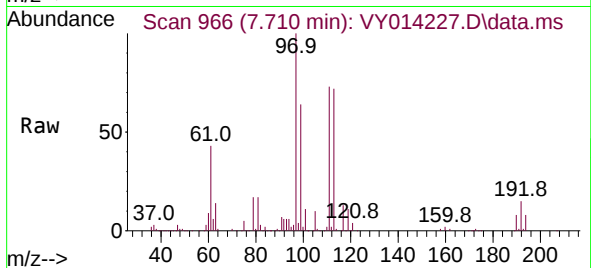
Tgt Ion:114 Resp: 324989
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.405 ug/l
RT: 7.710 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

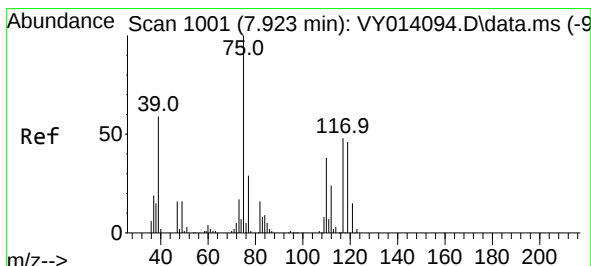
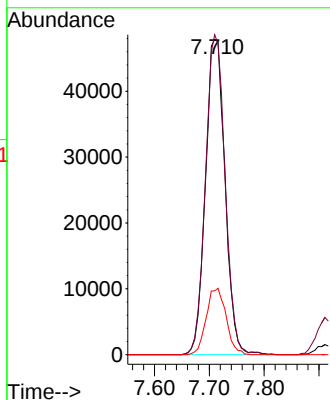
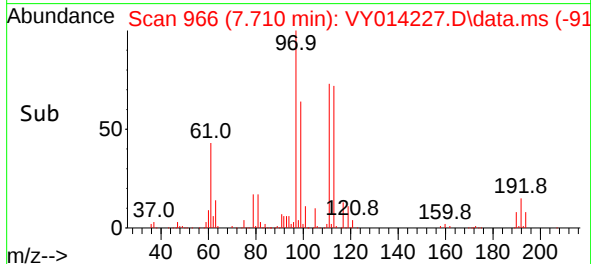
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 118475
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 21.4 16.9 25.3

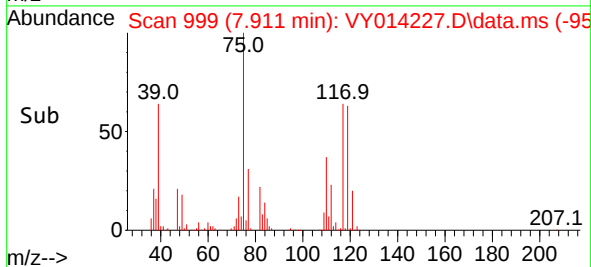
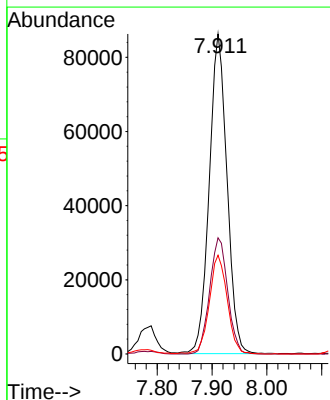
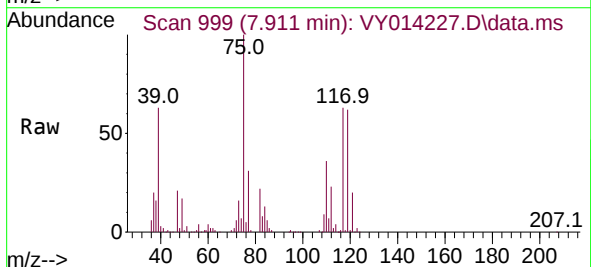
Manual Integrations
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Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#36
1,1-Dichloropropene
Concen: 53.910 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

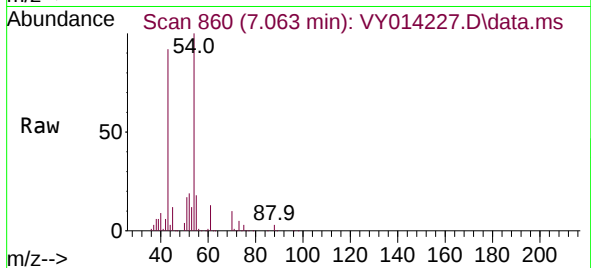
Tgt Ion: 75 Resp: 193706
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 48.206 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

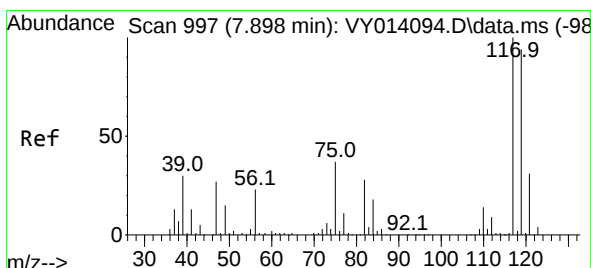
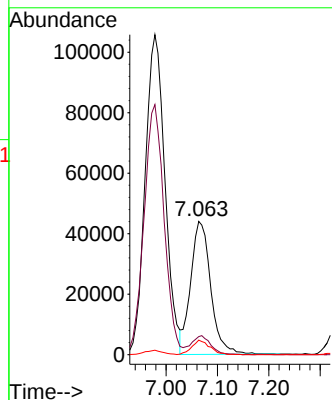
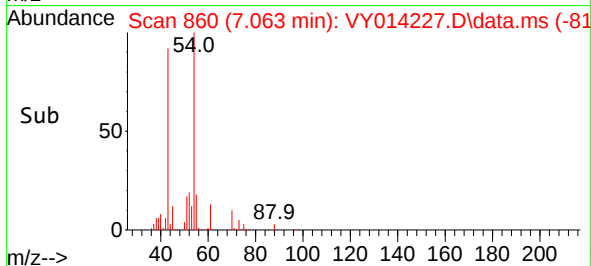
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11951
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 9.8 7.1 10.7

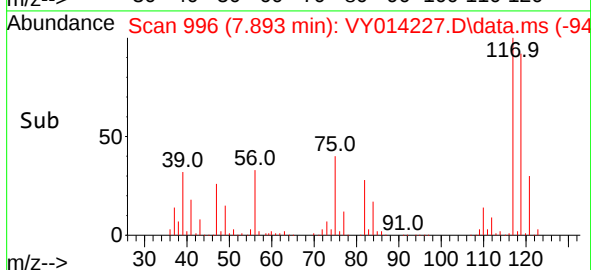
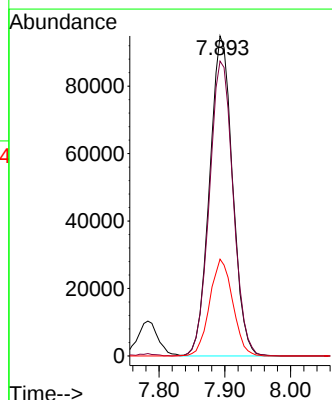
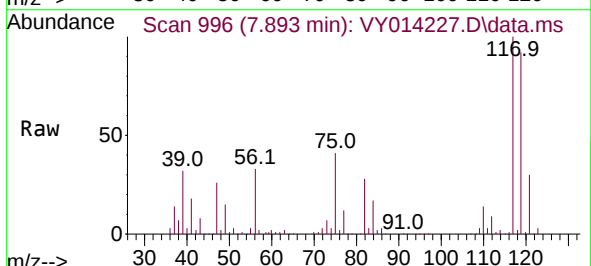
Manual Integrations
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Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#38
Carbon Tetrachloride
Concen: 55.662 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

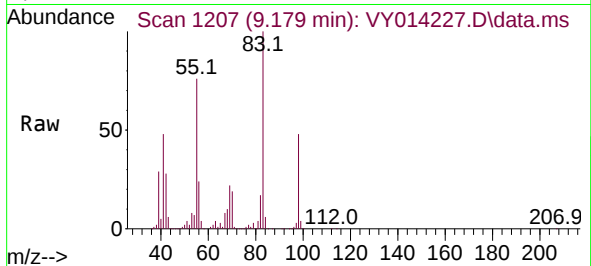
Tgt Ion:117 Resp: 230800
Ion Ratio Lower Upper
117 100
119 92.1 76.4 114.6
121 30.2 25.8 38.6





#39
Methylcyclohexane
Concen: 58.075 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

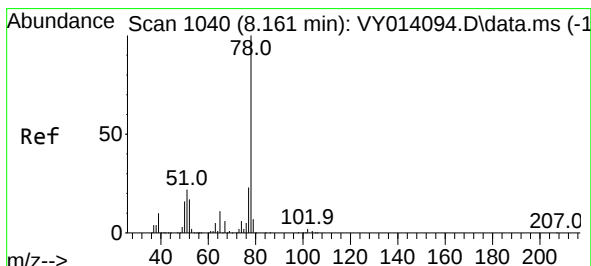
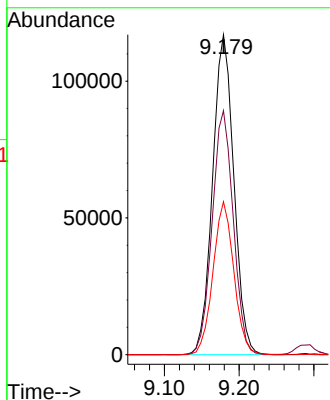
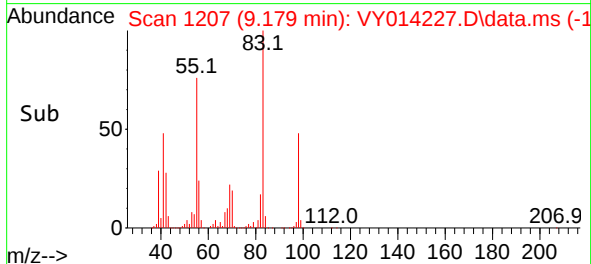
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 231524
Ion Ratio Lower Upper
83 100
55 76.2 63.0 94.4
98 47.8 37.4 56.2

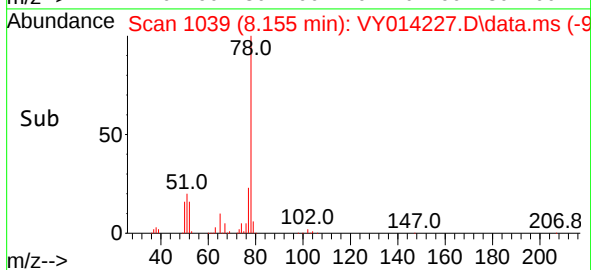
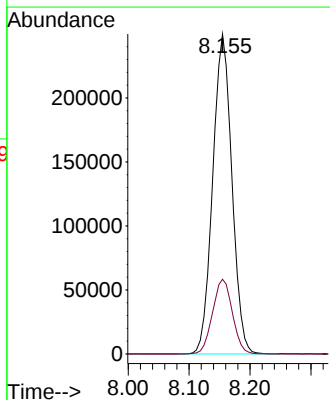
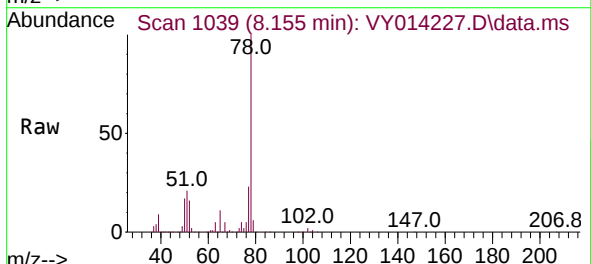
Manual Integrations
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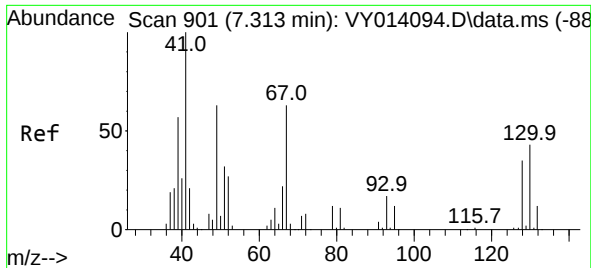
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#40
Benzene
Concen: 51.125 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 78 Resp: 546251
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





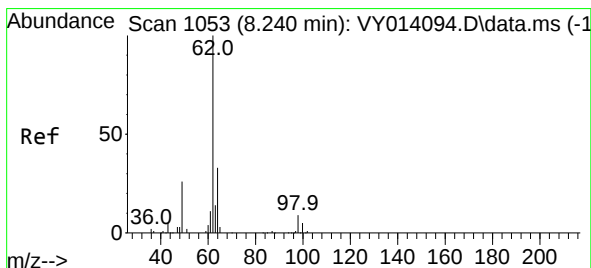
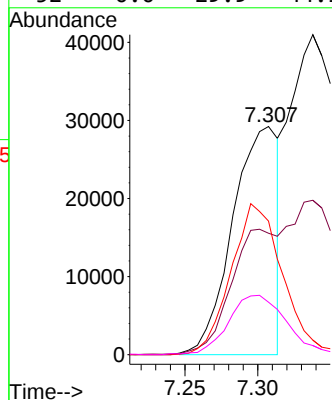
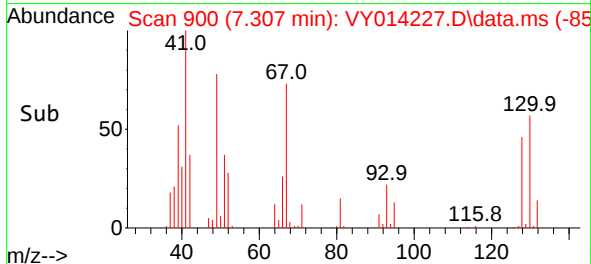
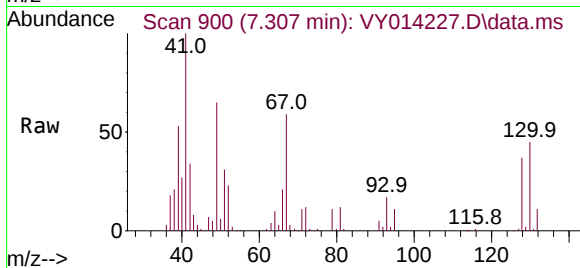
#41
Methacrylonitrile
Concen: 50.526 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 63929
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

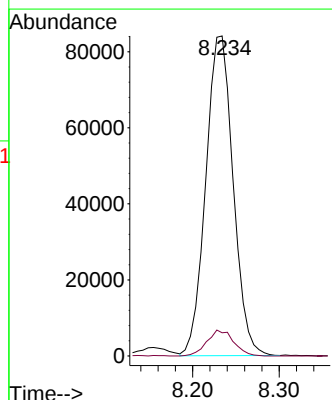
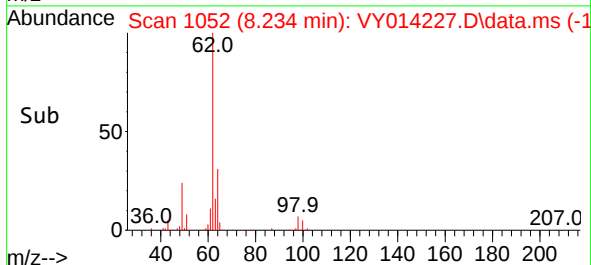
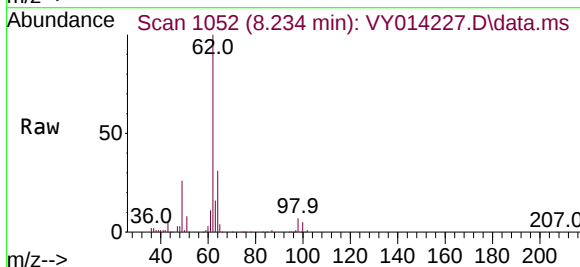
Manual Integrations
APPROVED

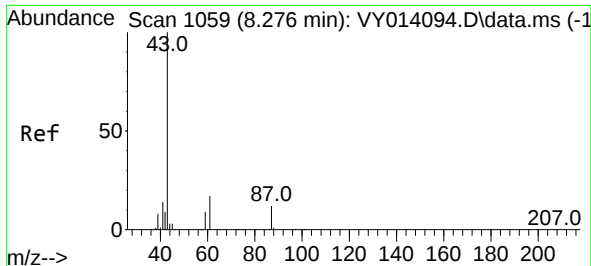
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#42
1,2-Dichloroethane
Concen: 48.866 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

