

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015479.D
 Acq On : 07 Sep 2023 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 07 23:13:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Mahesh Dadoda 09/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	311671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	290544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	99516	50.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.710	113	87682	48.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.173	98	303039	46.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.477	95	122280	50.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	63947	39.642	ug/l	98
3) Chloromethane	2.101	50	95770	44.703	ug/l	100
4) Vinyl Chloride	2.241	62	107442	43.087	ug/l	96
5) Bromomethane	2.625	94	82570	46.537	ug/l	100
6) Chloroethane	2.772	64	73940	45.112	ug/l	97
7) Trichlorofluoromethane	3.107	101	154531	43.811	ug/l	99
8) Diethyl Ether	3.515	74	58449	48.488	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	83344	42.632	ug/l	97
10) Methyl Iodide	4.070	142	87635	38.172	ug/l	98
11) Tert butyl alcohol	4.954	59	132451	311.410	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	80079	43.409	ug/l	91
13) Acrolein	3.716	56	89167	165.469	ug/l	99
14) Allyl chloride	4.460	41	130807	44.536	ug/l	97
15) Acrylonitrile	5.149	53	206930	272.808	ug/l	99
16) Acetone	3.942	43	187319	225.593	ug/l	95
17) Carbon Disulfide	4.174	76	214303	38.858	ug/l	98
18) Methyl Acetate	4.466	43	213003	70.824	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	307036	51.210	ug/l	99
20) Methylene Chloride	4.698	84	106471	38.134	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	95840	45.117	ug/l	96
22) Diisopropyl ether	6.106	45	304253	47.364	ug/l	92
23) Vinyl Acetate	6.045	43	849227	209.386	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	171921	46.298	ug/l	97
25) 2-Butanone	6.978	43	309744	263.009	ug/l	95
26) 2,2-Dichloropropane	6.972	77	125661	39.842	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	115883	48.087	ug/l	93
28) Bromochloromethane	7.319	49	55129	48.412	ug/l	94
29) Tetrahydrofuran	7.338	42	205450	277.799	ug/l	91
30) Chloroform	7.496	83	188121	48.191	ug/l	97
31) Cyclohexane	7.777	56	134482	38.057	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	162567	46.625	ug/l	98
36) 1,1-Dichloropropene	7.905	75	133159	42.245	ug/l	100
37) Ethyl Acetate	7.063	43	119189	49.028	ug/l	96
38) Carbon Tetrachloride	7.886	117	144217	44.299	ug/l	99
39) Methylcyclohexane	9.173	83	157765	39.756	ug/l	95
40) Benzene	8.149	78	394709	44.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	67051m	58.816	ug/l	
42) 1,2-Dichloroethane	8.228	62	140271	47.833	ug/l	95
43) Isopropyl Acetate	8.264	43	207659	49.398	ug/l	97
44) Trichloroethene	8.935	130	115672	46.488	ug/l	96
45) 1,2-Dichloropropane	9.209	63	101048	45.580	ug/l	97
46) Dibromomethane	9.295	93	71772	48.737	ug/l	96
47) Bromodichloromethane	9.490	83	152713	48.492	ug/l	99
48) Methyl methacrylate	9.289	41	99416	51.544	ug/l	94
49) 1,4-Dioxane	9.295	88	31175	1139.710	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	664803	272.086	ug/l	93
52) Toluene	10.240	92	261326	46.362	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	154052	46.028	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	165003	45.321	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	99204	49.996	ug/l	98
56) Ethyl methacrylate	10.502	69	150215	51.086	ug/l	90
57) 1,3-Dichloropropane	10.782	76	164527	48.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	263162	250.740	ug/l	93
59) 2-Hexanone	10.825	43	500376	272.926	ug/l	92
60) Dibromochloromethane	10.977	129	118469	51.010	ug/l	100
61) 1,2-Dibromoethane	11.081	107	101743	50.603	ug/l	100
64) Tetrachloroethene	10.715	164	137931	52.303	ug/l	98
65) Chlorobenzene	11.514	112	288394	46.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	112168	48.948	ug/l	100
67) Ethyl Benzene	11.587	91	503443	44.782	ug/l	99
68) m/p-Xylenes	11.697	106	394538	90.539	ug/l	95
69) o-Xylene	12.026	106	194025	46.589	ug/l	97
70) Styrene	12.038	104	335288	47.882	ug/l	97
71) Bromoform	12.203	173	86173	53.908	ug/l #	98
73) Isopropylbenzene	12.325	105	502054	42.684	ug/l	100
74) N-amyl acetate	12.142	43	173934	44.016	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	130168	46.359	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	116151m	55.934	ug/l	
77) Bromobenzene	12.605	156	126237	45.315	ug/l	99
78) n-propylbenzene	12.666	91	600770	42.211	ug/l	99
79) 2-Chlorotoluene	12.751	91	345177	43.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	428189	43.523	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	39972	42.462	ug/l	96
82) 4-Chlorotoluene	12.849	91	360326	43.431	ug/l	99
83) tert-Butylbenzene	13.068	119	373667	43.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	426888	43.702	ug/l	98
85) sec-Butylbenzene	13.251	105	544282	42.348	ug/l	100
86) p-Isopropyltoluene	13.367	119	461567	42.849	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	244508	44.458	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	244373	43.957	ug/l	99
89) n-Butylbenzene	13.690	91	423204	41.741	ug/l	97
90) Hexachloroethane	13.959	117	86107	44.695	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	230875	46.000	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29382	52.899	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	146073	46.344	ug/l	99
94) Hexachlorobutadiene	15.105	225	73877	42.984	ug/l	97
95) Naphthalene	15.233	128	407165	52.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	135431	47.106	ug/l	99

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

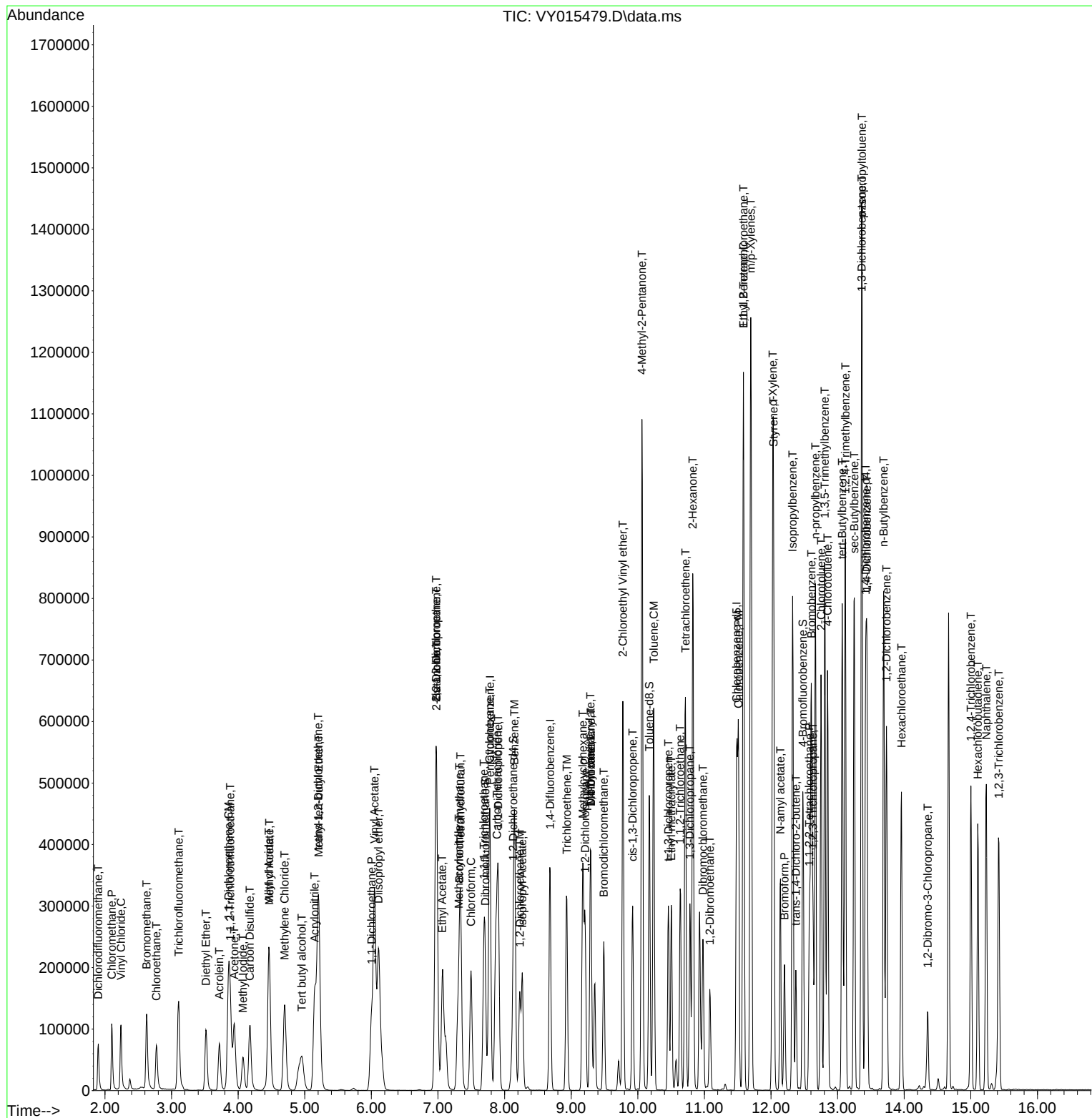
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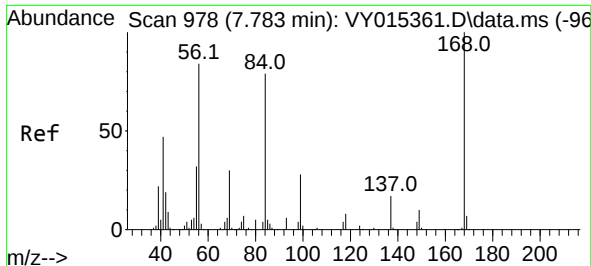
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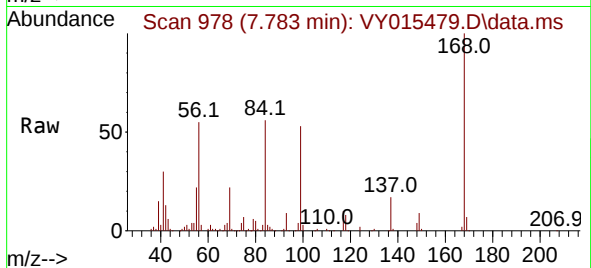
Reviewed By : John Carlone 09/08/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

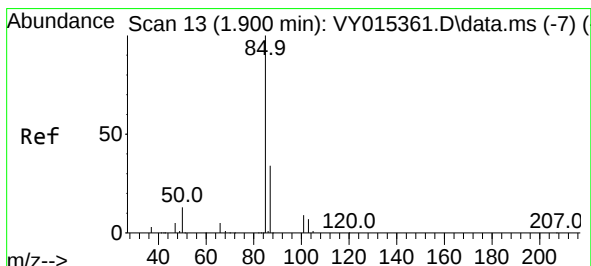
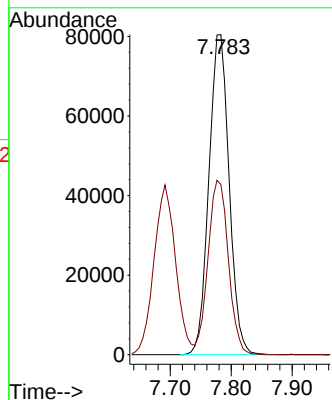
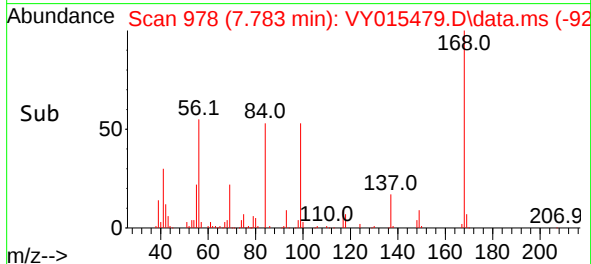
Instrument :
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Tgt Ion:168 Resp: 185579
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0