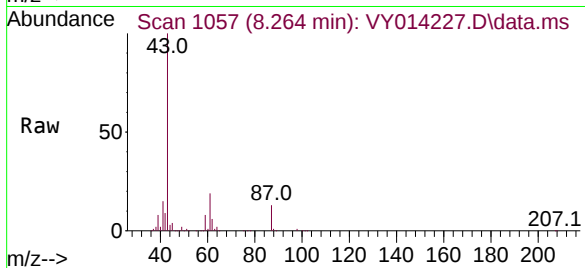
Tgt Ion: 62 Resp: 184630
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 51.162 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.012 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

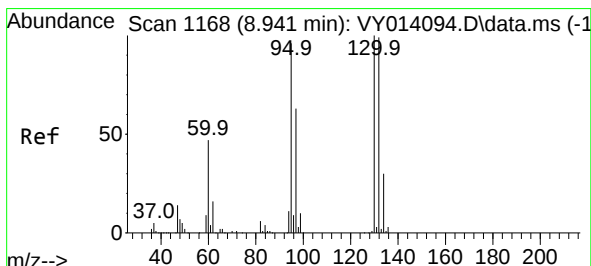
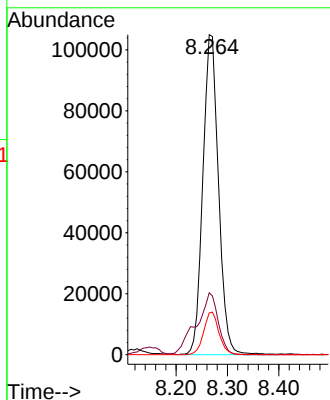
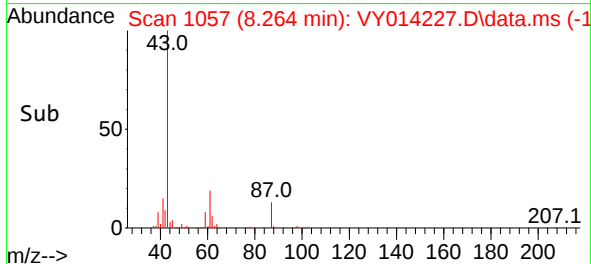
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 222314
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.9 9.8 14.8

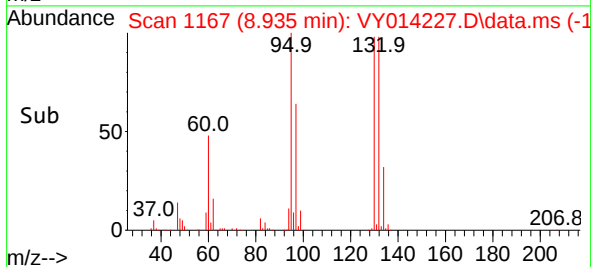
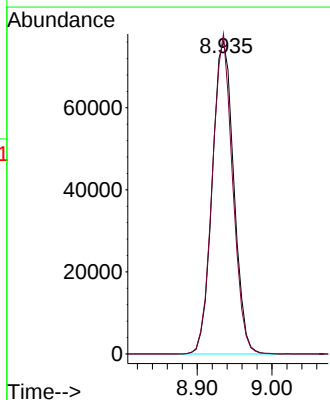
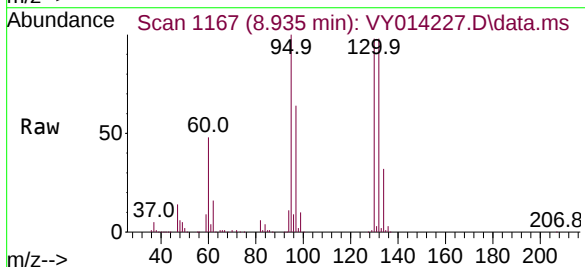
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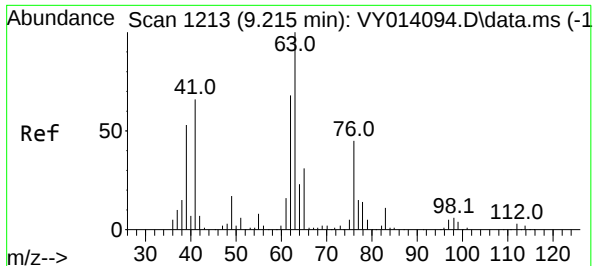
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#44
Trichloroethene
Concen: 53.383 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion:130 Resp: 152391
Ion Ratio Lower Upper
130 100
95 102.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.740 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13498

Ion Ratio Lower Upper

63 100

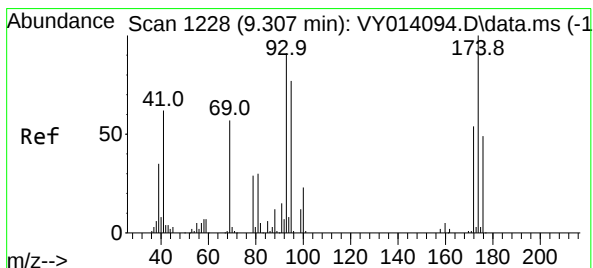
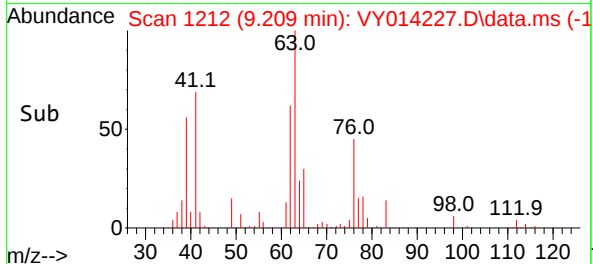
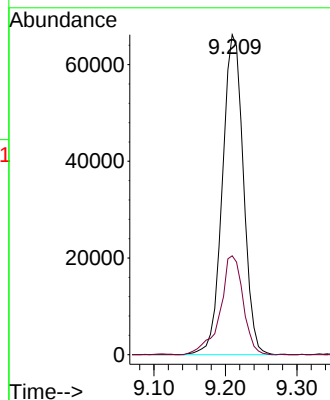
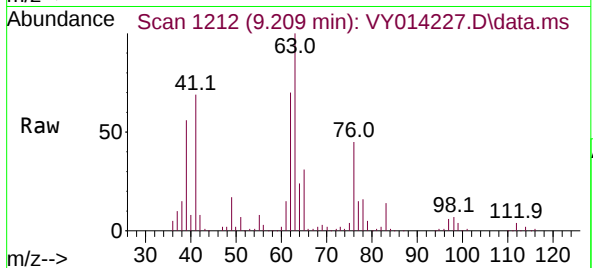
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#46

Dibromomethane

Concen: 48.962 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

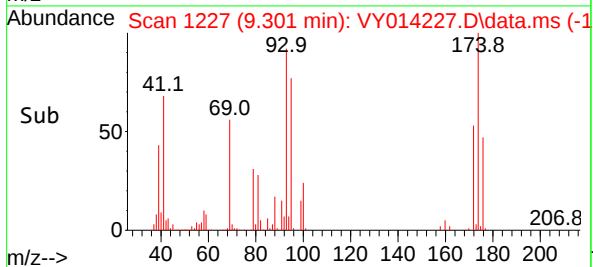
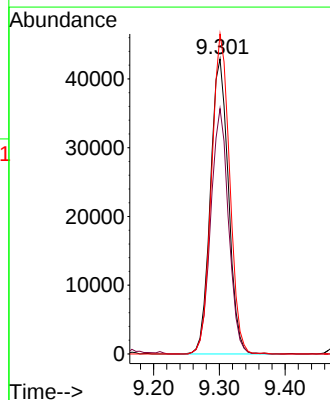
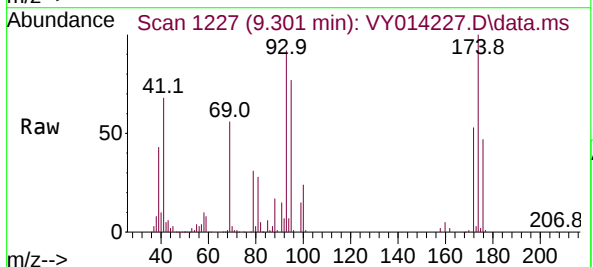
Tgt Ion: 93 Resp: 81793

Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

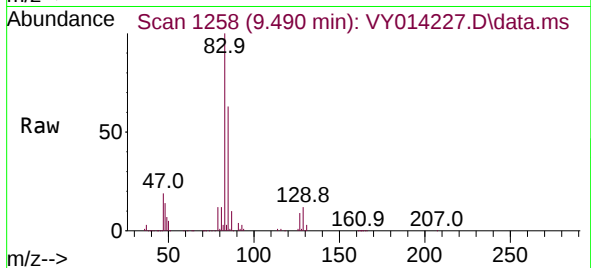
174 109.0 84.8 127.2





#47
Bromodichloromethane
Concen: 50.600 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

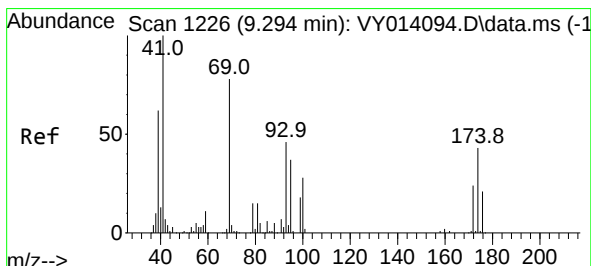
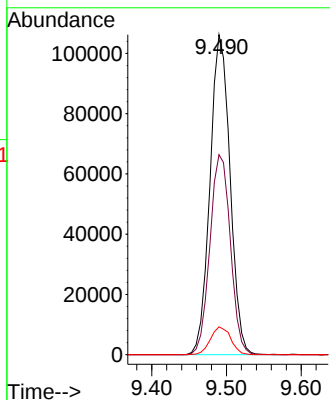
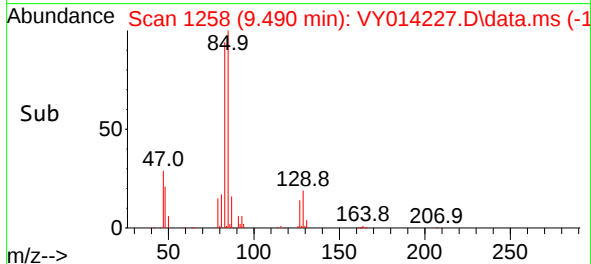
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 197922
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 8.7 7.1 10.7

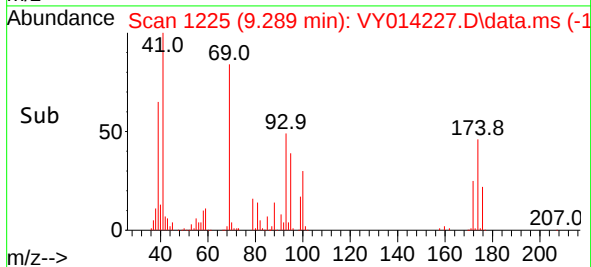
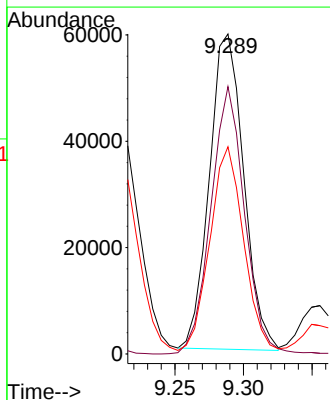
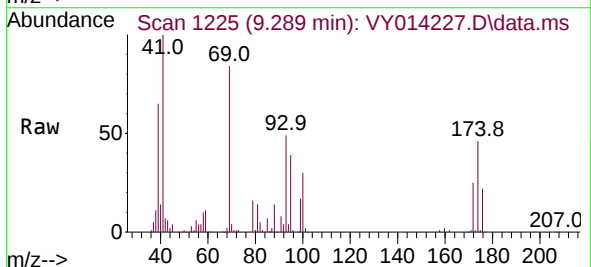
Manual Integrations
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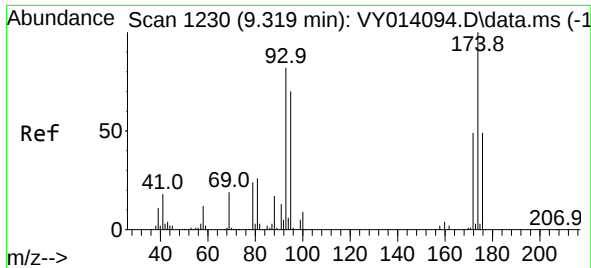
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#48
Methyl methacrylate
Concen: 50.946 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 41 Resp: 103253
Ion Ratio Lower Upper
41 100
69 83.2 64.5 96.7
39 63.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1012.825 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY014227.D

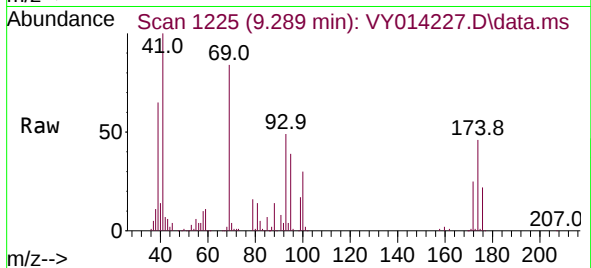
Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 21499

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0

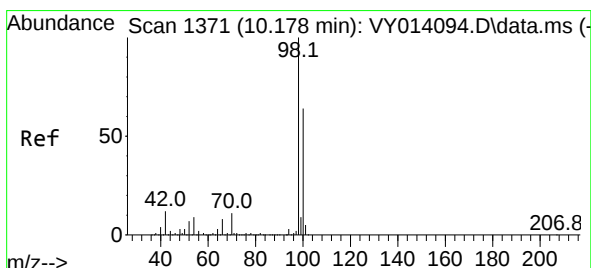
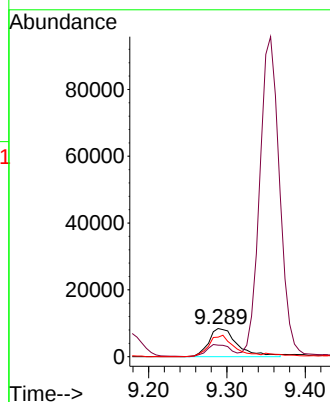
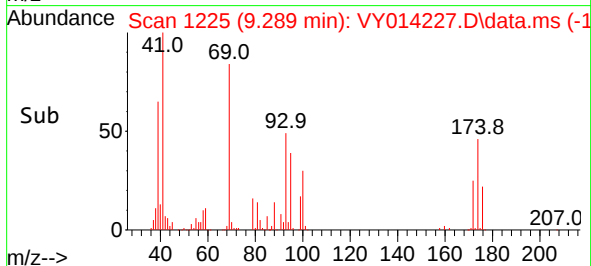
58 67.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#50

Toluene-d8

Concen: 46.874 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014227.D

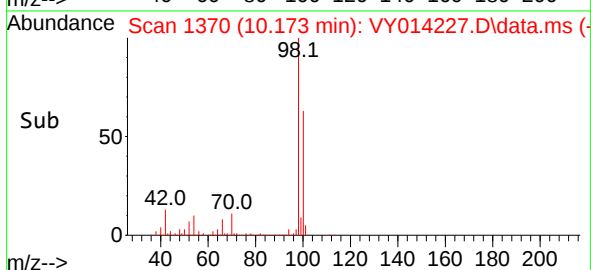
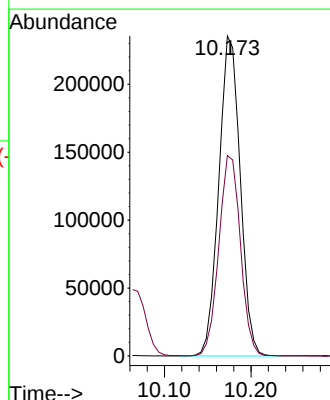
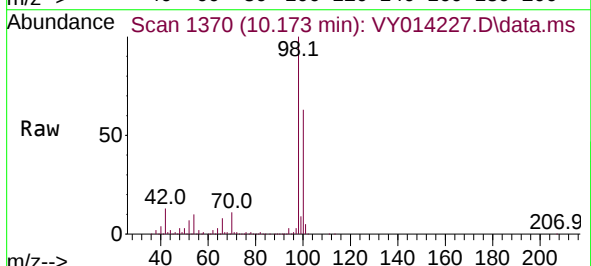
Acq: 19 Jun 2023 13:21

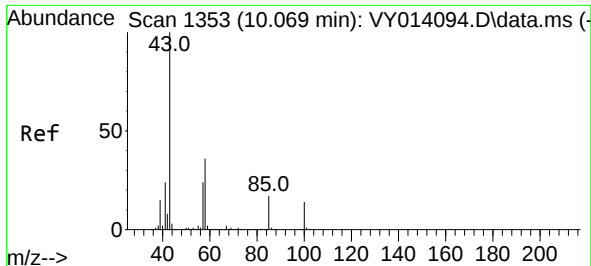
Tgt Ion: 98 Resp: 403889

Ion Ratio Lower Upper

98 100

100 63.5 50.1 75.1





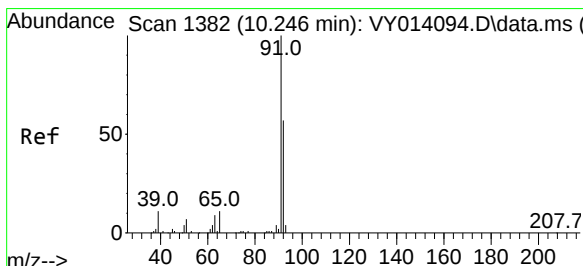
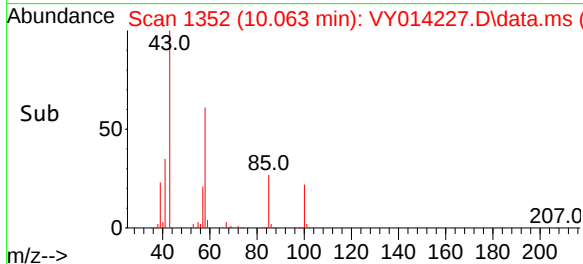
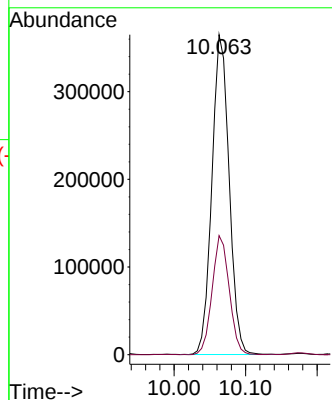
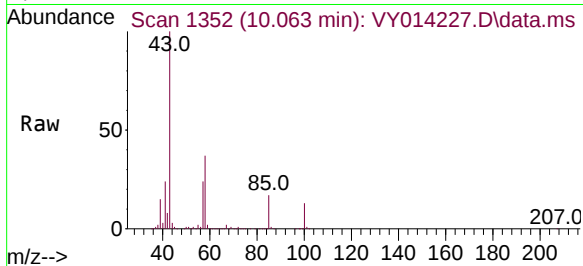
#51
4-Methyl-2-Pentanone
Concen: 258.410 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61003
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.6

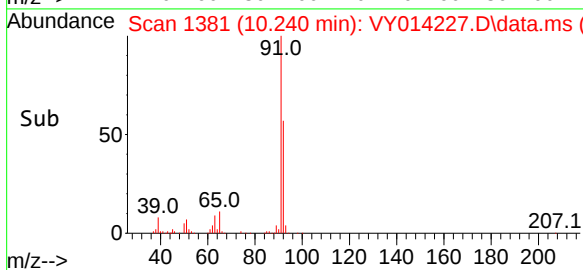
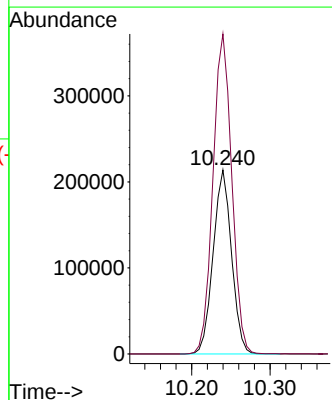
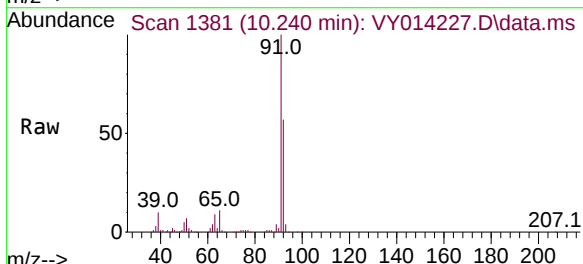
Manual Integrations
APPROVED

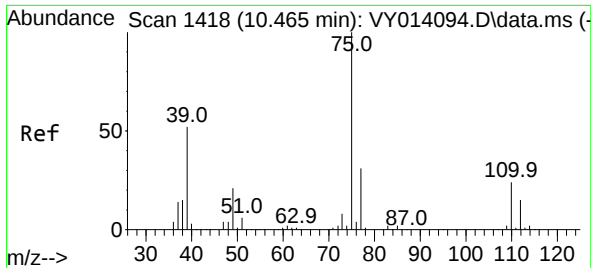
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#52
Toluene
Concen: 52.715 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

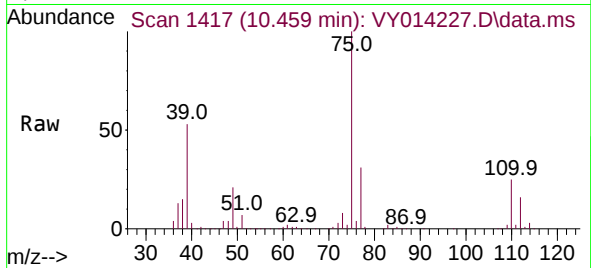
Tgt Ion: 92 Resp: 349151
Ion Ratio Lower Upper
92 100
91 177.8 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 50.574 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

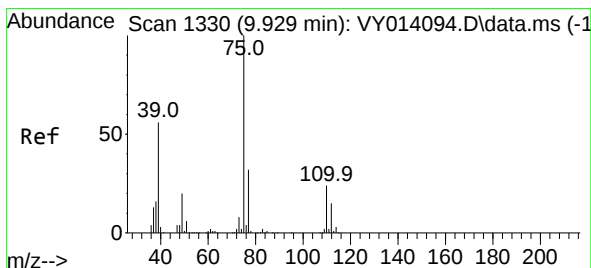
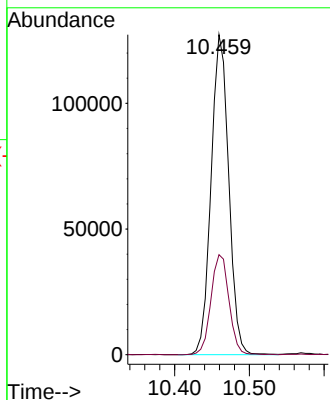
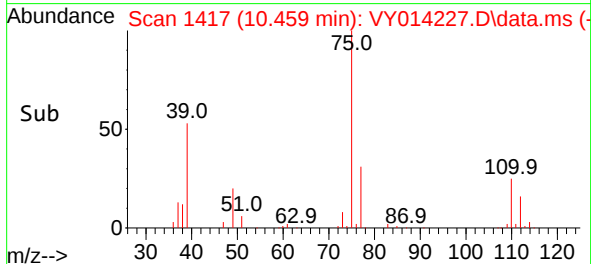
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 208240
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4

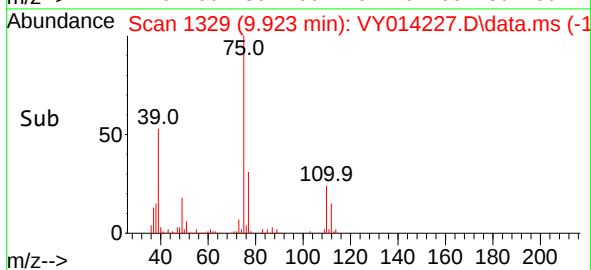
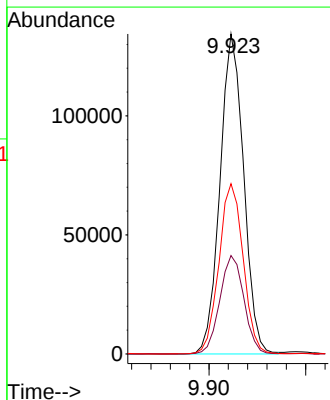
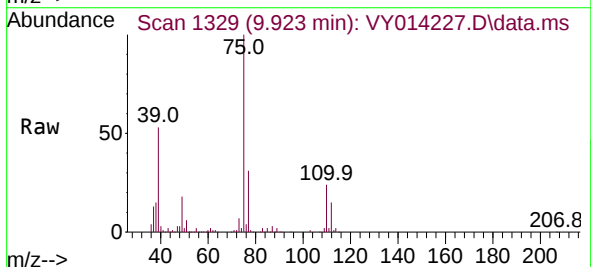
Manual Integrations
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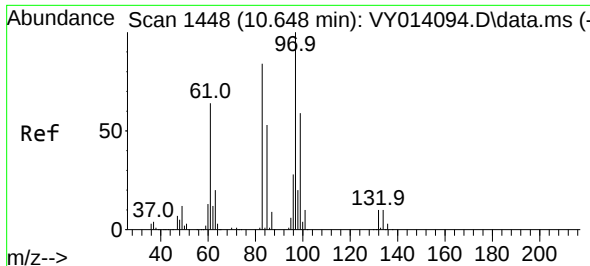
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.816 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

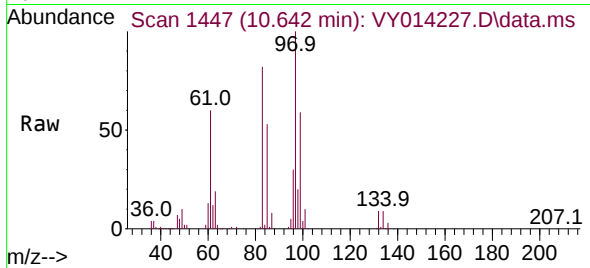
Tgt Ion: 75 Resp: 228295
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 53.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.503 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

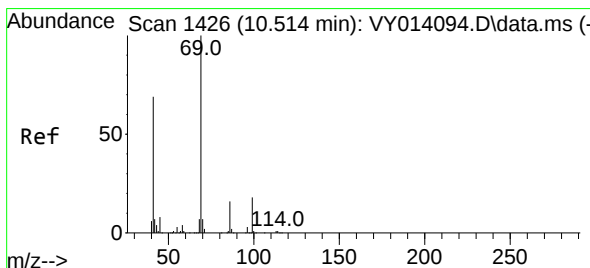
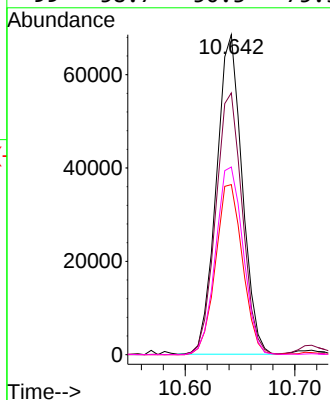
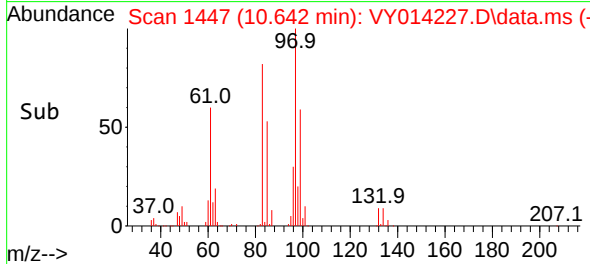
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 11190
Ion Ratio Lower Upper
97 100
83 81.9 72.0 108.0
85 53.2 45.4 68.0
99 58.7 50.3 75.5

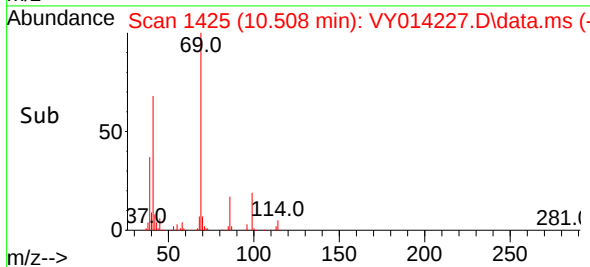
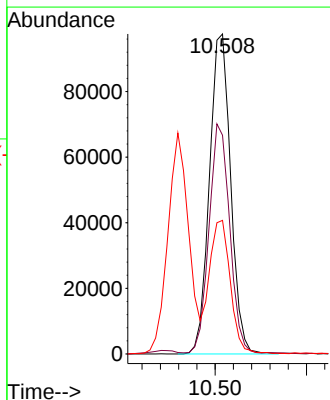
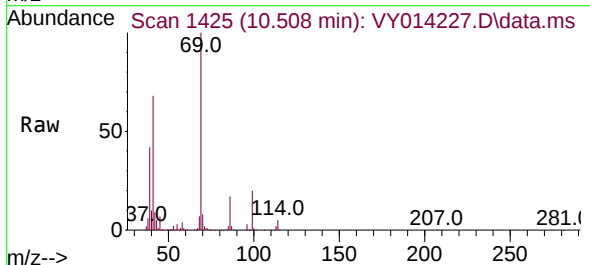
Manual Integrations
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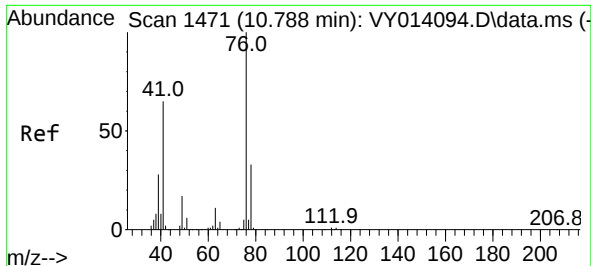
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#56
Ethyl methacrylate
Concen: 51.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion: 69 Resp: 156979
Ion Ratio Lower Upper
69 100
41 69.7 57.6 86.4
39 41.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 49.347 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 187005

Ion Ratio Lower Upper

76 100

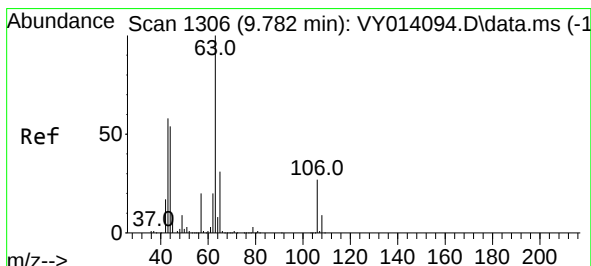
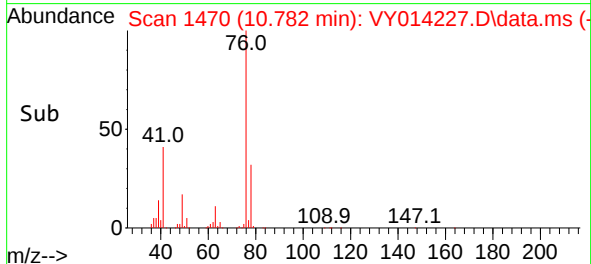
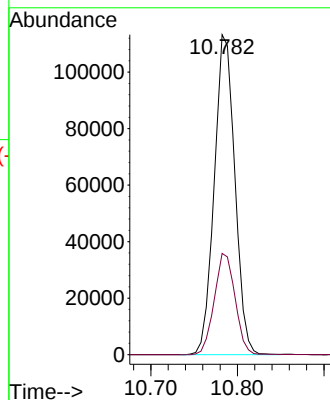
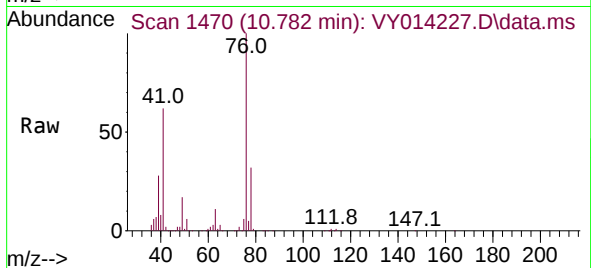
78 32.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 310.557 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014227.D

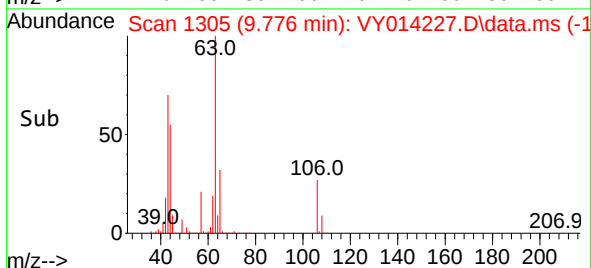
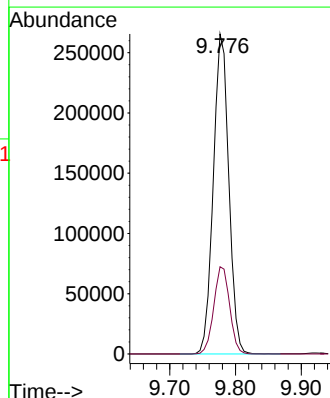
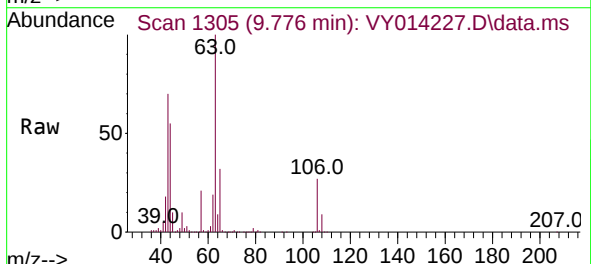
Acq: 19 Jun 2023 13:21