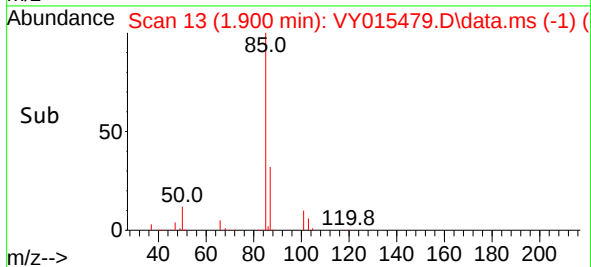
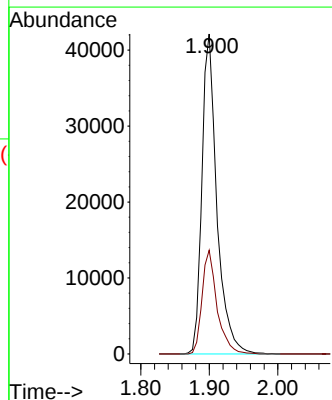
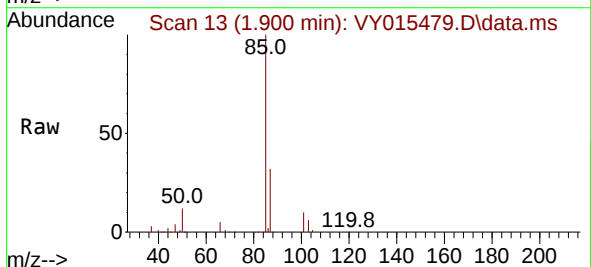
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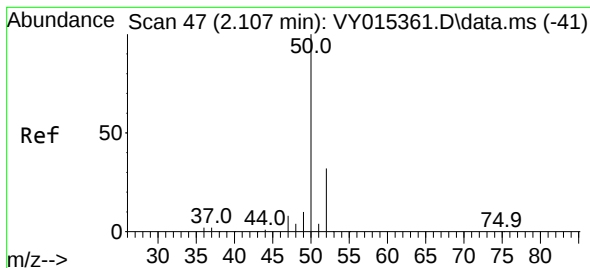
Reviewed By :John Carlone 09/08/2023
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#2
Dichlorodifluoromethane
Concen: 39.642 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

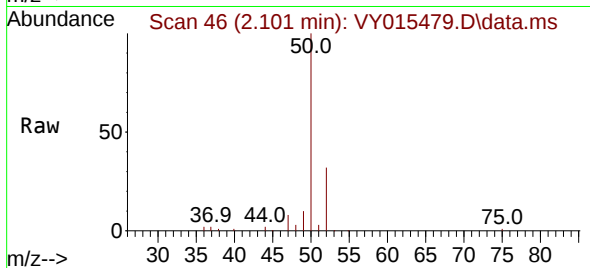
Tgt Ion: 85 Resp: 63947
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8





#3
Chloromethane
Concen: 44.703 ug/l
RT: 2.101 min Scan# 40
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

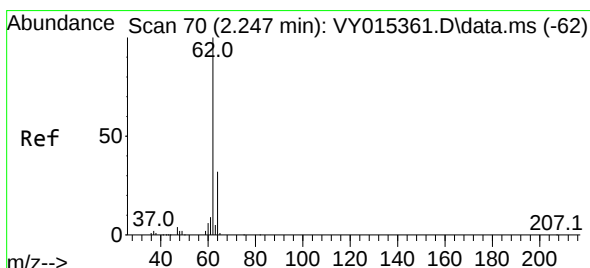
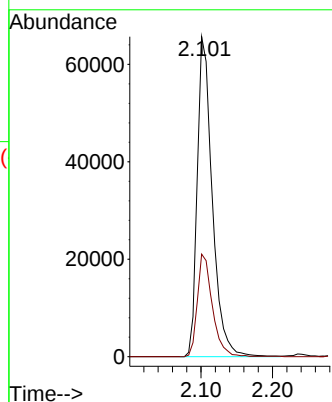
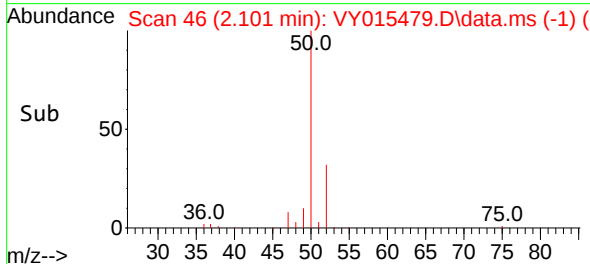
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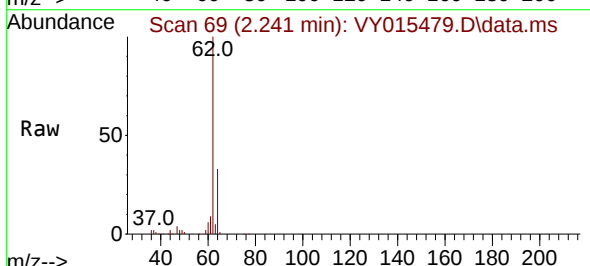
Tgt Ion: 50 Resp: 95770
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

Manual Integrations
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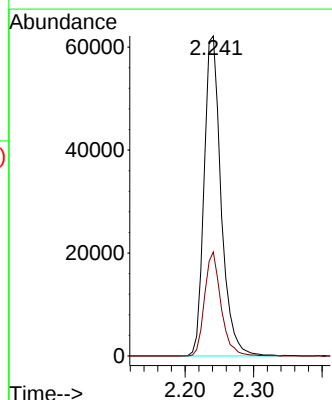
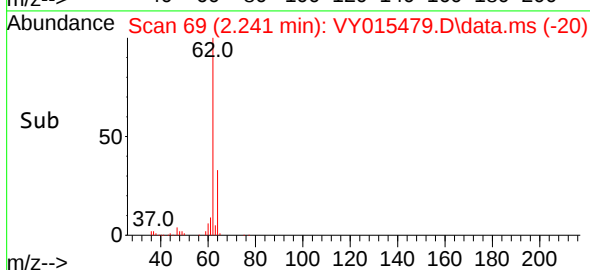
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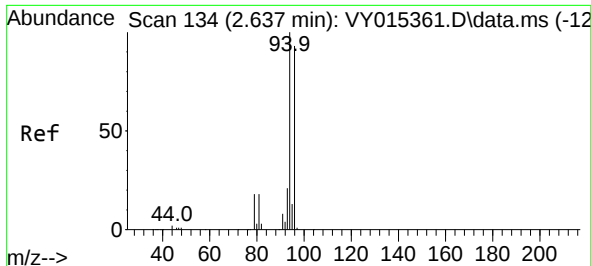


#4
Vinyl Chloride
Concen: 43.087 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



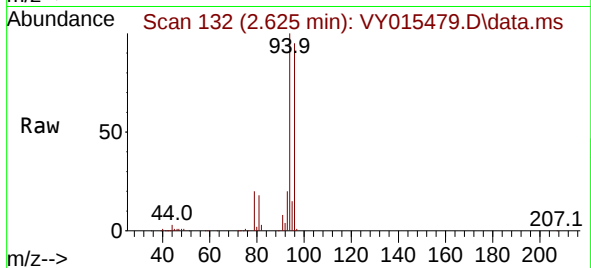
Tgt Ion: 62 Resp: 107442
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 46.537 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

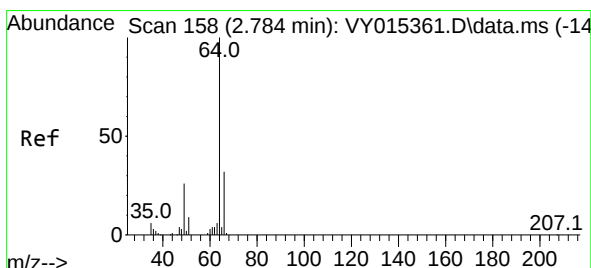
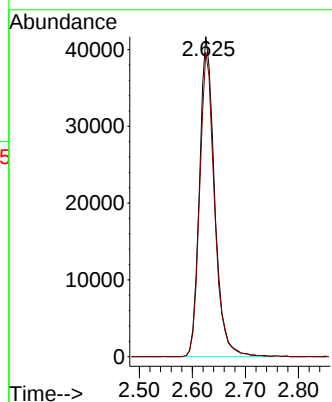
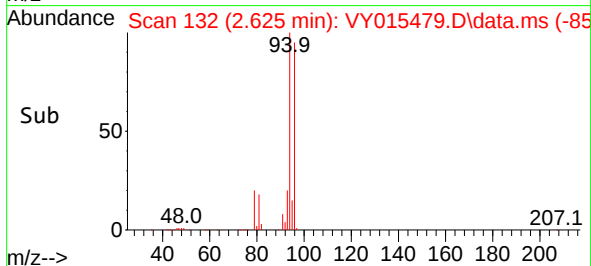
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Tgt Ion: 94 Resp: 82570
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

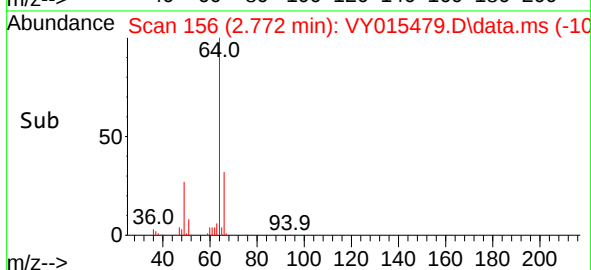
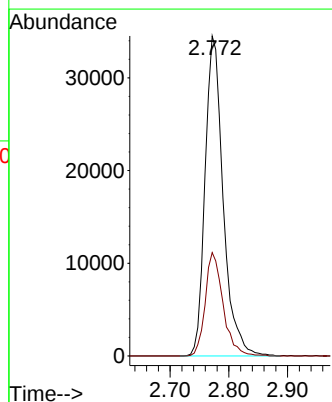
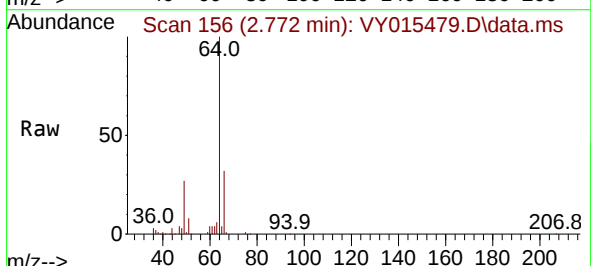
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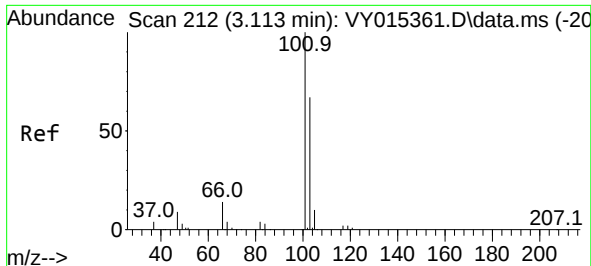
Reviewed By :John Carlone 09/08/2023
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#6
Chloroethane
Concen: 45.112 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

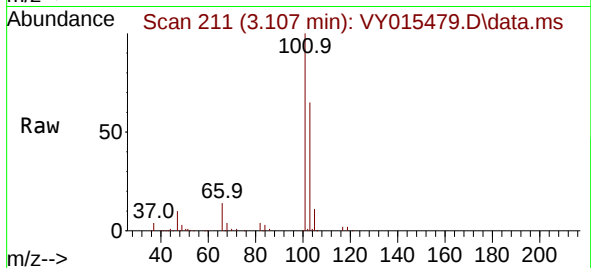
Tgt Ion: 64 Resp: 73940
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 43.811 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

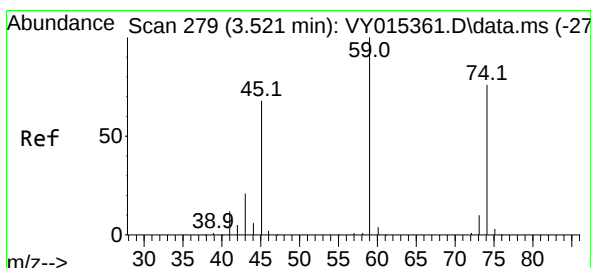
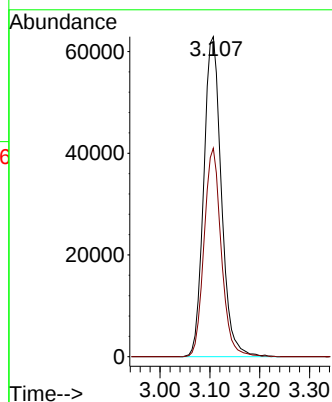
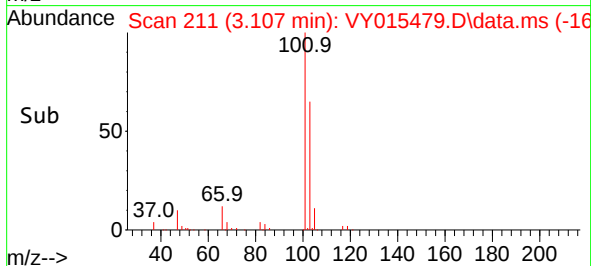
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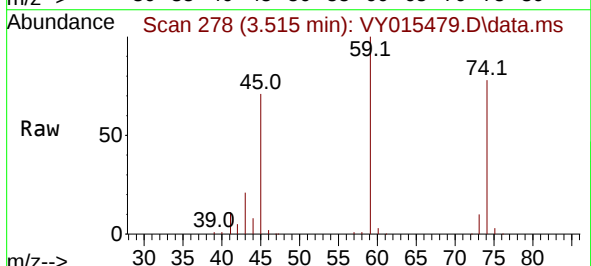
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Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

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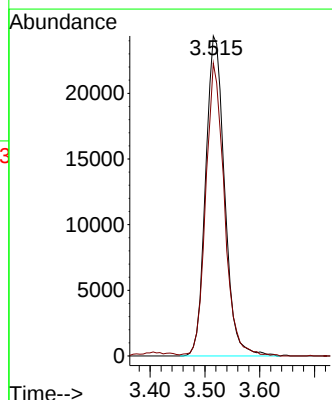
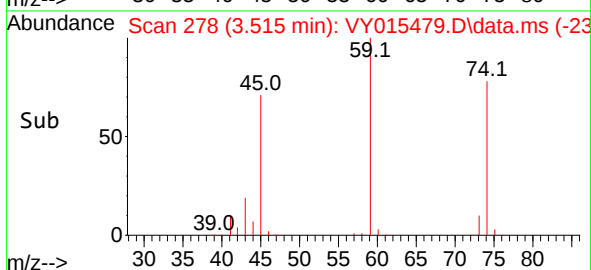
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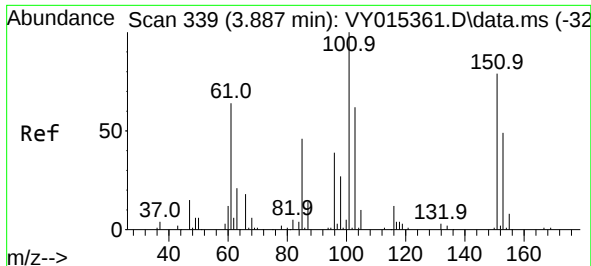


#8
Diethyl Ether
Concen: 48.488 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion: 74 Resp: 58449
Ion Ratio Lower Upper
74 100
45 89.8 51.5 154.5





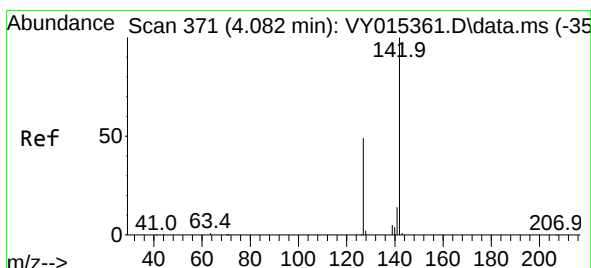
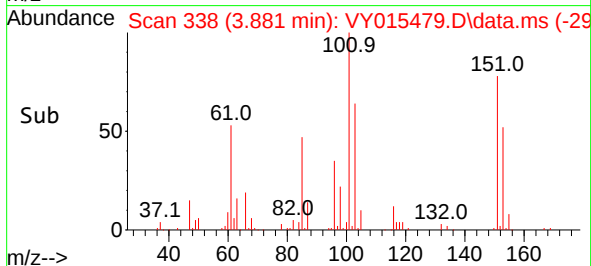
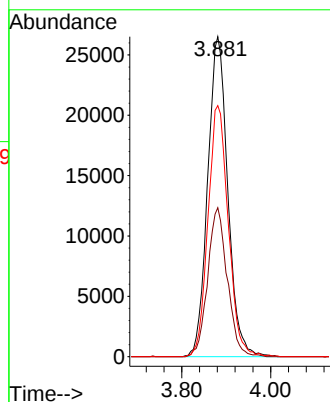
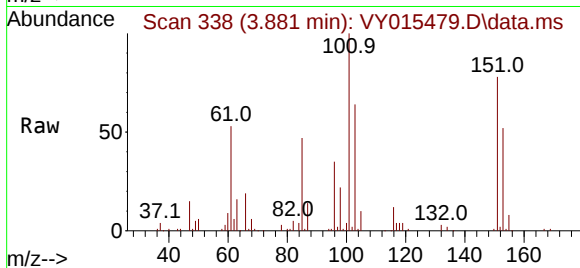
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.632 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8334
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 79.3 67.0 100.6

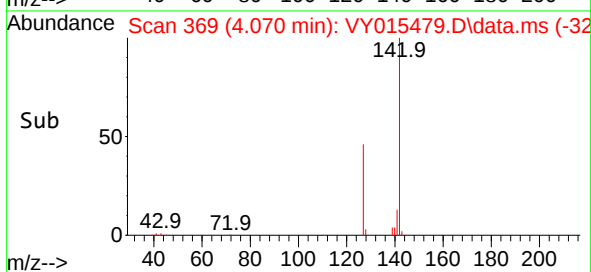
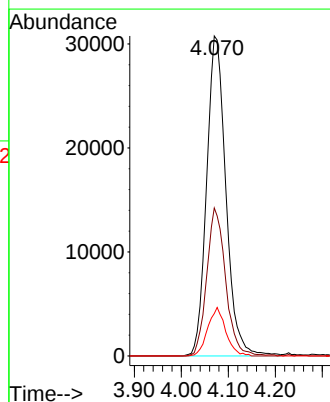
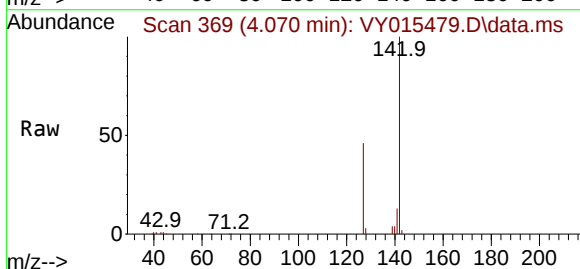
Manual Integrations
APPROVED

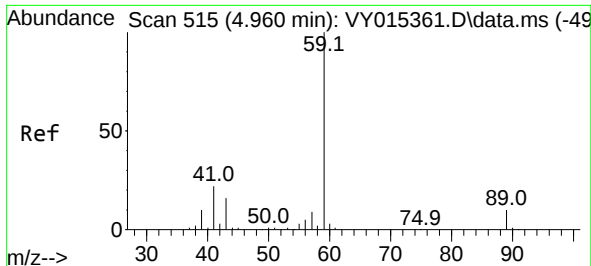
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
Methyl Iodide
Concen: 38.172 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:142 Resp: 87635
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.2 11.8 17.8





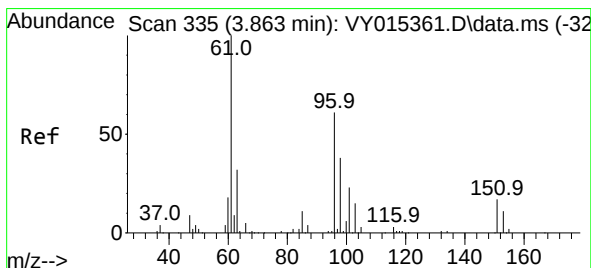
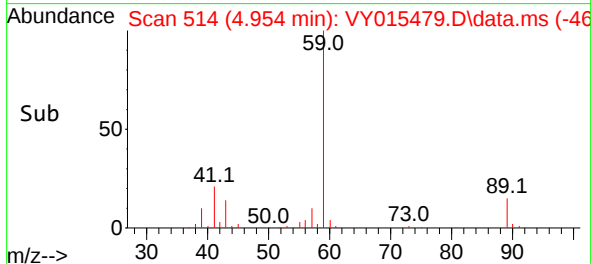
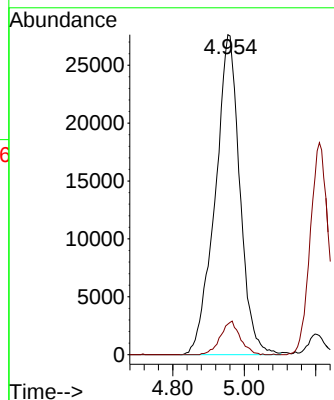
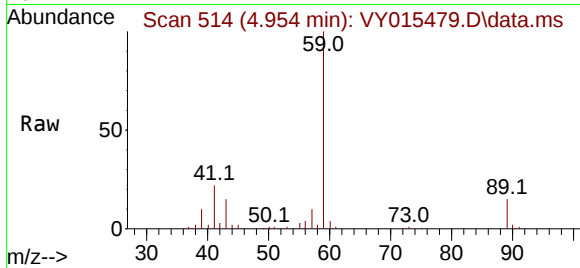
#11
Tert butyl alcohol
Concen: 311.410 ug/l
RT: 4.954 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 13245
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.4

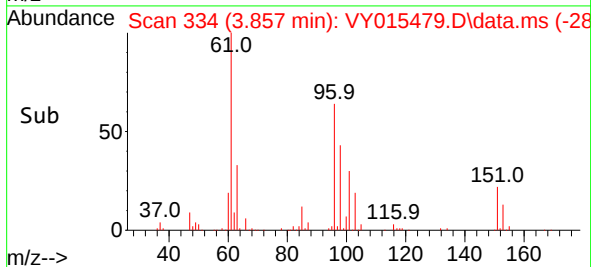
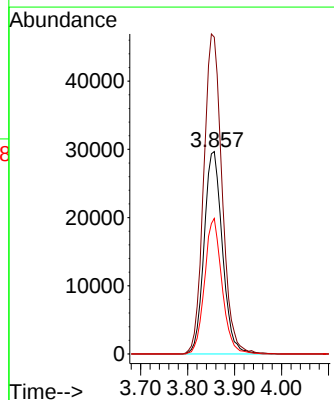
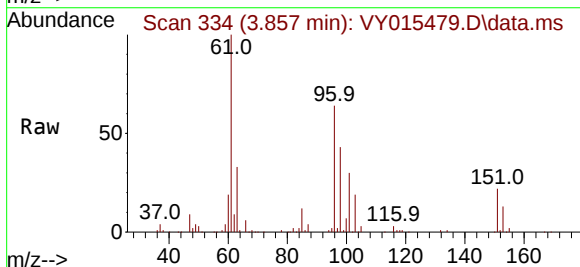
Manual Integrations
APPROVED