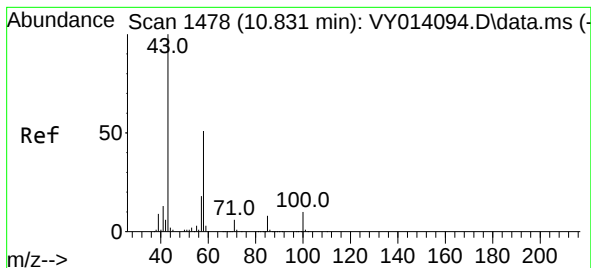
Tgt Ion: 63 Resp: 434805

Ion Ratio Lower Upper

63 100

106 27.8 21.2 31.8





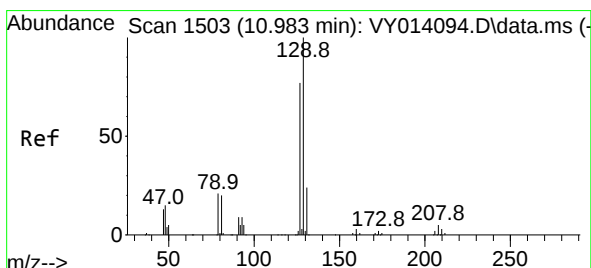
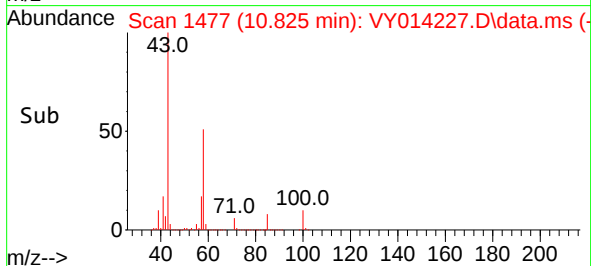
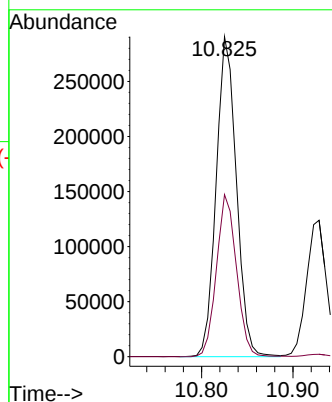
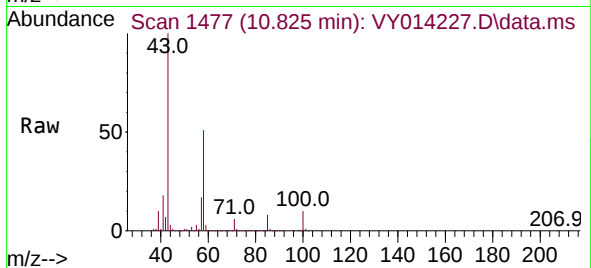
#59
2-Hexanone
Concen: 262.184 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 447038
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

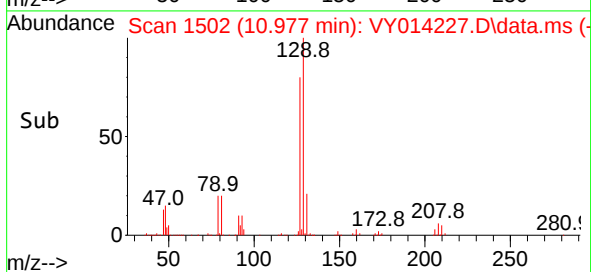
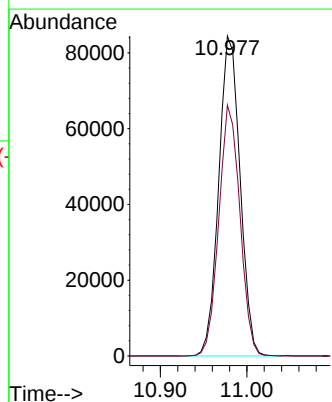
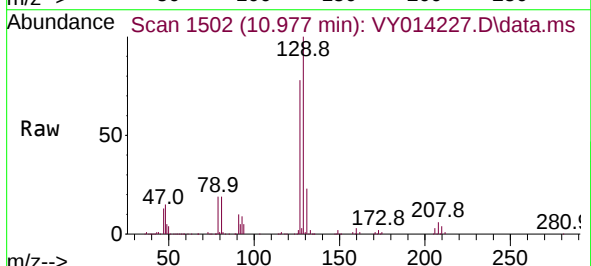
Manual Integrations
APPROVED

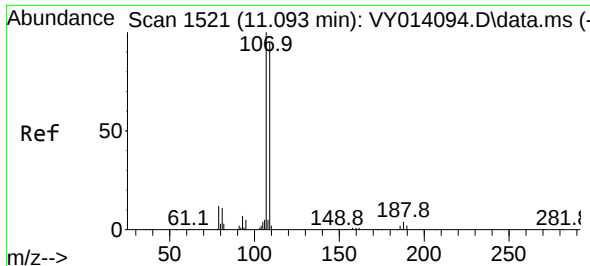
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#60
Dibromochloromethane
Concen: 50.960 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

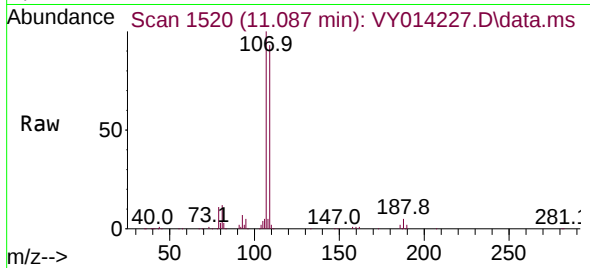
Tgt Ion:129 Resp: 144520
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.909 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

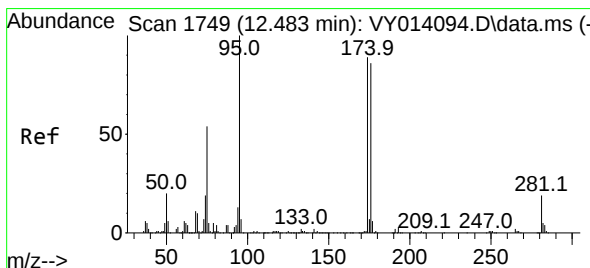
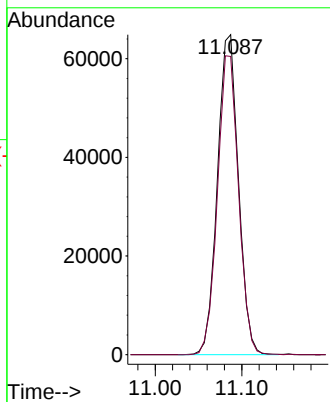
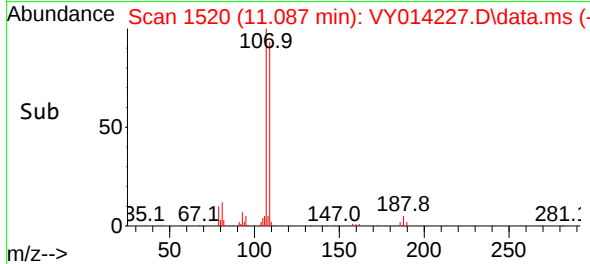
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



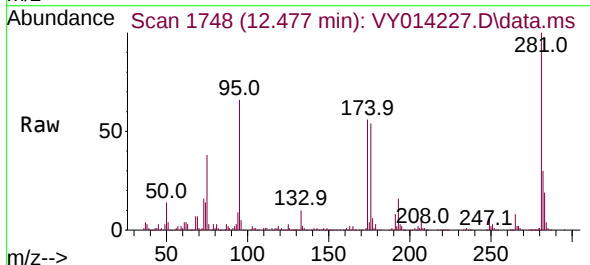
Tgt Ion:107 Resp: 10914
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4

Manual Integrations
APPROVED

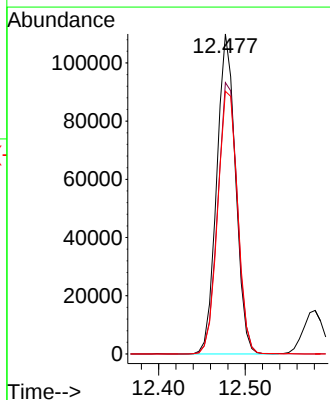
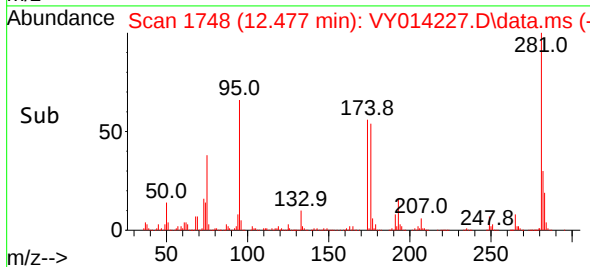
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

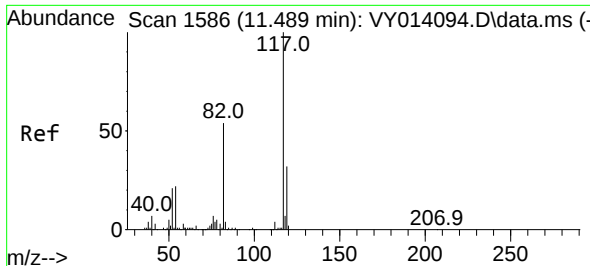


#62
4-Bromofluorobenzene
Concen: 54.167 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



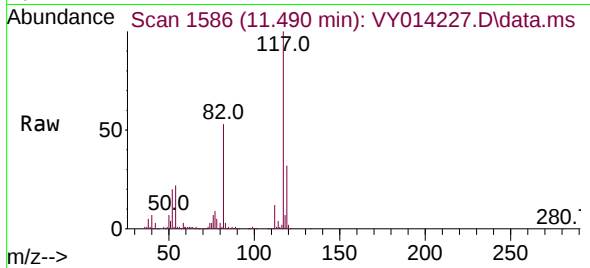
Tgt Ion: 95 Resp: 165796
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 86.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

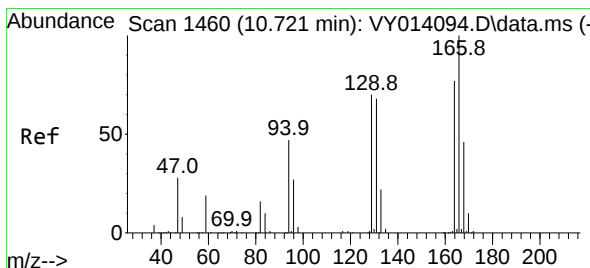
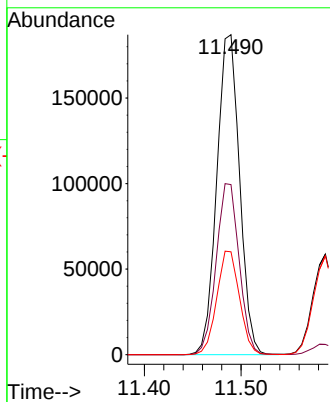
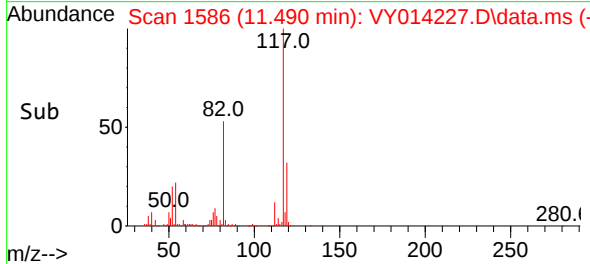
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 306025
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.1 26.3 39.5

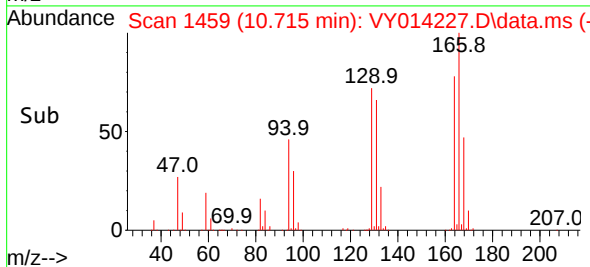
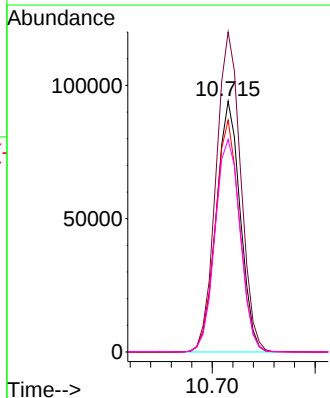
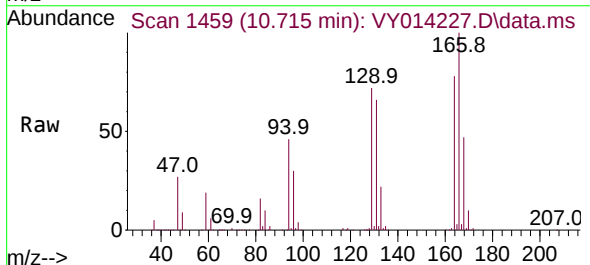
Manual Integrations
APPROVED

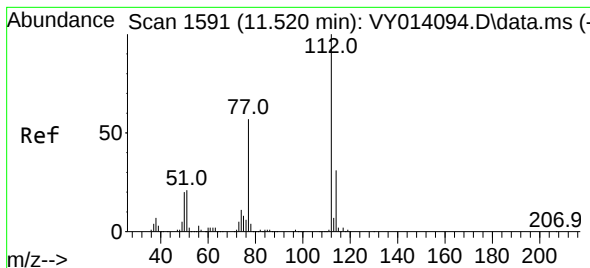
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#64
Tetrachloroethene
Concen: 58.731 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

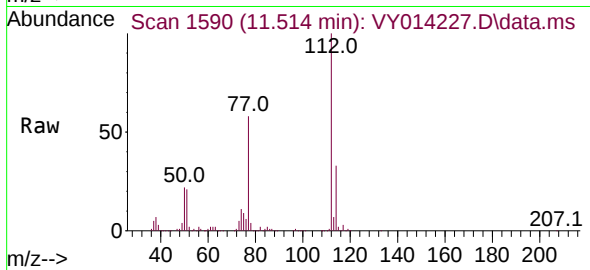
Tgt Ion:164 Resp: 153197
Ion Ratio Lower Upper
164 100
166 127.6 103.0 154.6
129 92.5 77.2 115.8
131 84.8 69.6 104.4





#65
Chlorobenzene
Concen: 50.090 ug/l
RT: 11.514 min Scan# 11514
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

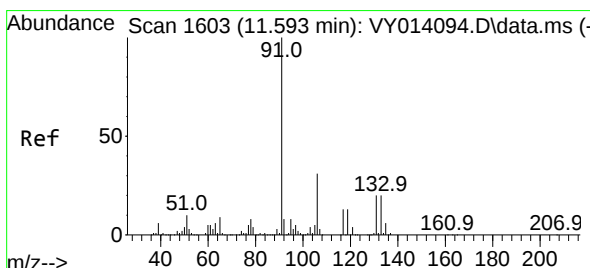
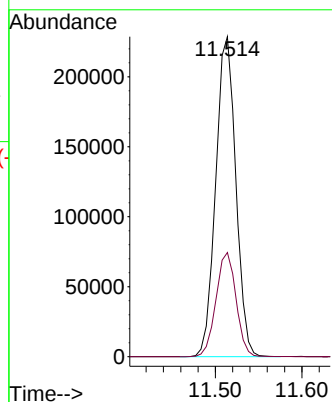
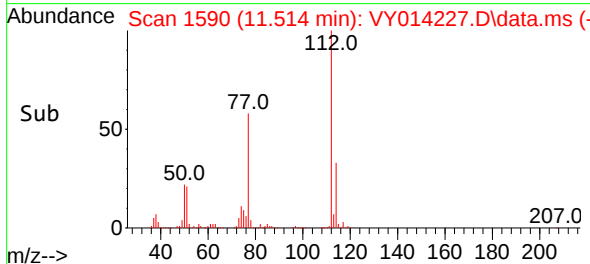
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



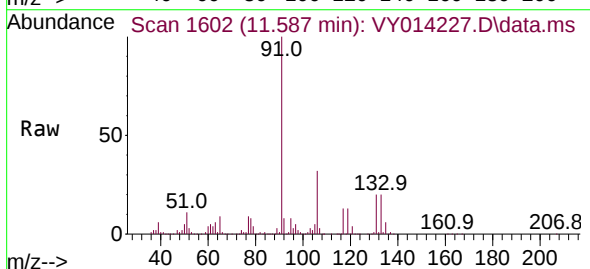
Tgt Ion:112 Resp: 368328
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

Manual Integrations
APPROVED

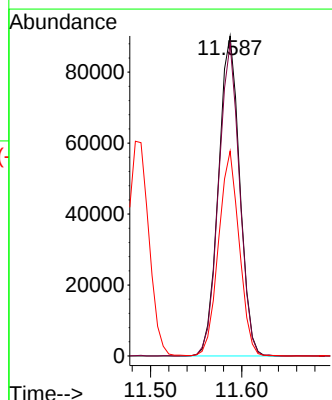
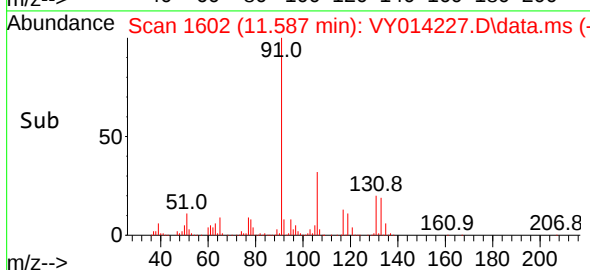
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

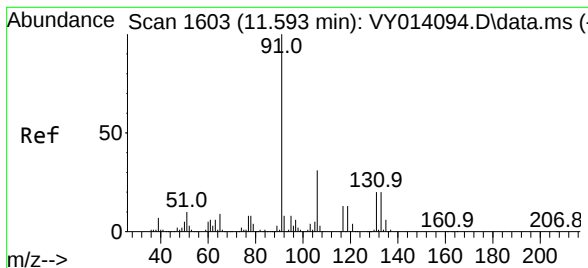


#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:131 Resp: 145739
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 62.4 31.6 94.7





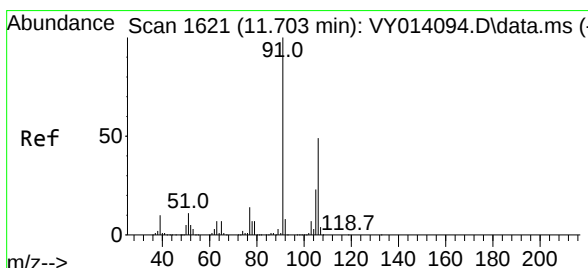
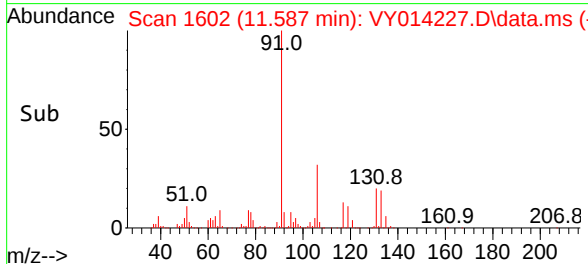
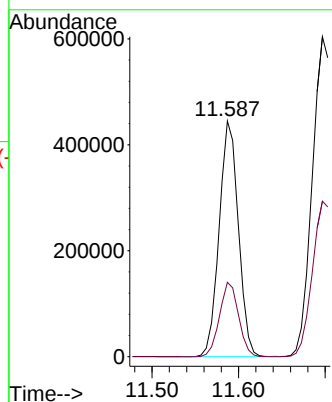
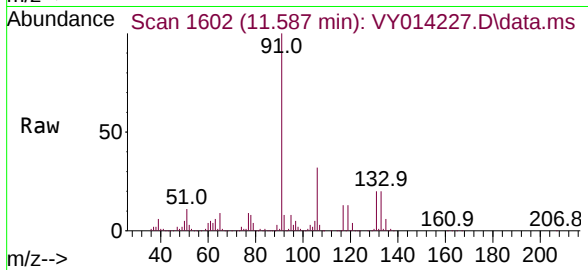
#67
Ethyl Benzene
Concen: 53.178 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68446
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

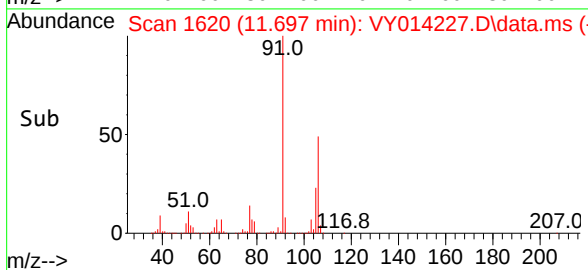
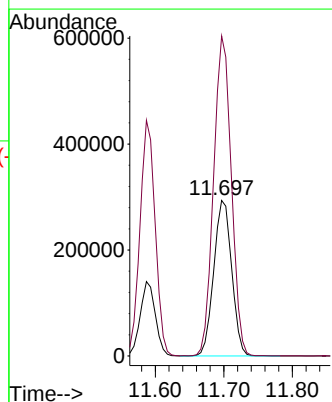
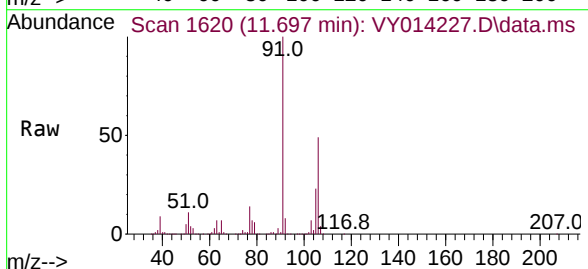
Manual Integrations
APPROVED

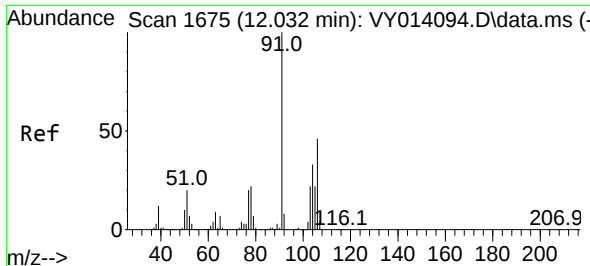
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#68
m/p-Xylenes
Concen: 107.788 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion:106 Resp: 533635
Ion Ratio Lower Upper
106 100
91 203.3 166.1 249.1





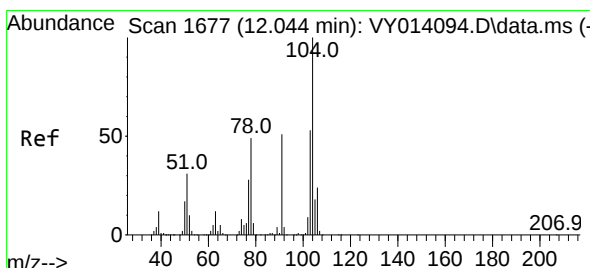
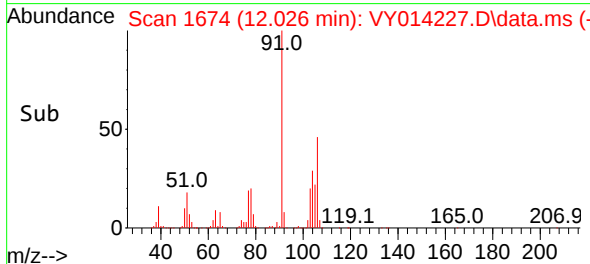
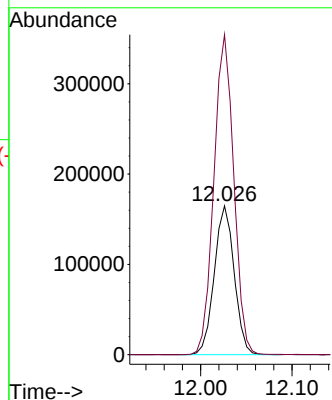
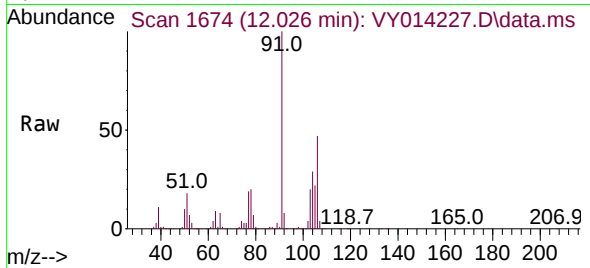
#69
o-Xylene
Concen: 53.313 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 24954
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.3

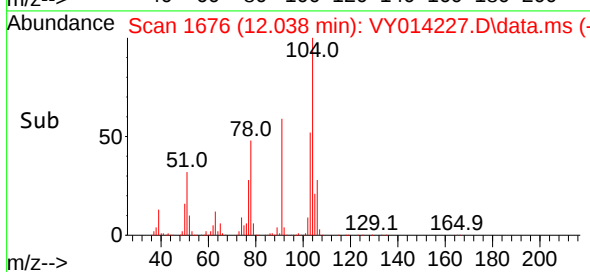
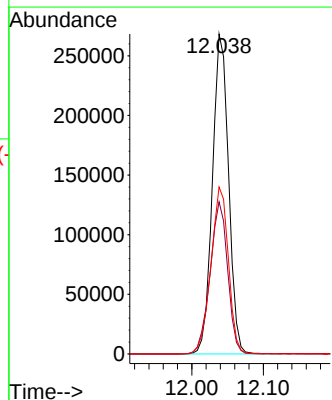
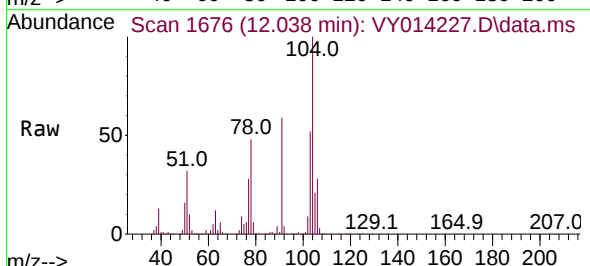
Manual Integrations
APPROVED

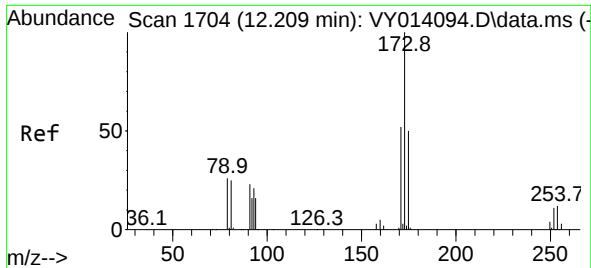
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#70
Styrene
Concen: 52.721 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

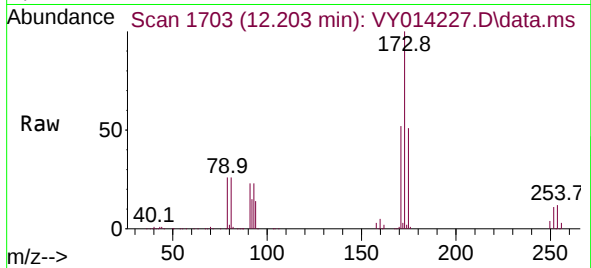
Tgt Ion:104 Resp: 421168
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.4 44.6 67.0





#71
Bromoform
Concen: 50.731 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

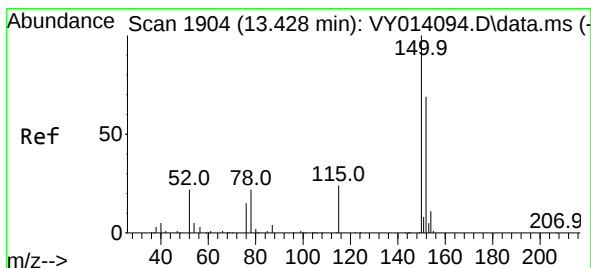
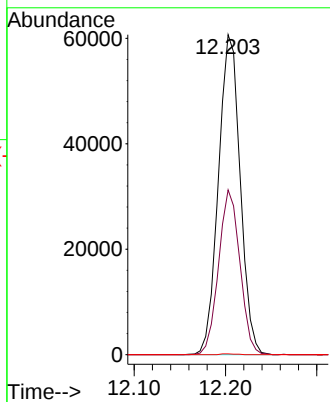
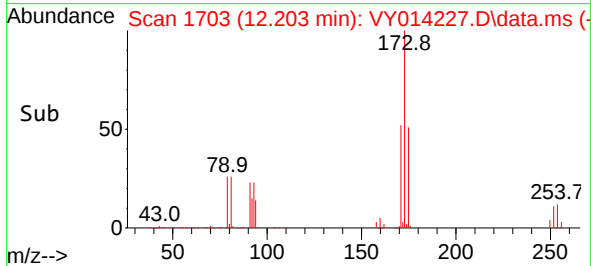
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



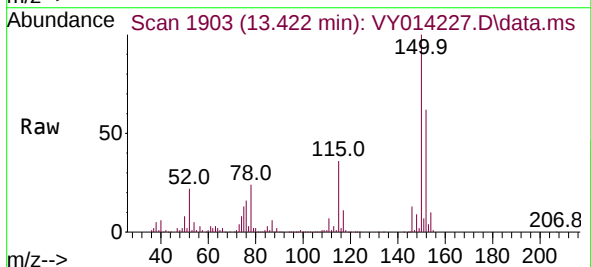
Tgt Ion:173 Resp: 100480
Ion Ratio Lower Upper
173 100
175 50.4 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
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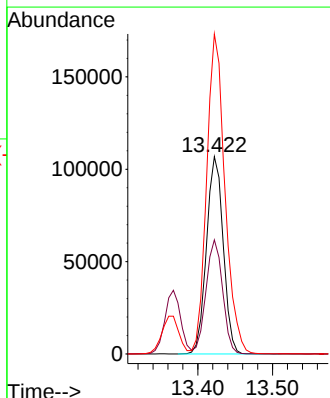
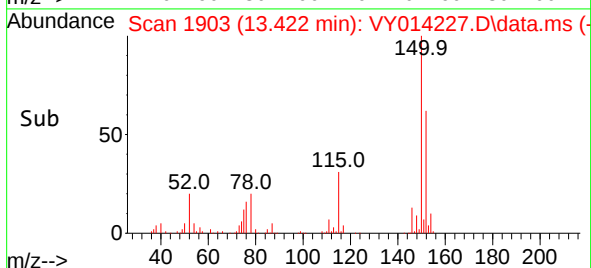
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

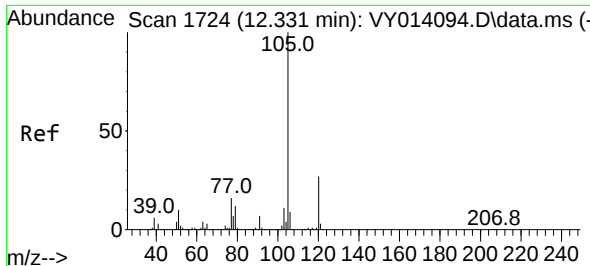


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:152 Resp: 166304
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 176.5 0.0 348.8





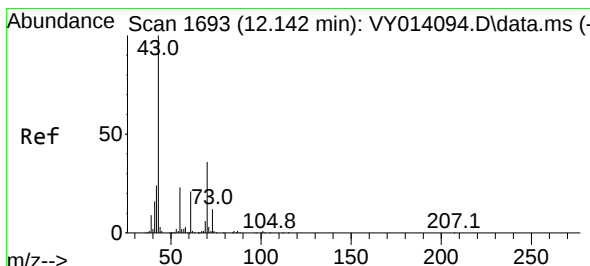
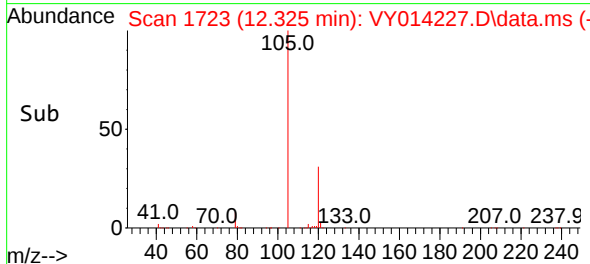
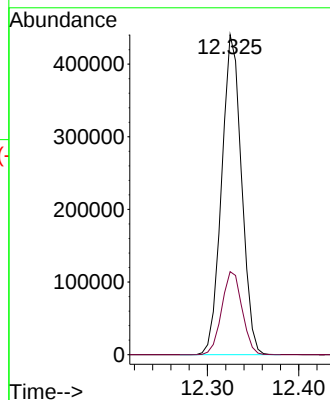
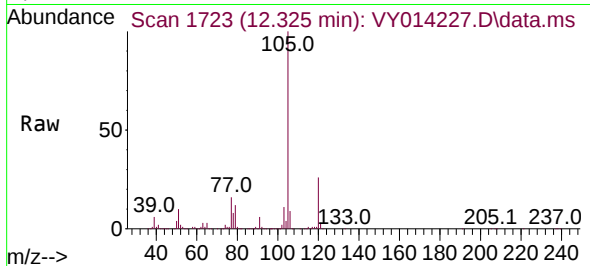
#73
Isopropylbenzene
Concen: 52.641 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 66783
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