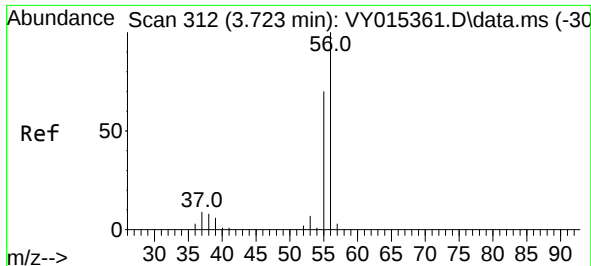
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
1,1-Dichloroethene
Concen: 43.409 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

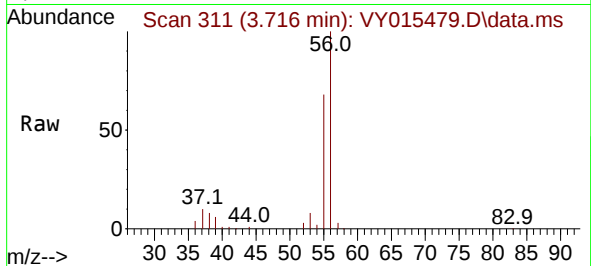
Tgt Ion: 96 Resp: 80079
Ion Ratio Lower Upper
96 100
61 156.5 136.4 204.6
98 67.0 49.4 74.2





#13
Acrolein
Concen: 165.469 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

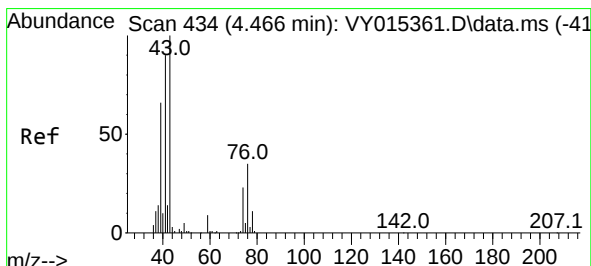
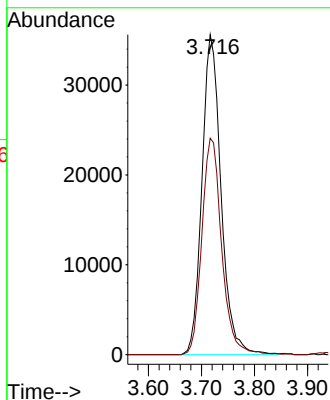
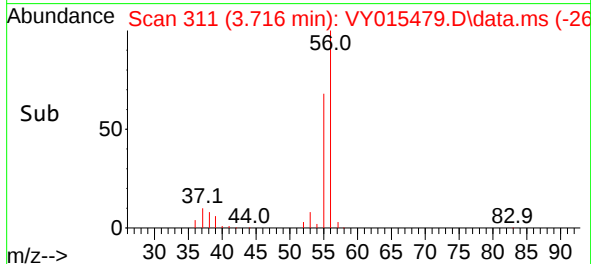
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8916
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

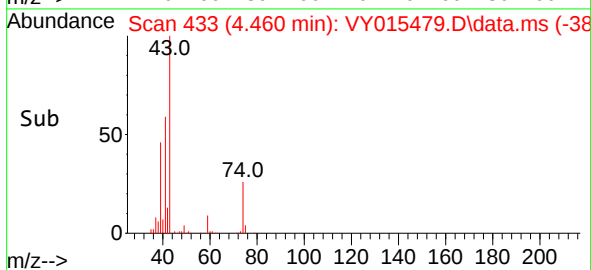
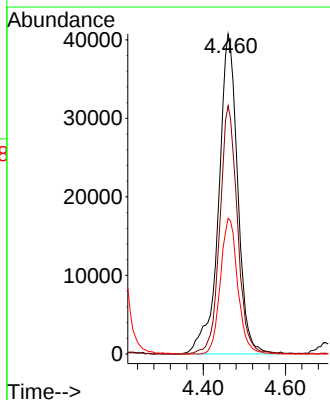
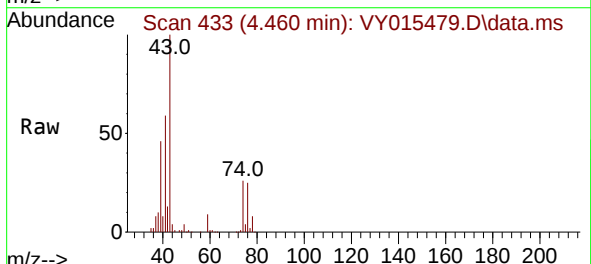
Manual Integrations
APPROVED

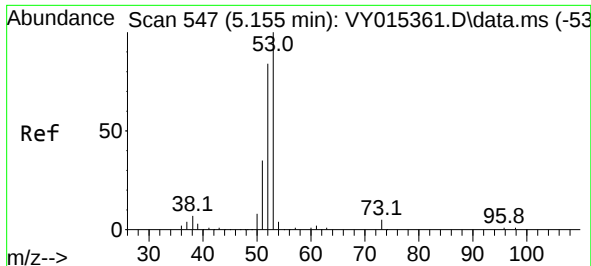
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#14
Allyl chloride
Concen: 44.536 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

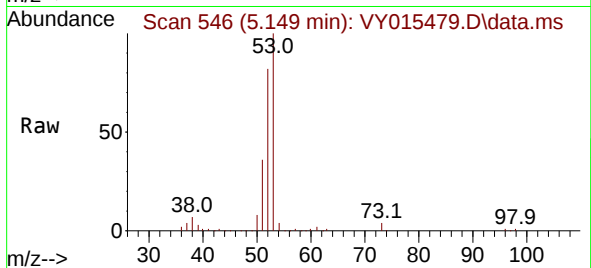
Tgt Ion: 41 Resp: 130807
Ion Ratio Lower Upper
41 100
39 72.0 58.0 87.0
76 38.6 27.4 41.2





#15
Acrylonitrile
Concen: 272.808 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

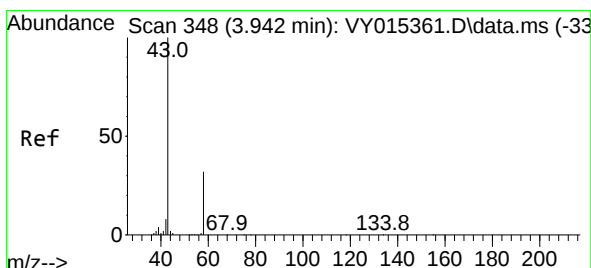
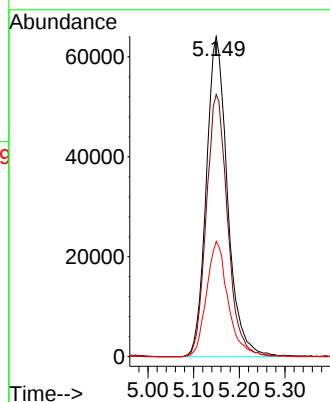
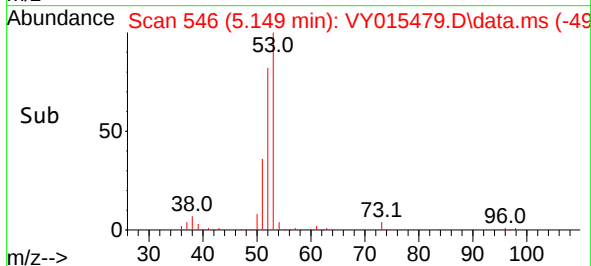
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 206930
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.7 29.8 44.6

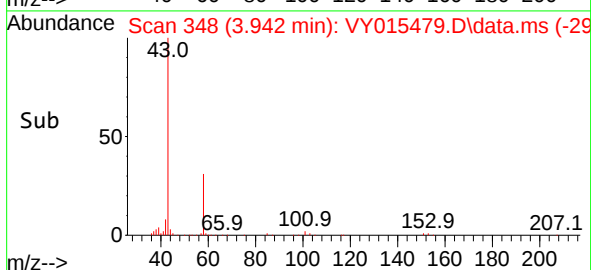
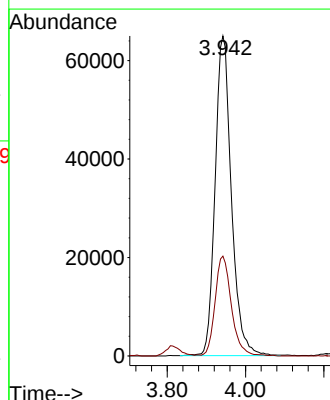
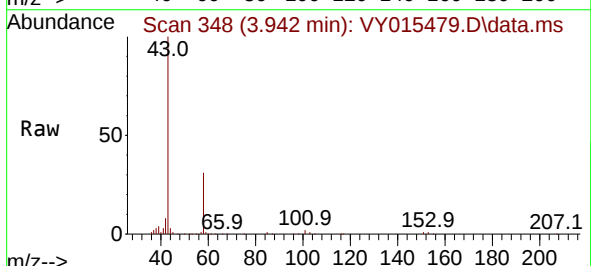
Manual Integrations
APPROVED

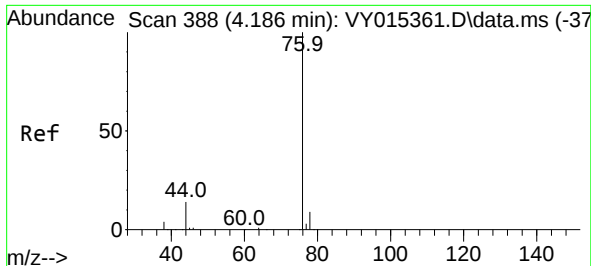
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#16
Acetone
Concen: 225.593 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

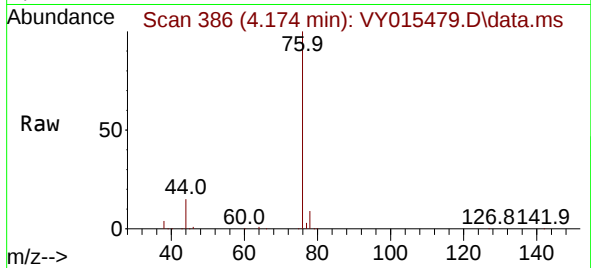
Tgt Ion: 43 Resp: 187319
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1





#17
Carbon Disulfide
Concen: 38.858 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

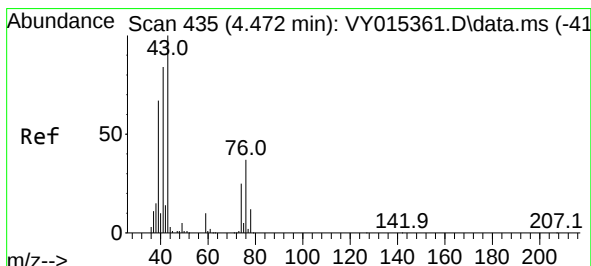
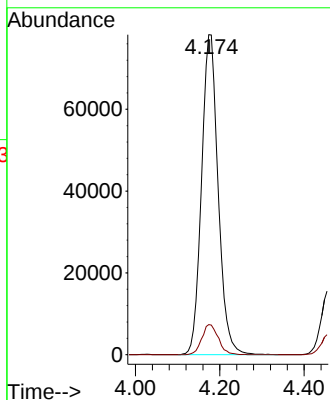
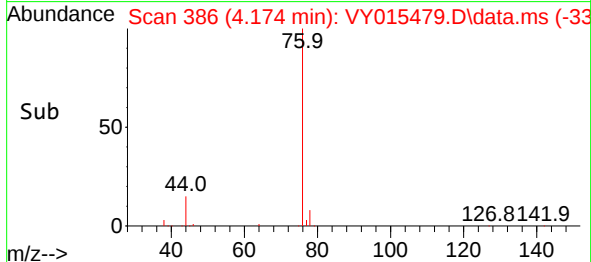
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21430
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