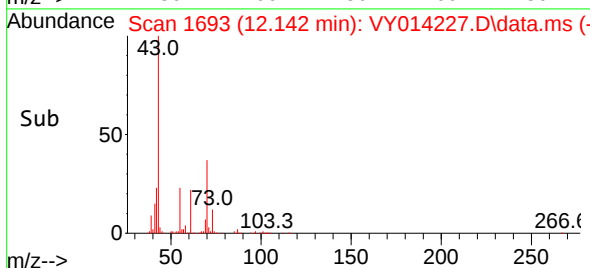
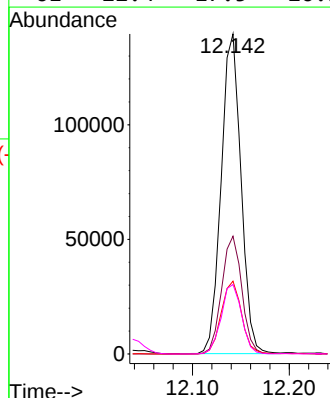
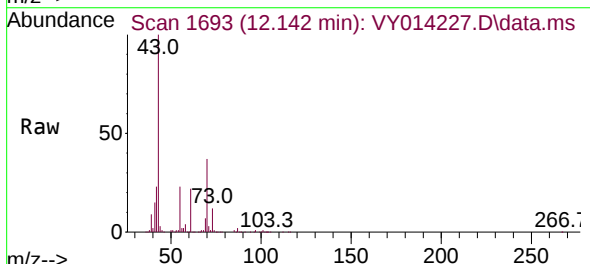
Manual Integrations
APPROVED

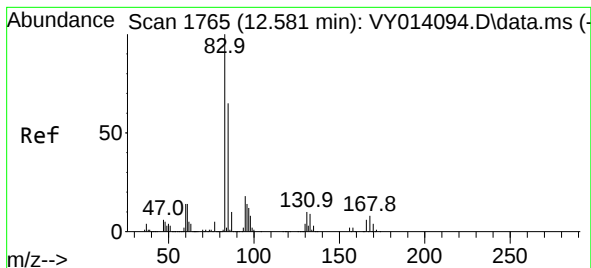
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#74
N-ethyl acetate
Concen: 49.394 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

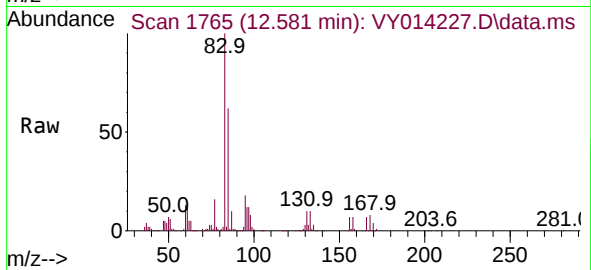
Tgt Ion: 43 Resp: 198580
Ion Ratio Lower Upper
43 100
70 37.4 29.7 44.5
55 23.5 18.3 27.5
61 22.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.515 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

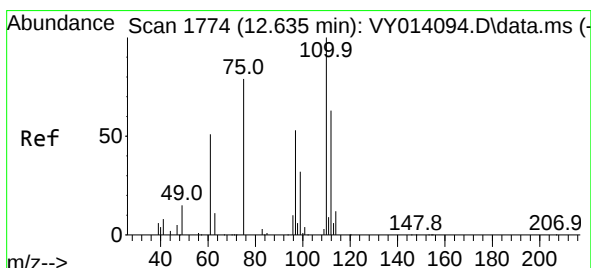
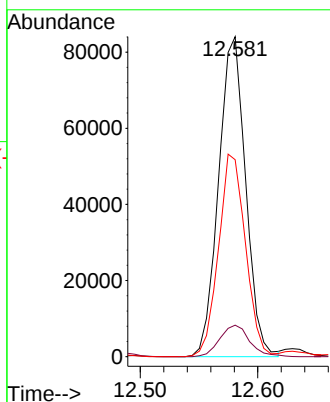
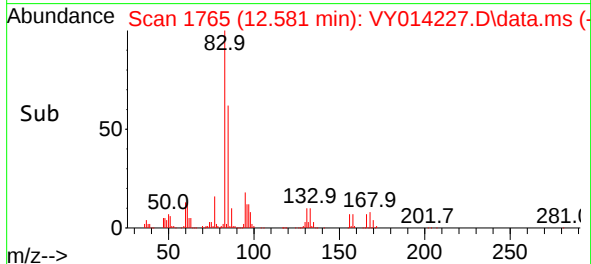
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



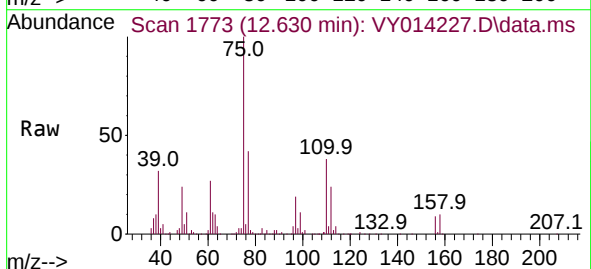
Tgt Ion: 83 Resp: 134690
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.2 31.8 95.4

Manual Integrations
APPROVED

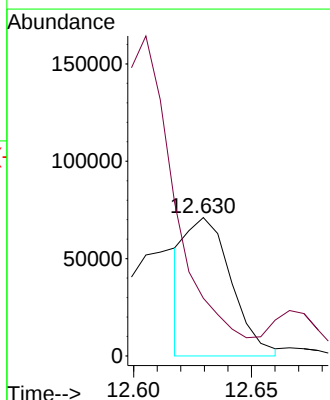
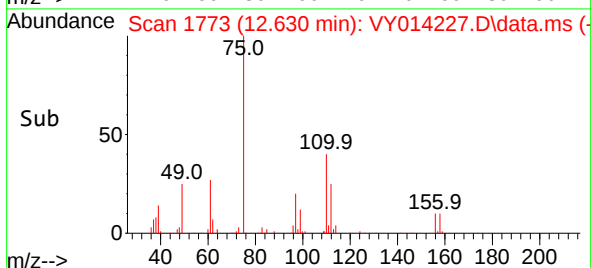
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

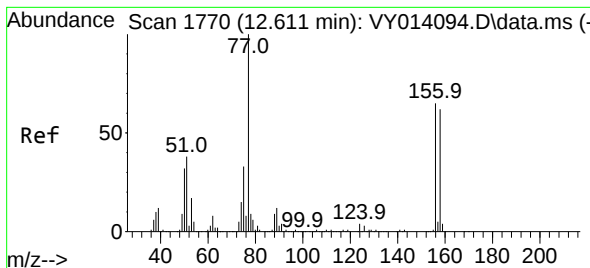


#76
1,2,3-Trichloropropane
Concen: 43.998 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion: 75 Resp: 95997
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.595 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

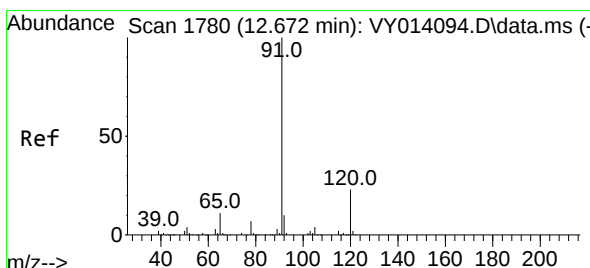
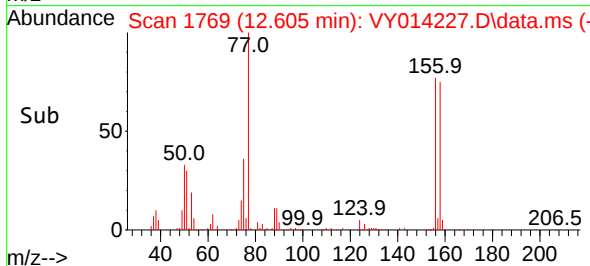
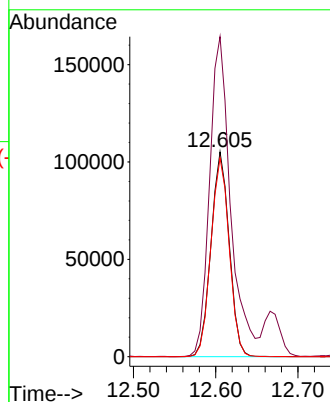
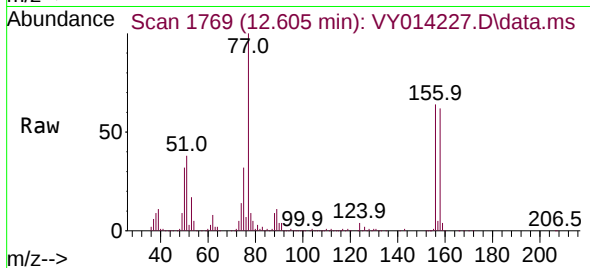
Tgt Ion:	156	Resp:	162039
Ion Ratio	Lower	Upper	
156	100		
77	179.4	92.8	278.6
158	97.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#78

n-propylbenzene

Concen: 53.635 ug/l

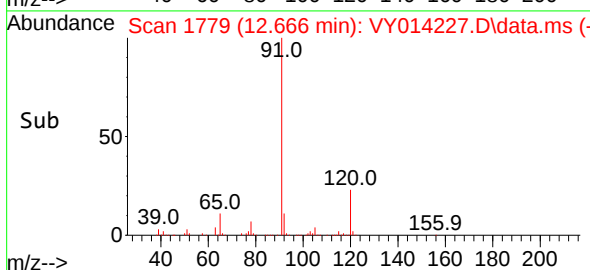
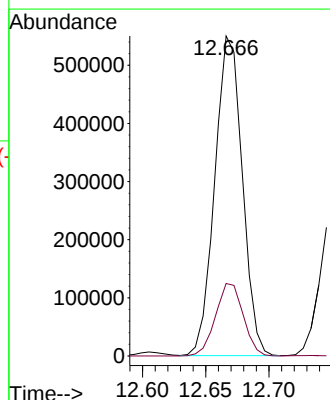
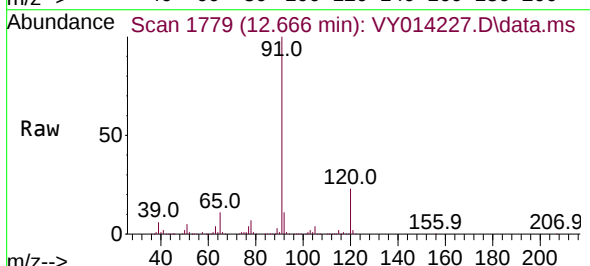
RT: 12.666 min Scan# 1779

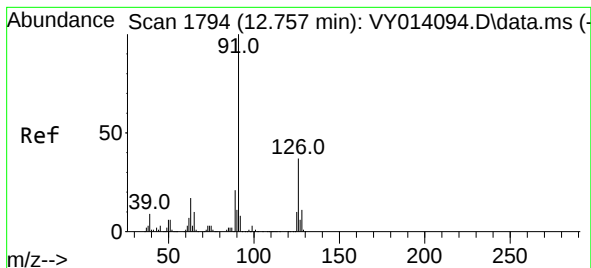
Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

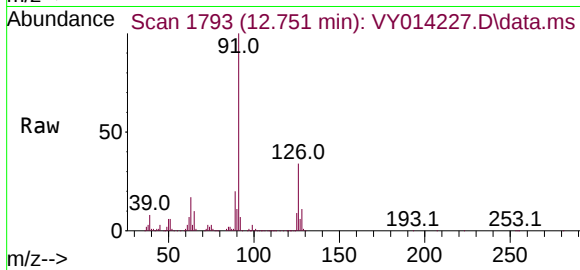
Tgt Ion:	91	Resp:	831116
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 51.361 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

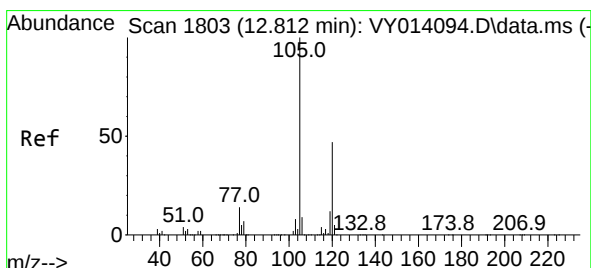
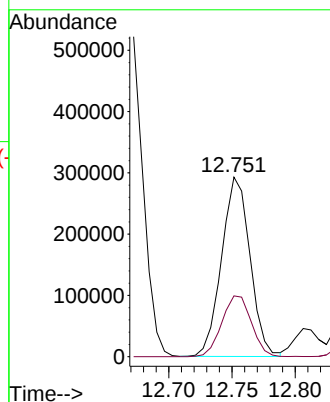
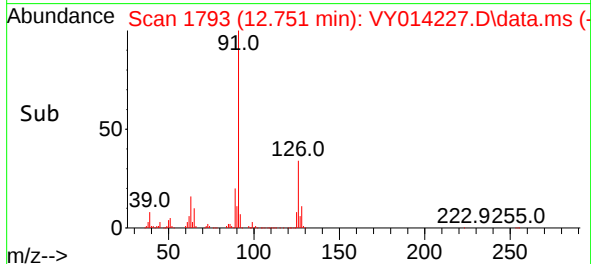
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



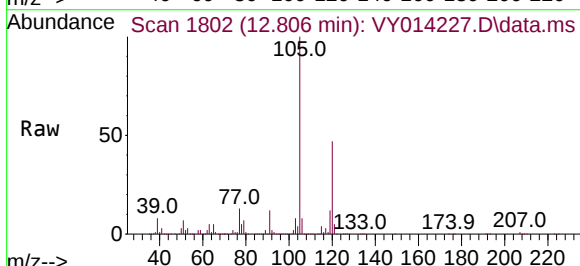
Tgt Ion: 91 Resp: 457945
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

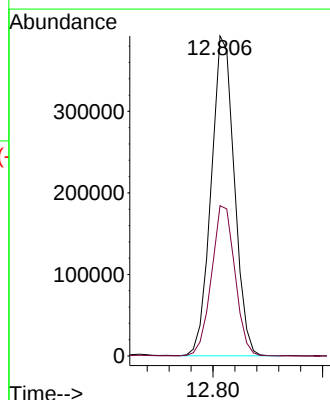
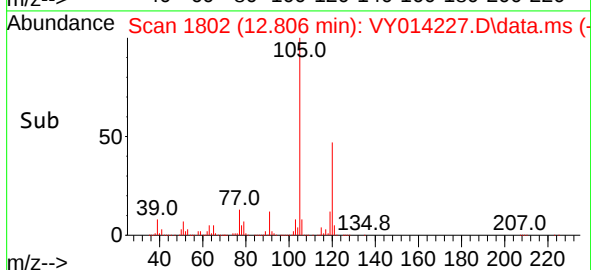
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

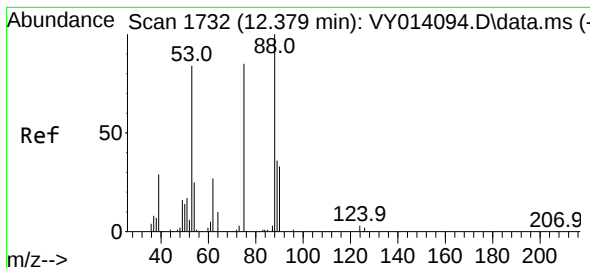


#80
1,3,5-Trimethylbenzene
Concen: 52.879 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:105 Resp: 574420
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