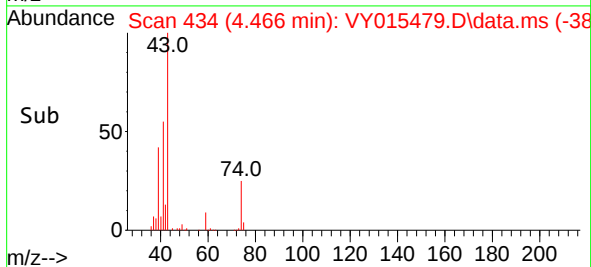
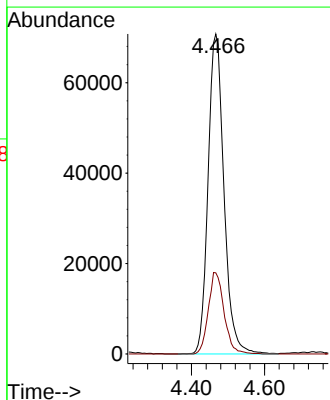
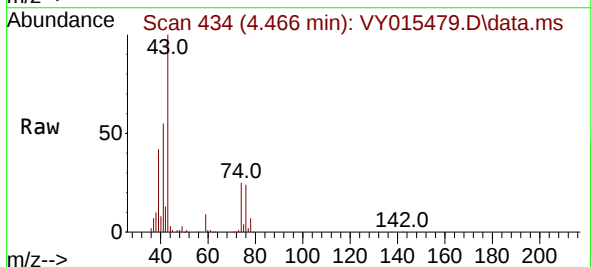
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#18
Methyl Acetate
Concen: 70.824 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

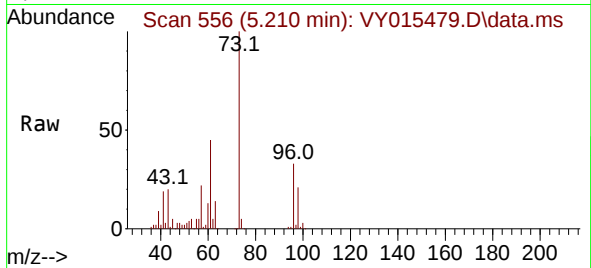
Tgt Ion: 43 Resp: 213003
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.210 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

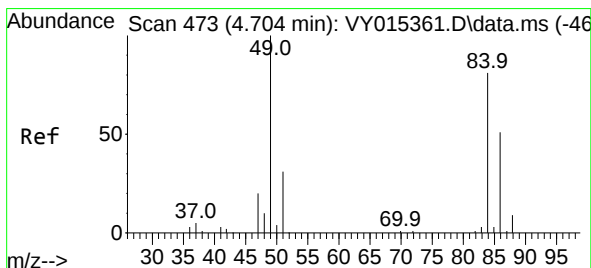
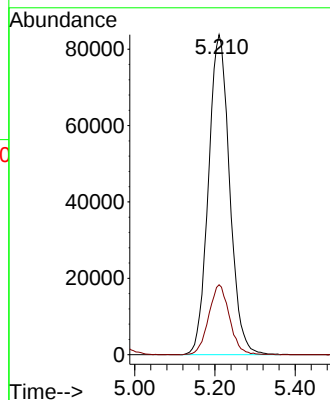
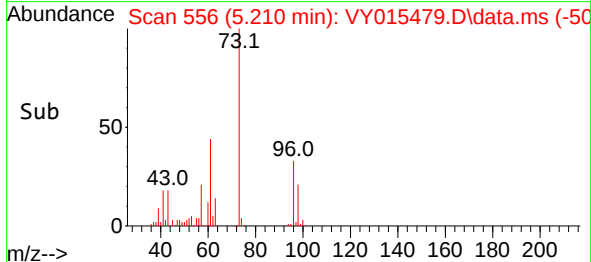
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 307030
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

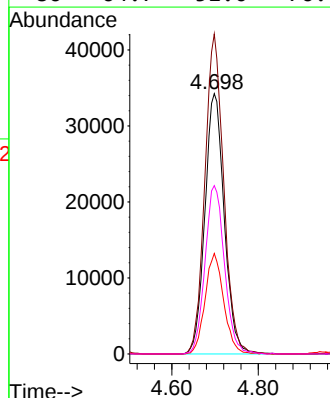
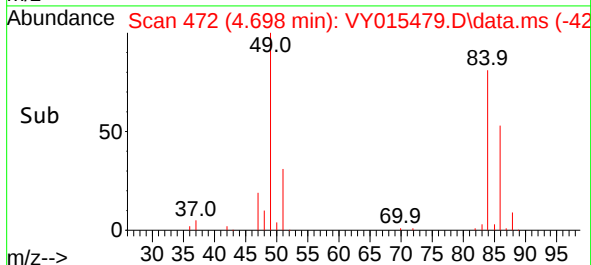
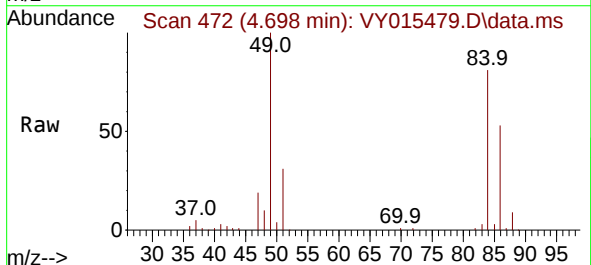
Manual Integrations
APPROVED

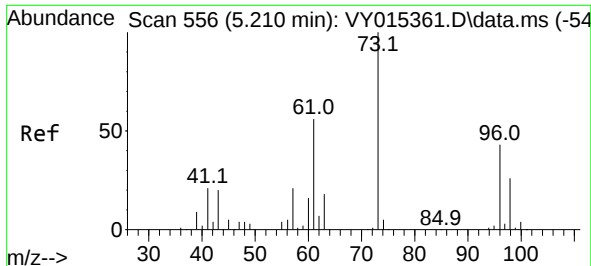
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Methylene Chloride
Concen: 38.134 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

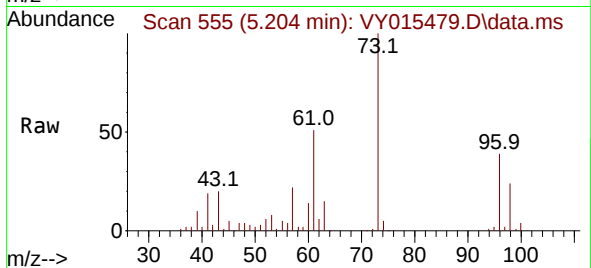
Tgt Ion: 84 Resp: 106471
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.6 33.2 49.8
86 64.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 45.117 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

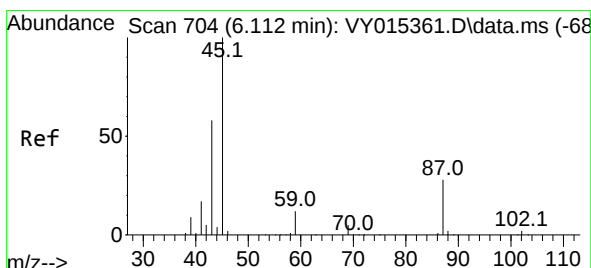
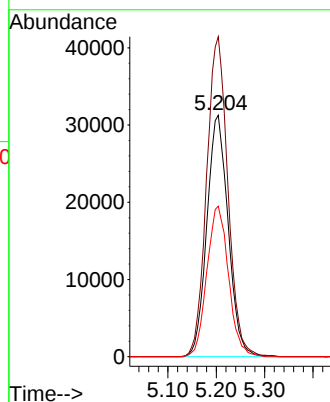
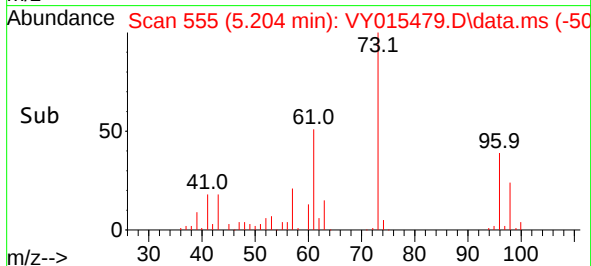
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



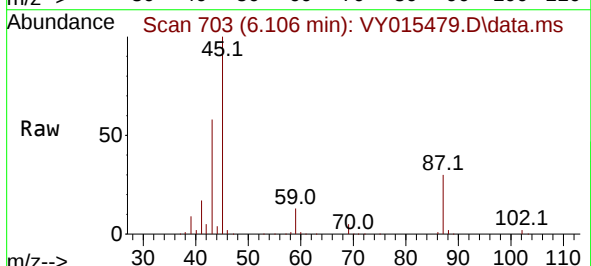
Tgt Ion: 96 Resp: 95840
Ion Ratio Lower Upper
96 100
61 132.6 110.2 165.4
98 62.4 51.8 77.6

Manual Integrations
APPROVED

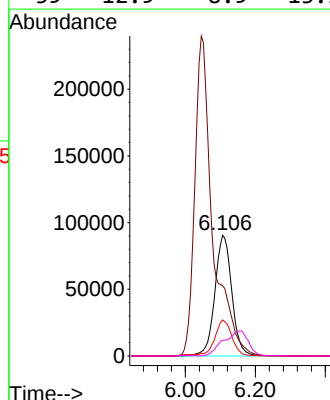
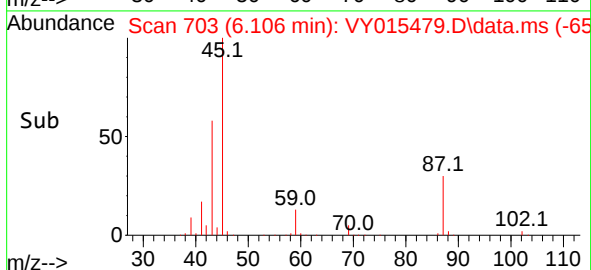
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

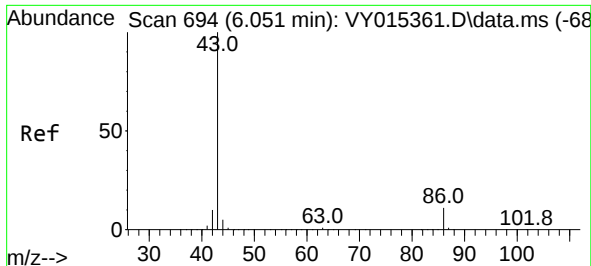


#22
Diisopropyl ether
Concen: 47.364 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion: 45 Resp: 304253
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.8 21.0 31.6
59 12.9 8.9 13.3





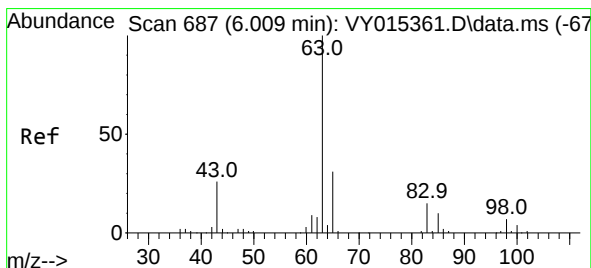
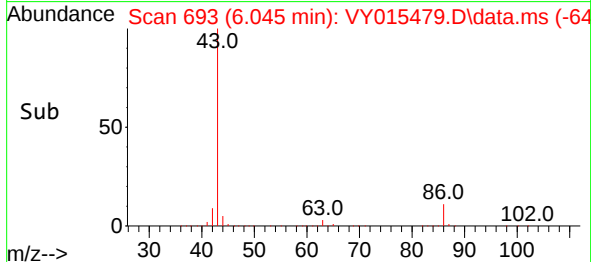
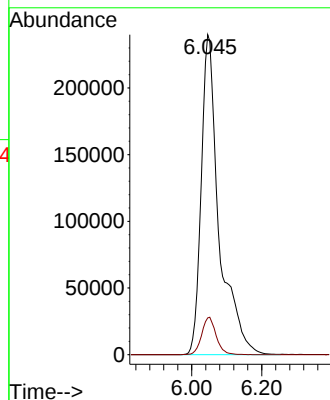
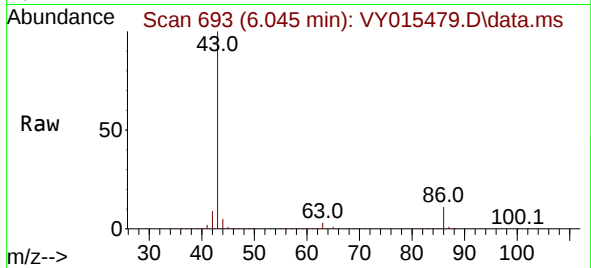
#23
 Vinyl Acetate
 Concen: 209.386 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 849227
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

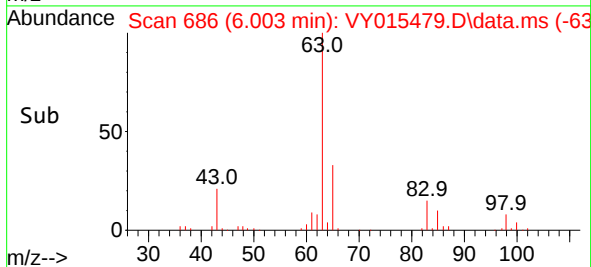
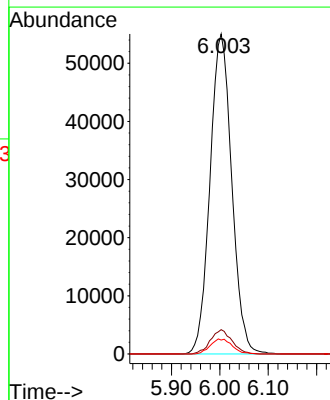
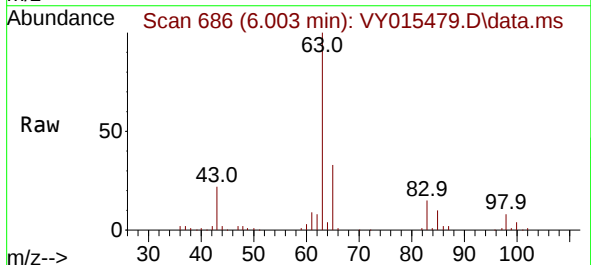
Manual Integrations
 APPROVED

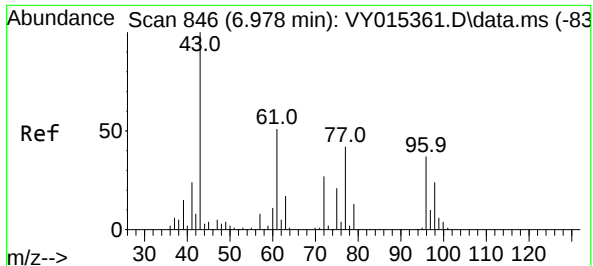
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#24
 1,1-Dichloroethane
 Concen: 46.298 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 63 Resp: 171921
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.3 1.8 5.5





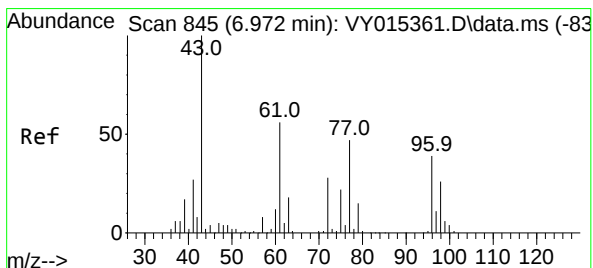
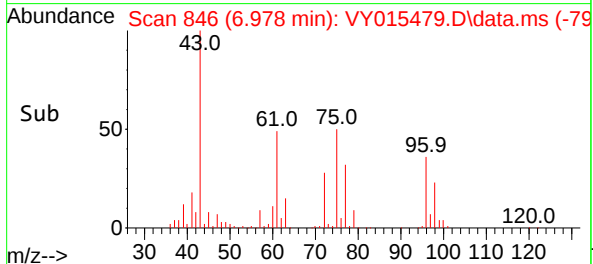
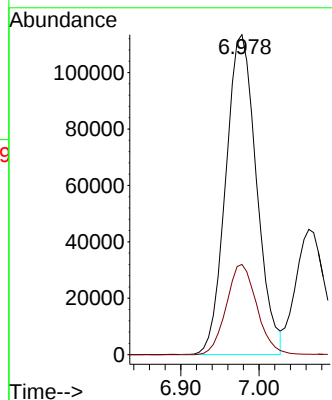
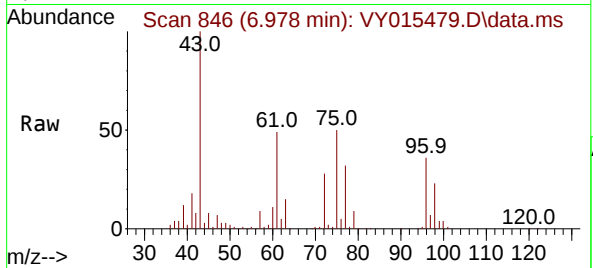
#25
2-Butanone
Concen: 263.009 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 309744
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7

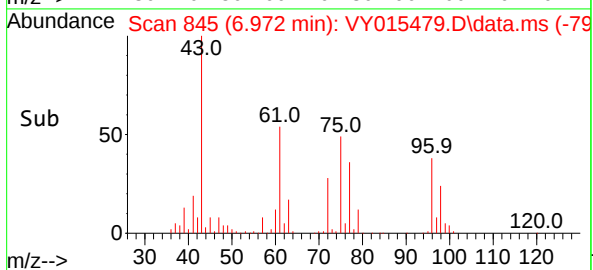
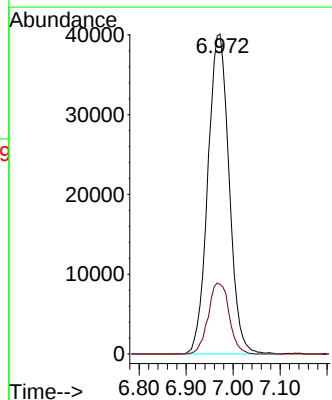
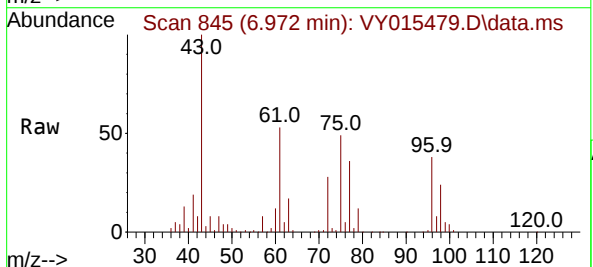
Manual Integrations
APPROVED

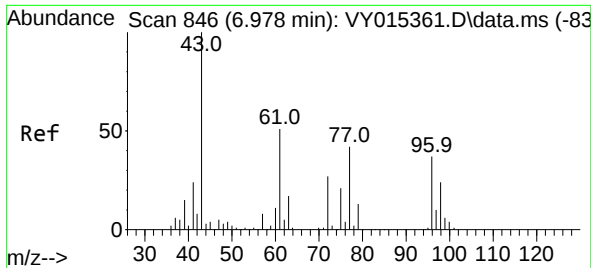
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#26
2,2-Dichloropropane
Concen: 39.842 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion: 77 Resp: 125661
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





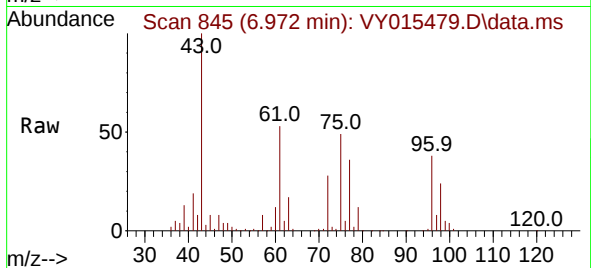
#27
 cis-1,2-Dichloroethene
 Concen: 48.087 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



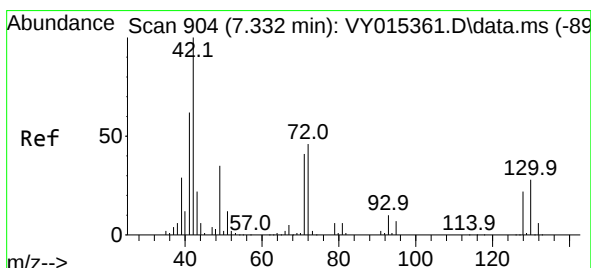
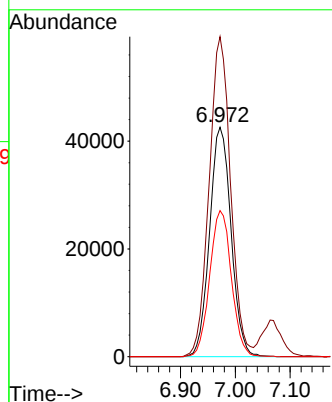
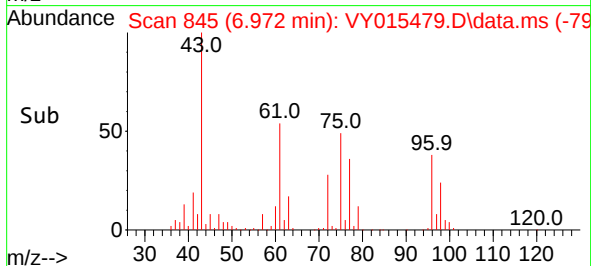
Tgt Ion: 96 Resp: 11588
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 301.4
 98 64.3 0.0 130.4

Manual Integrations

APPROVED

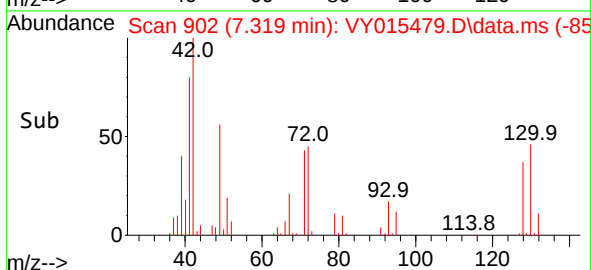
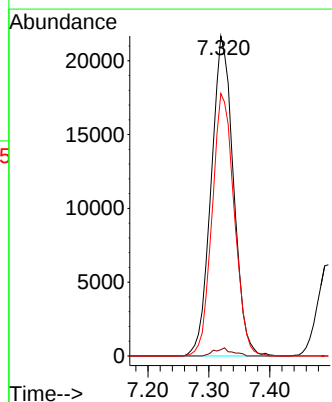
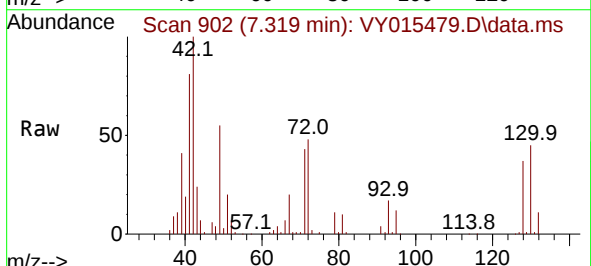
Reviewed By :John Carlone 09/08/2023

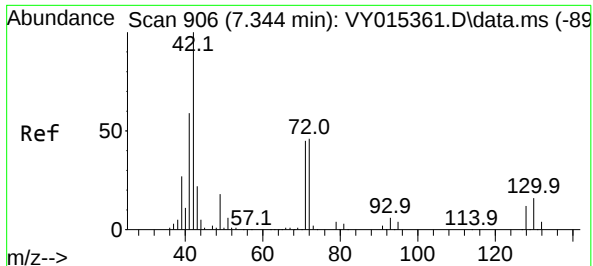
Supervised By :Mahesh Dadoda 09/08/2023



#28
 Bromochloromethane
 Concen: 48.412 ug/l
 RT: 7.319 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