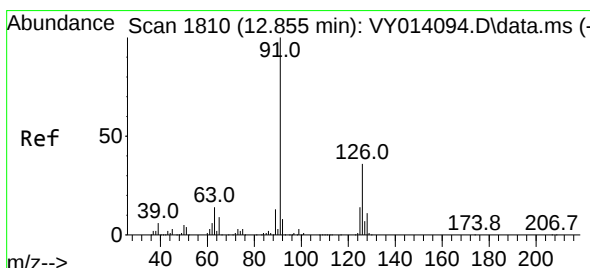
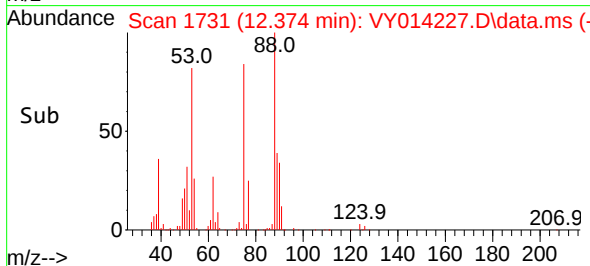
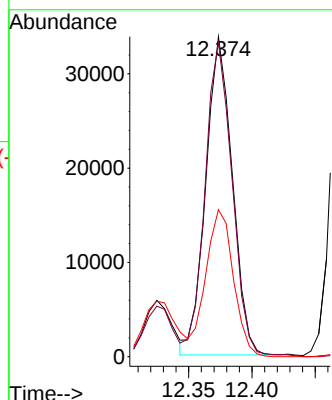
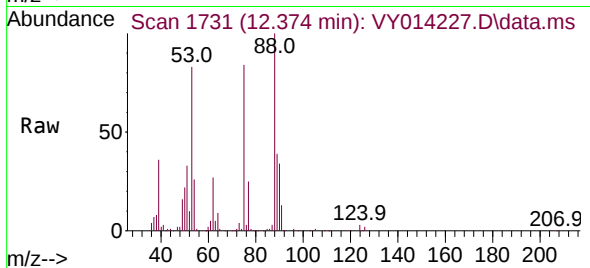
#81
trans-1,4-Dichloro-2-butene
Concen: 48.840 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49298
Ion Ratio Lower Upper
75 100
53 101.0 77.8 116.8
89 48.1 37.4 56.0

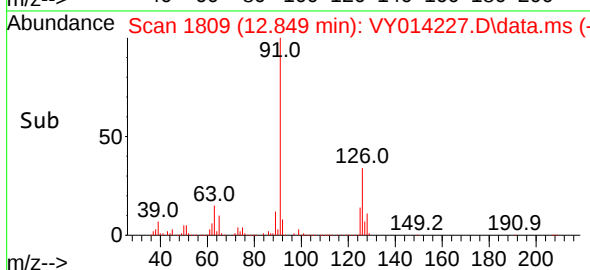
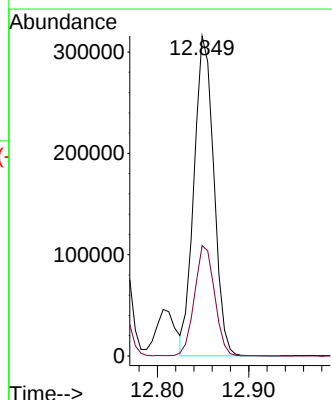
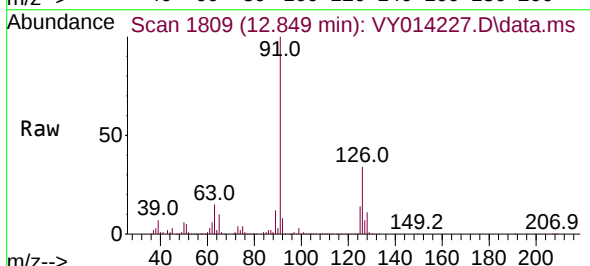
Manual Integrations
APPROVED

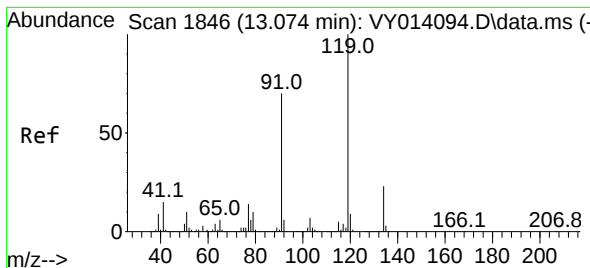
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#82
4-Chlorotoluene
Concen: 50.255 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

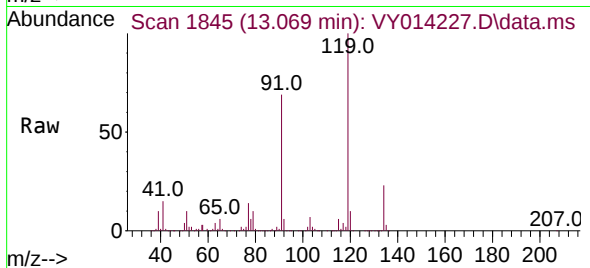
Tgt Ion: 91 Resp: 474840
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.442 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.005 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

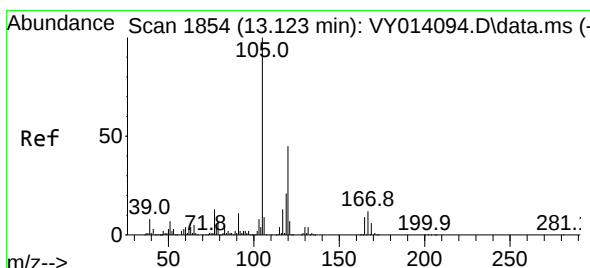
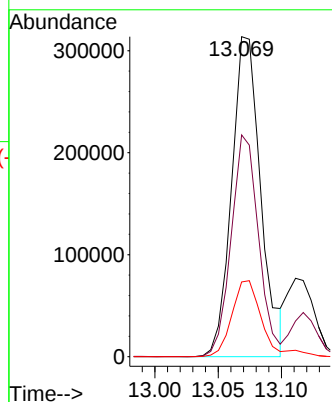
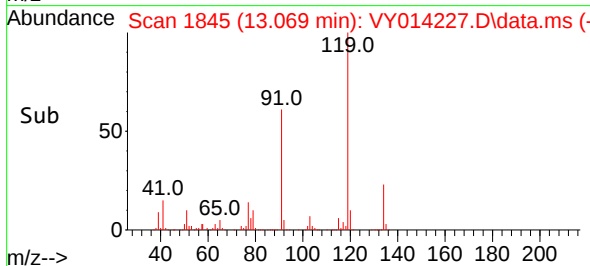
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



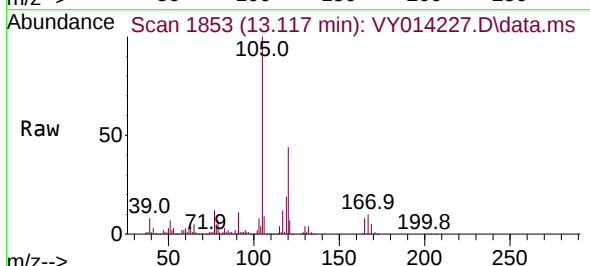
Tgt Ion:119 Resp: 502560
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 24.7 13.0 38.9

Manual Integrations
APPROVED

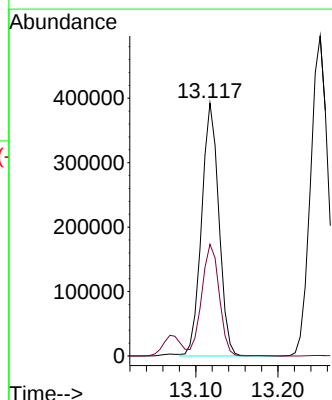
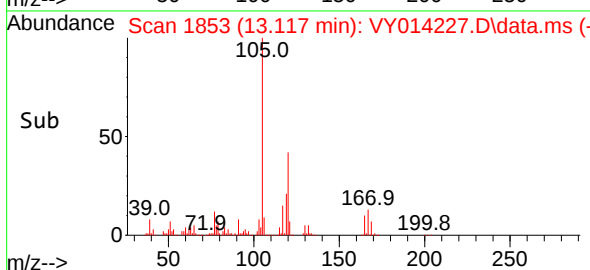
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

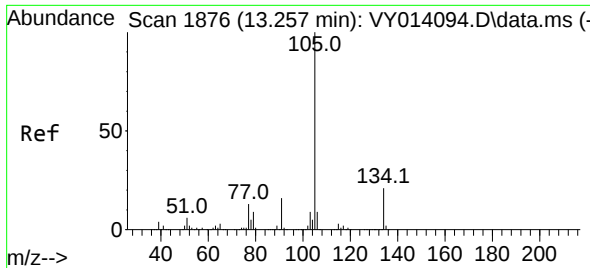


#84
1,2,4-Trimethylbenzene
Concen: 53.143 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:105 Resp: 571450
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





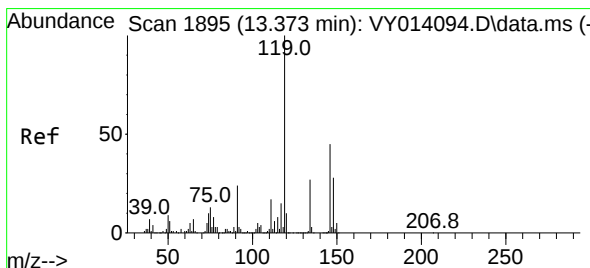
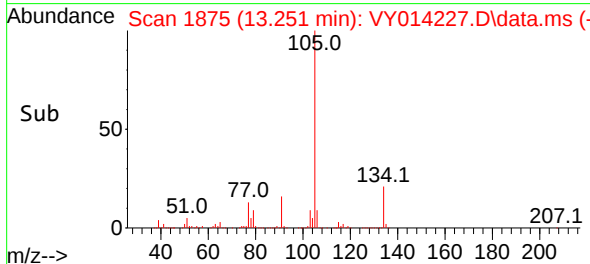
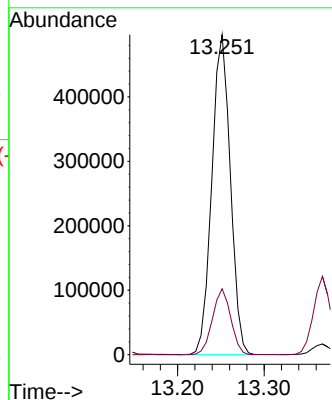
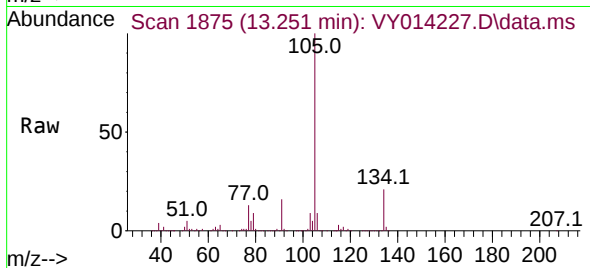
#85
 sec-Butylbenzene
 Concen: 54.887 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 736630
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

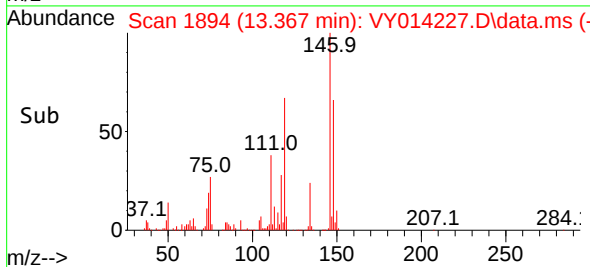
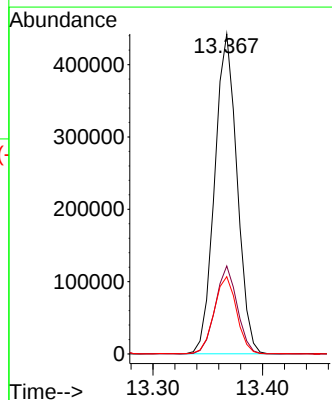
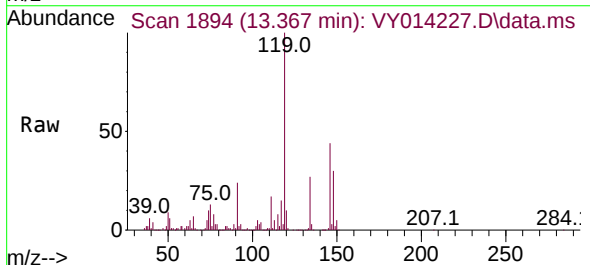
Manual Integrations
 APPROVED

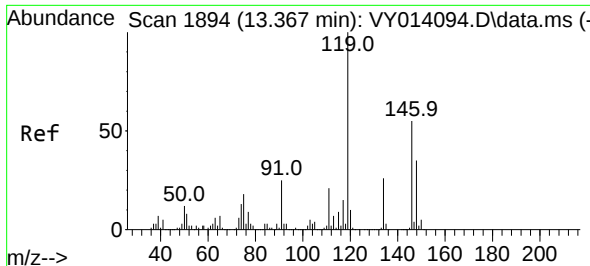
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#86
 p-Isopropyltoluene
 Concen: 54.574 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014227.D
 Acq: 19 Jun 2023 13:21

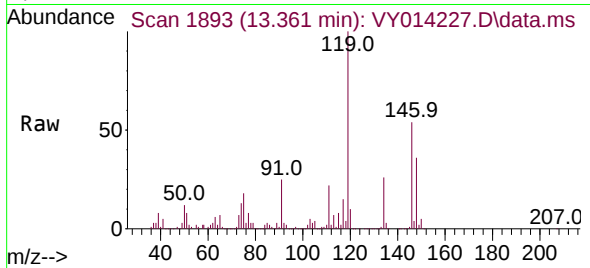
Tgt Ion:119 Resp: 626845
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 24.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.963 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

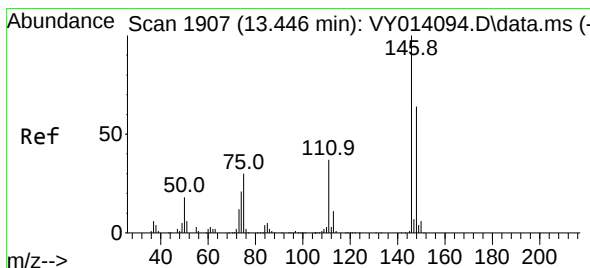
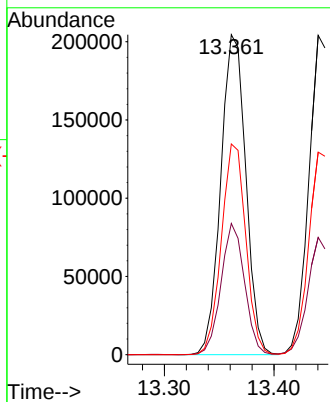
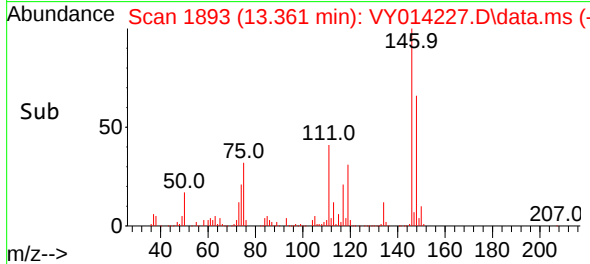
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



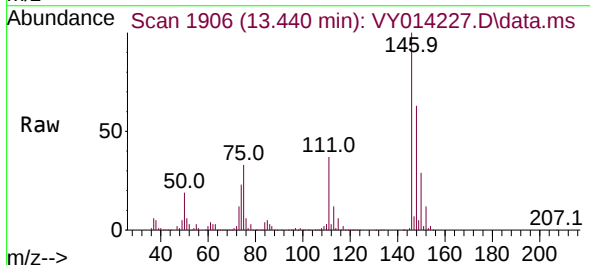
Tgt Ion:146 Resp: 32445
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 64.2 31.9 95.5

Manual Integrations
APPROVED

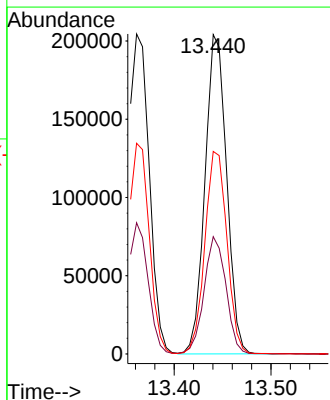
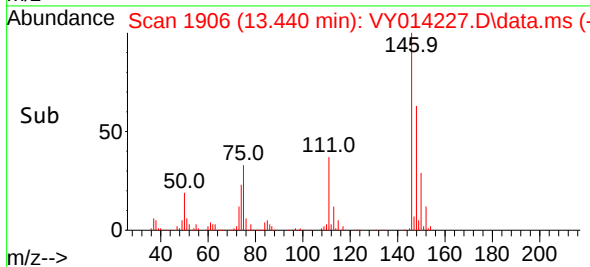
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