Tgt Ion: 49 Resp: 55129
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 277.799 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY015479.D

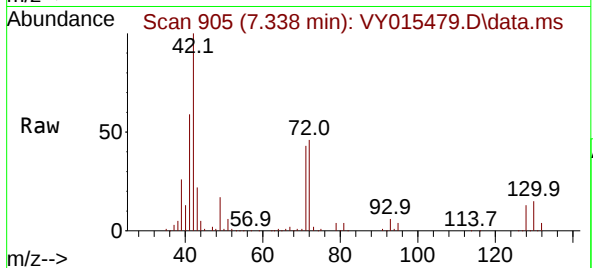
Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



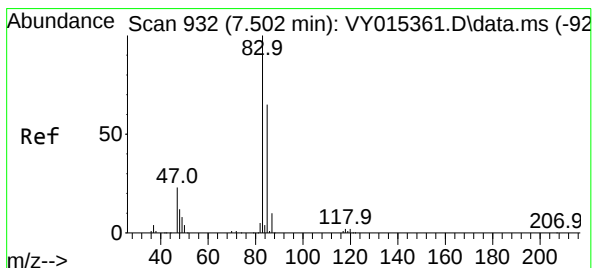
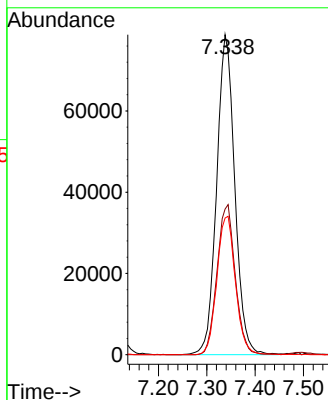
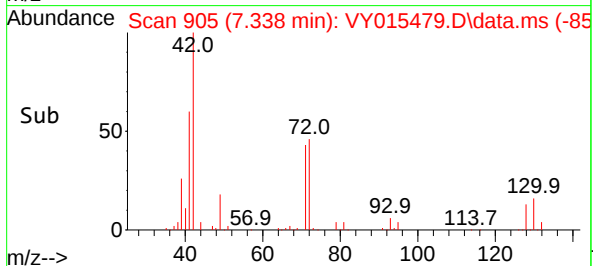
Tgt Ion:	42	Ratio	100	Lower	Upper
42	100				
72	47.1		32.8	49.2	
71	44.1		31.0	46.4	

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

Chloroform

Concen: 48.191 ug/l

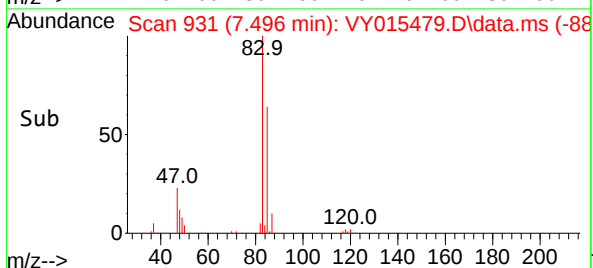
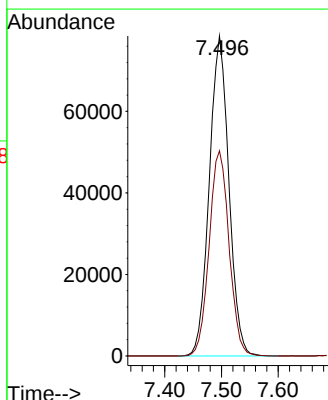
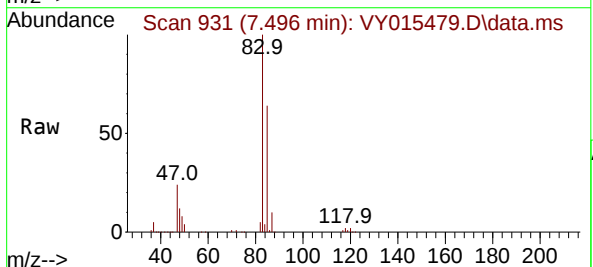
RT: 7.496 min Scan# 931

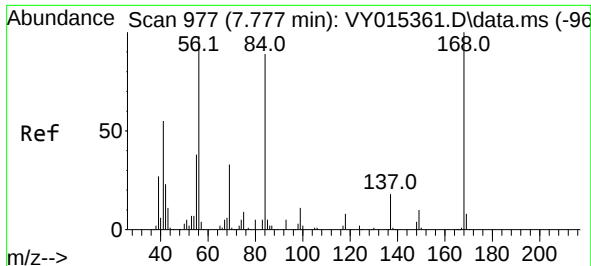
Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

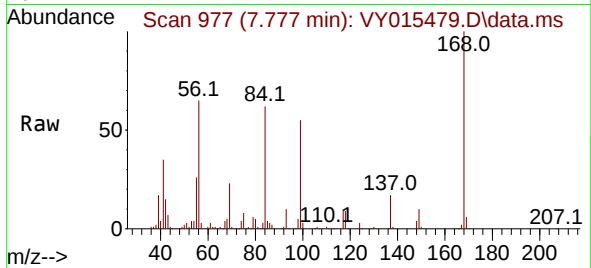
Tgt Ion:	83	Ratio	100	Lower	Upper
83	100				
85	64.1		49.7	74.5	





#31
Cyclohexane
Concen: 38.057 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

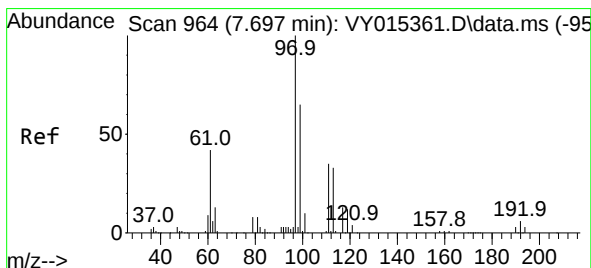
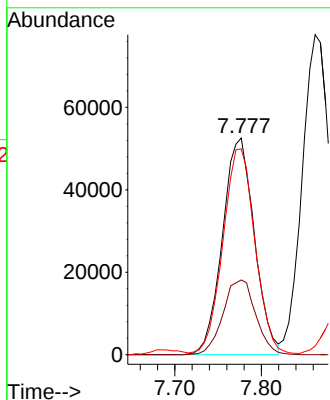
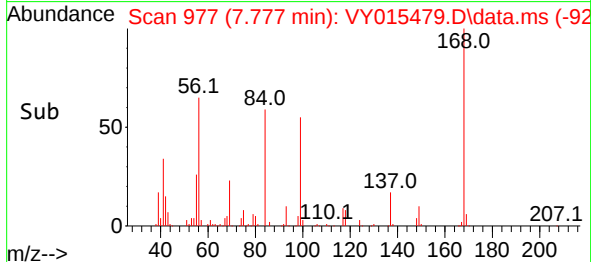
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13448
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 93.2 66.4 99.6

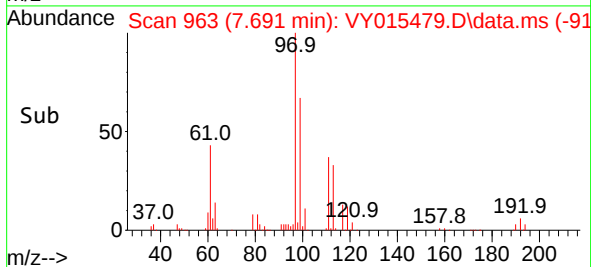
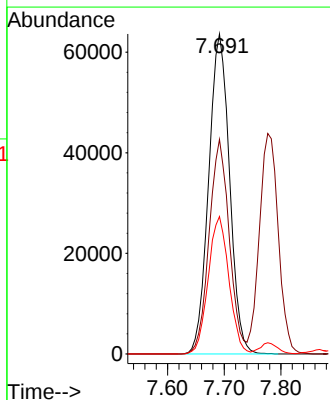
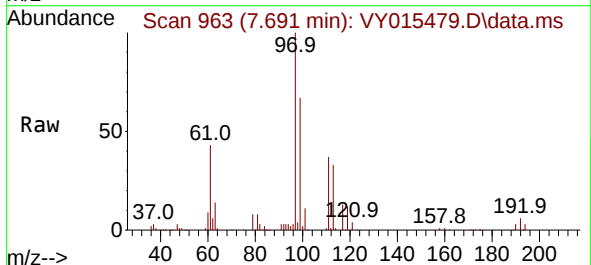
Manual Integrations
APPROVED

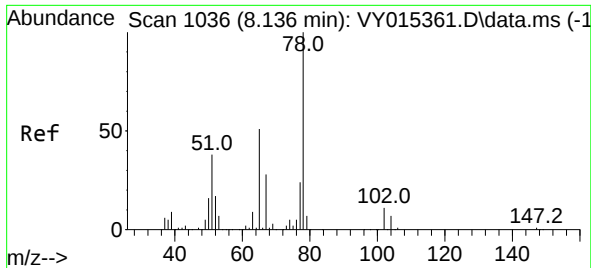
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#32
1,1,1-Trichloroethane
Concen: 46.625 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

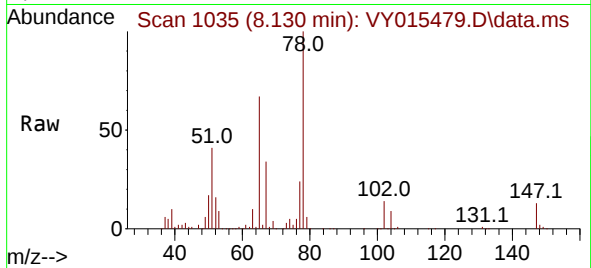
Tgt Ion: 97 Resp: 162567
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 42.7 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 50.025 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

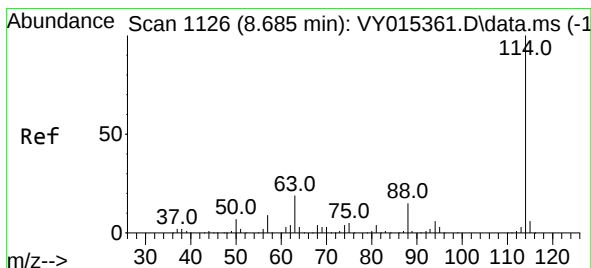
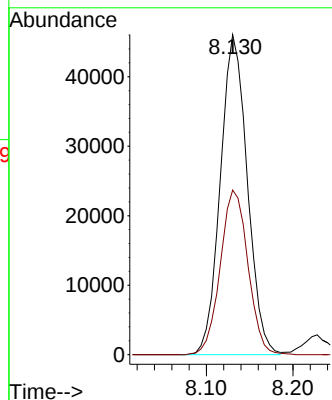
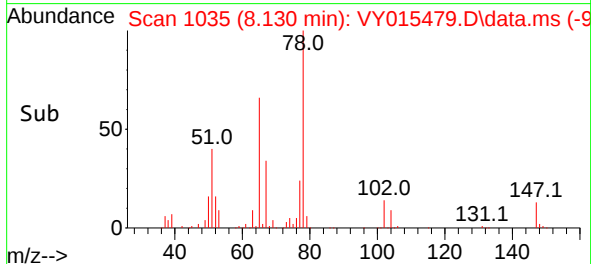
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



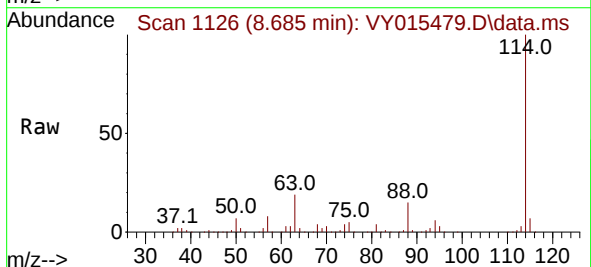
Tgt Ion: 65 Resp: 99510
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