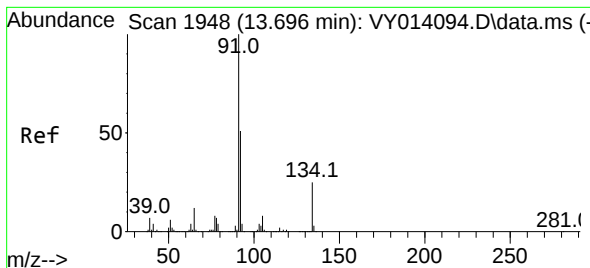


#88
1,4-Dichlorobenzene
Concen: 49.541 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



Tgt Ion:146 Resp: 317779
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 55.072 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014227.D

Acq: 19 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 586710

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

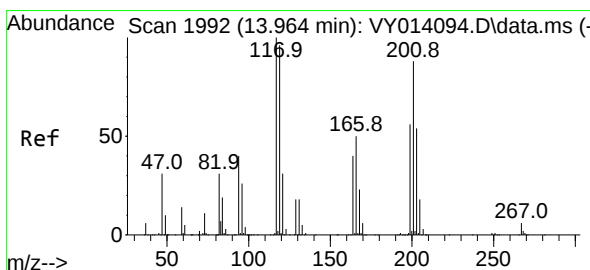
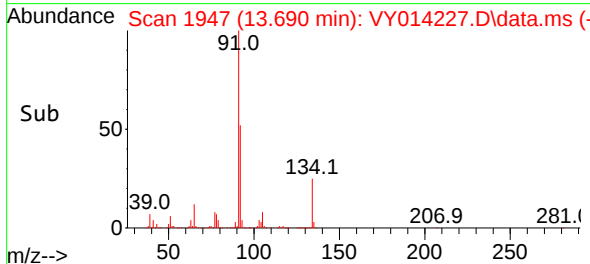
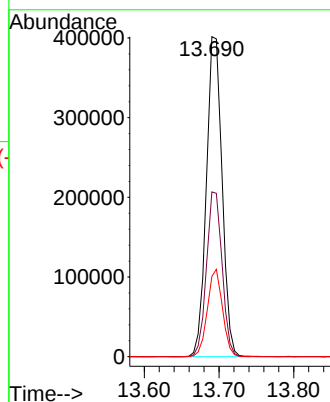
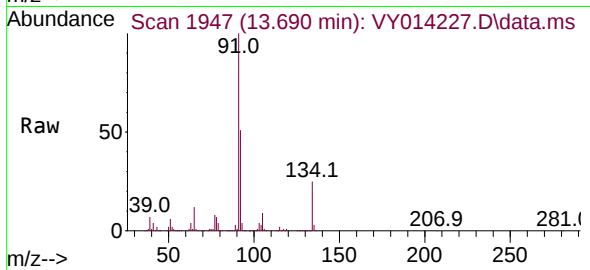
134 26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#90

Hexachloroethane

Concen: 52.245 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014227.D

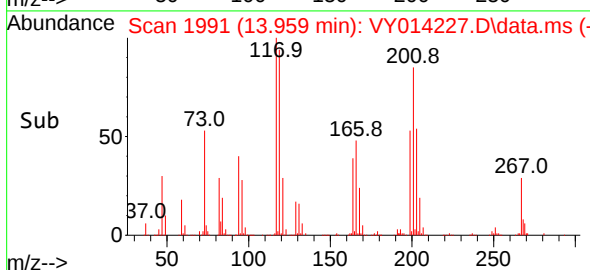
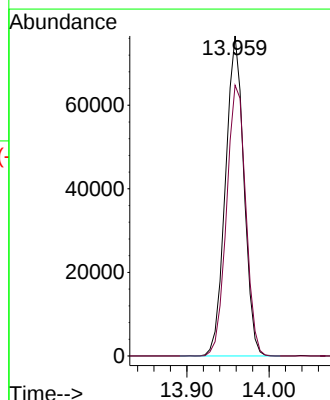
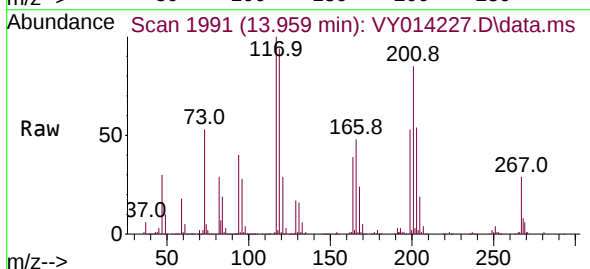
Acq: 19 Jun 2023 13:21

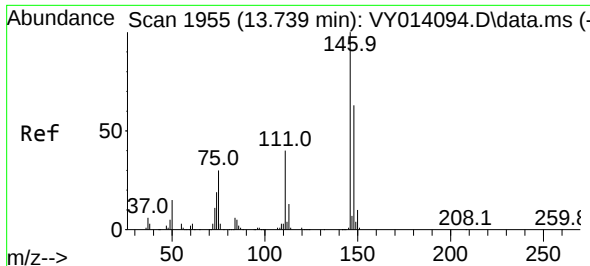
Tgt Ion:117 Resp: 119579

Ion Ratio Lower Upper

117 100

201 87.9 41.6 124.8





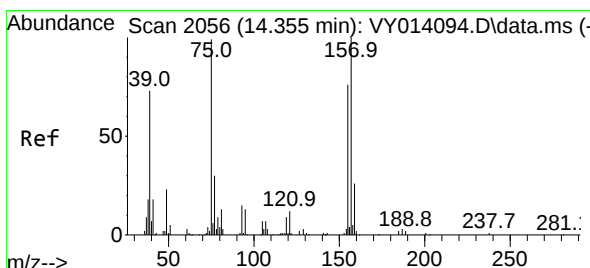
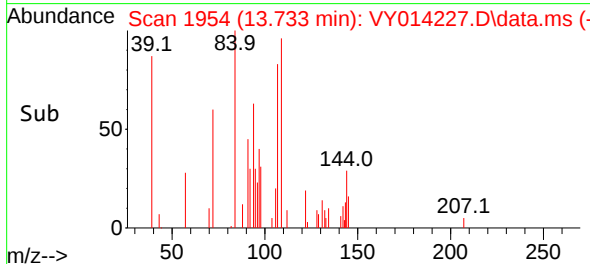
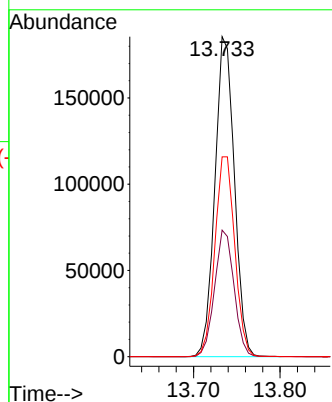
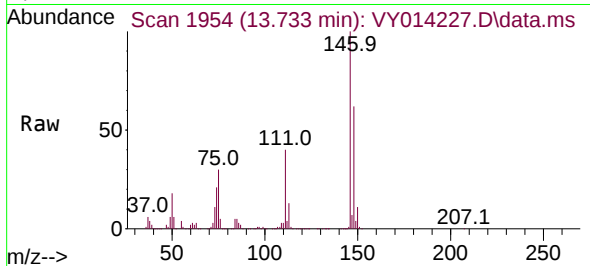
#91
1,2-Dichlorobenzene
Concen: 50.723 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 29003
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.9 32.0 96.2

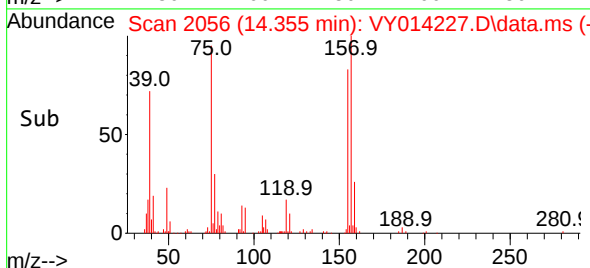
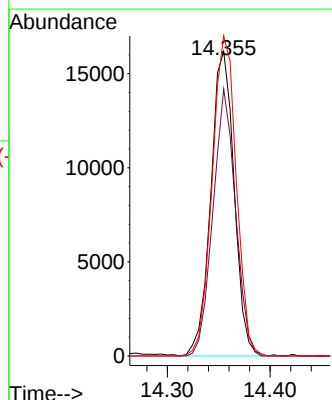
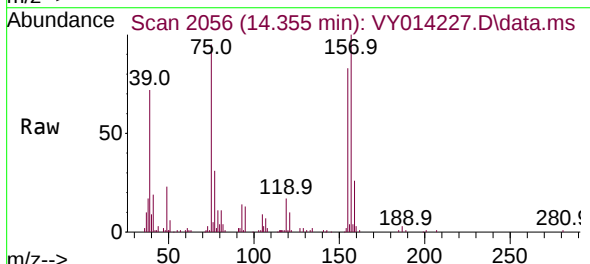
Manual Integrations
APPROVED

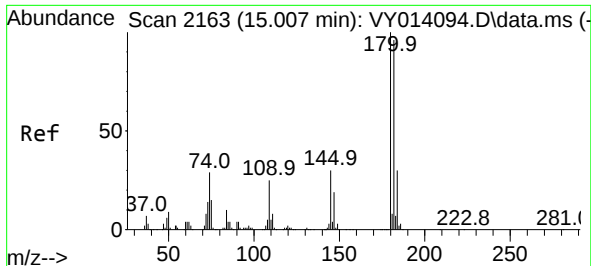
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.174 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

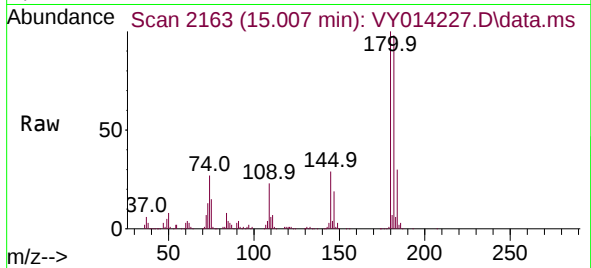
Tgt Ion: 75 Resp: 25466
Ion Ratio Lower Upper
75 100
155 84.6 41.5 124.6
157 108.7 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 50.819 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

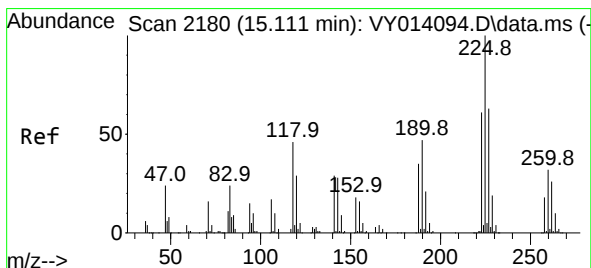
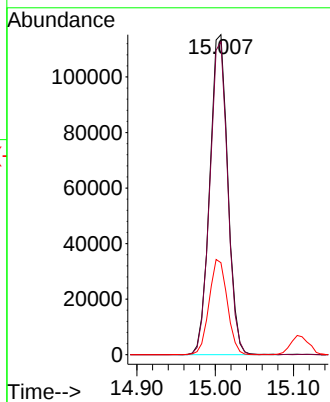
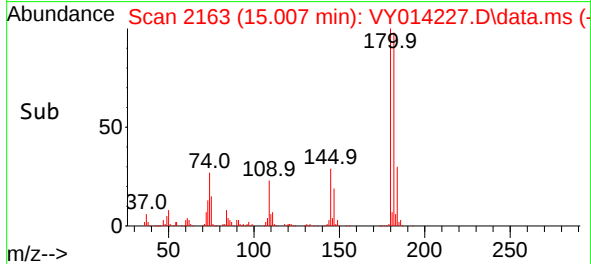
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



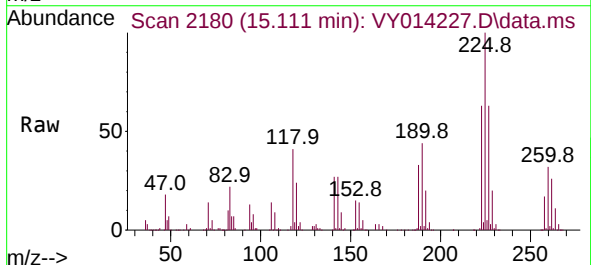
Tgt Ion:180 Resp: 184080
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.2
145 29.9 14.5 43.5

Manual Integrations
APPROVED

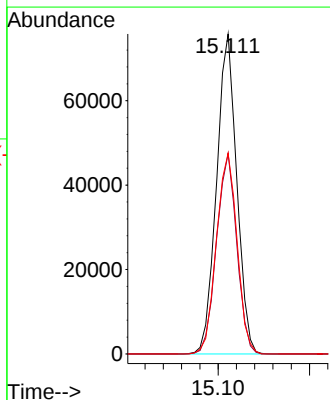
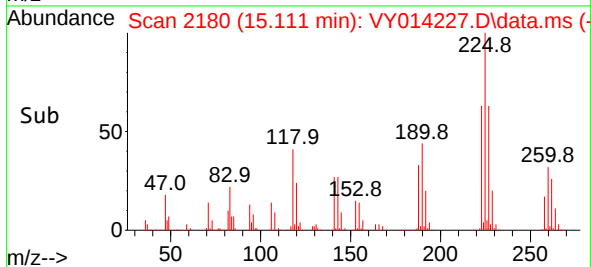
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

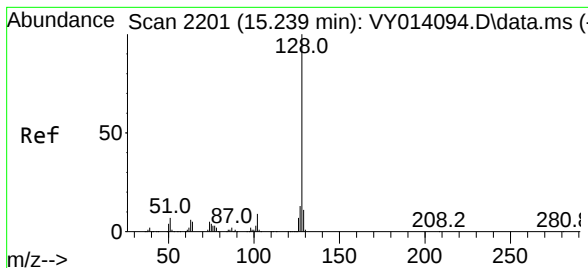


#94
Hexachlorobutadiene
Concen: 55.615 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21



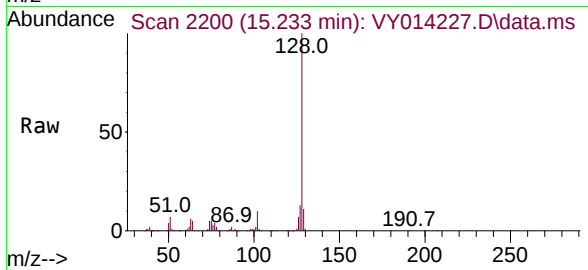
Tgt Ion:225 Resp: 116304
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 64.2 33.0 98.9





#95
Naphthalene
Concen: 50.618 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

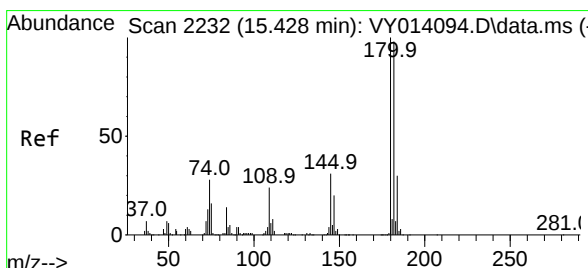
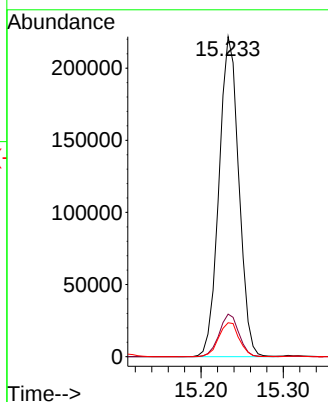
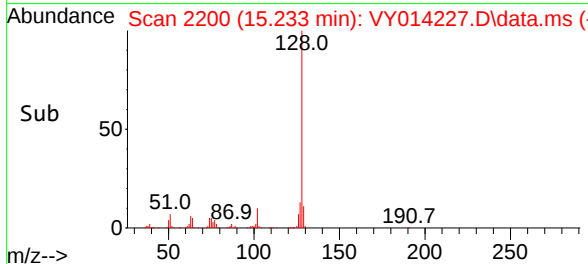
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 372158
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.973 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014227.D
Acq: 19 Jun 2023 13:21

Tgt Ion:180 Resp: 163569
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 31.3 15.4 46.2