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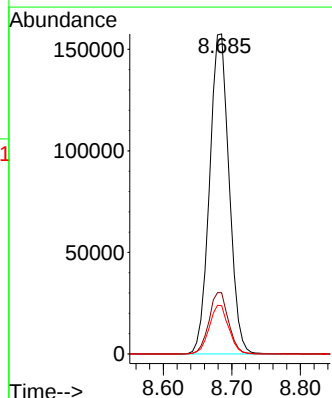
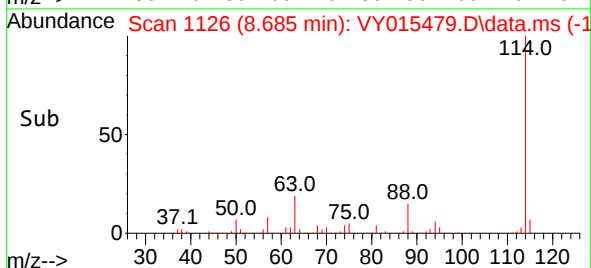
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



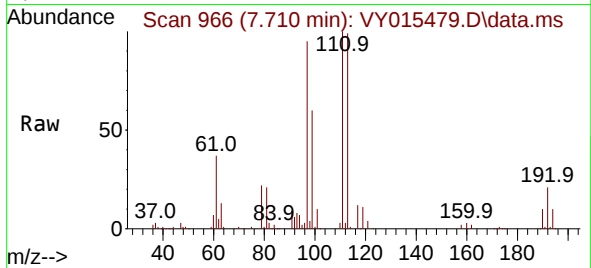
Tgt Ion:114 Resp: 311671
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.844 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

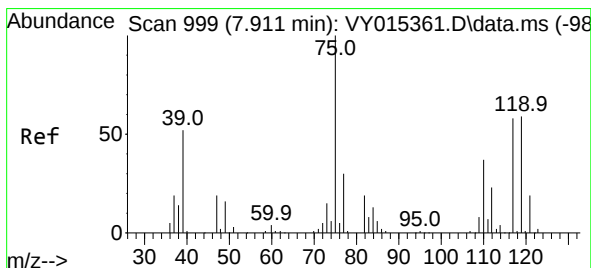
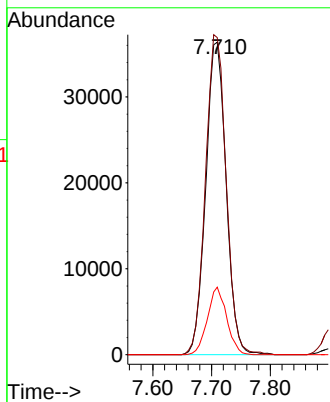
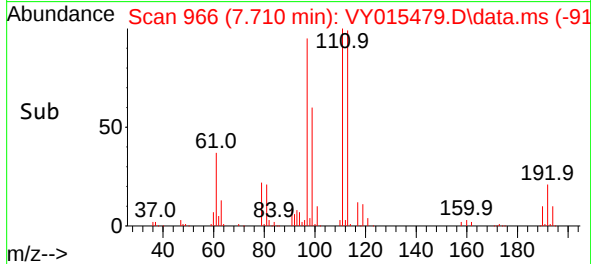
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



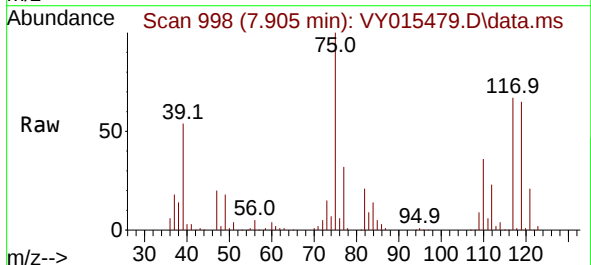
Tgt Ion: 113 Resp: 87682
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.4 16.9 25.3

Manual Integrations
APPROVED

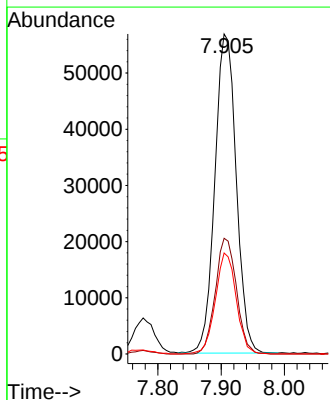
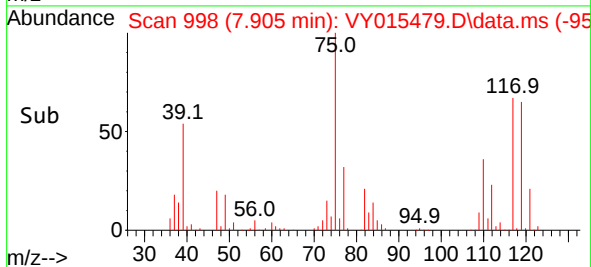
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

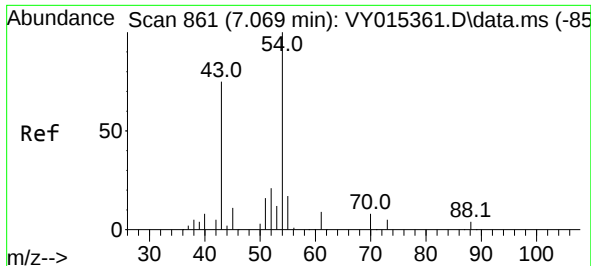


#36
1,1-Dichloropropene
Concen: 42.245 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion: 75 Resp: 133159
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 49.028 ug/l

RT: 7.063 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11918

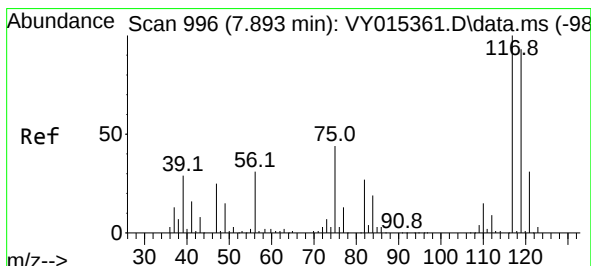
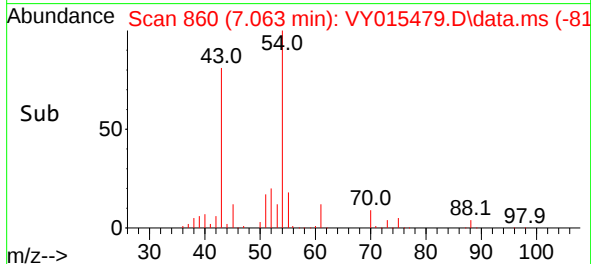
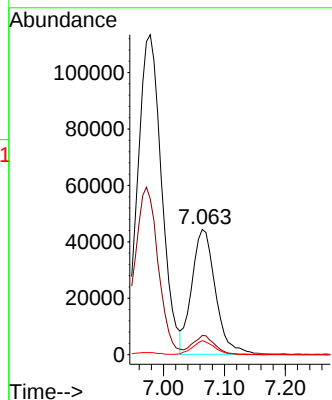
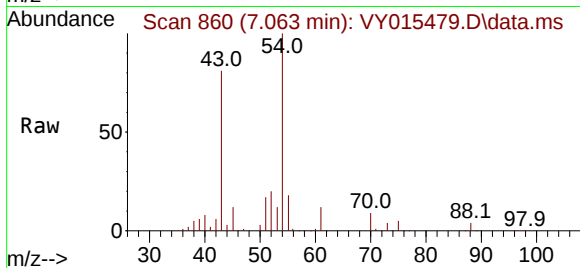
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.1	15.1
70	10.5	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Carbon Tetrachloride

Concen: 44.299 ug/l

RT: 7.886 min Scan# 995

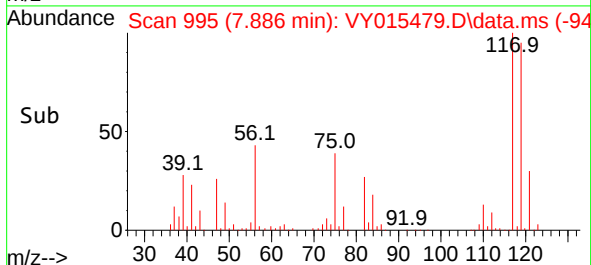
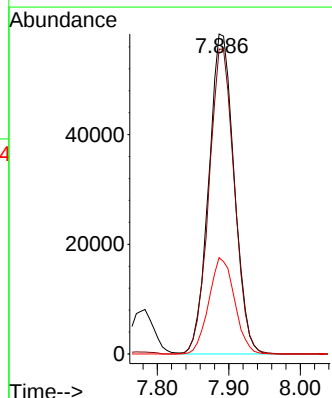
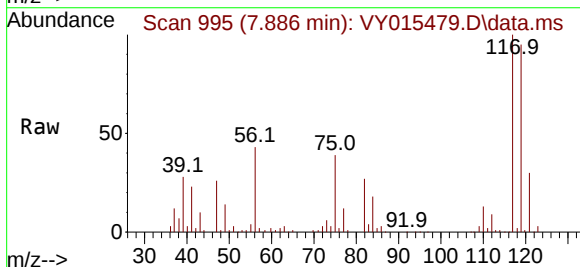
Delta R.T. -0.006 min

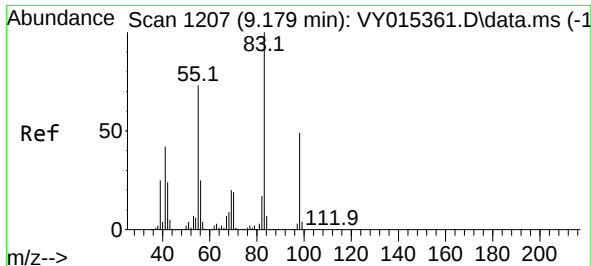
Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Tgt Ion:117 Resp: 144217

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 39.756 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15776

Ion Ratio Lower Upper

83 100

55 73.7 63.0 94.4

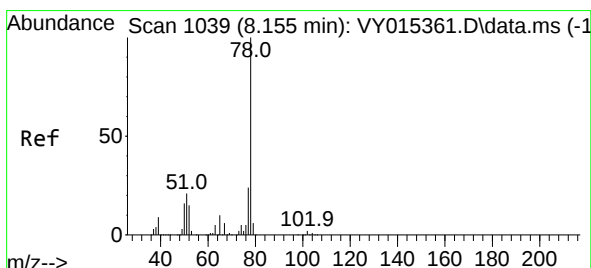
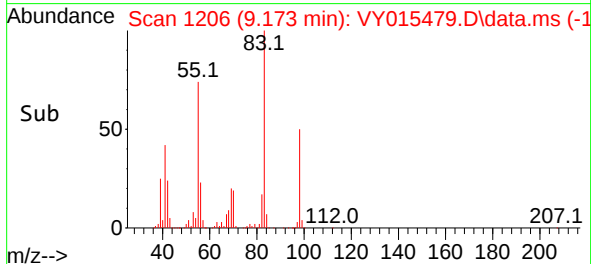
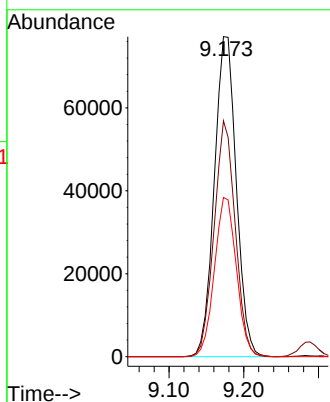
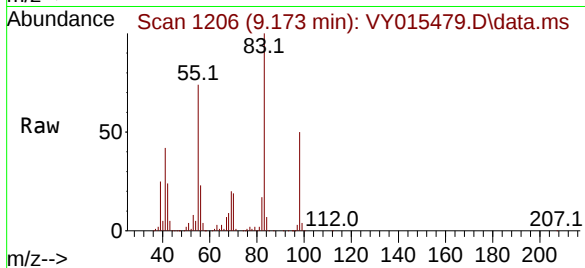
98 49.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Benzene

Concen: 44.882 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015479.D

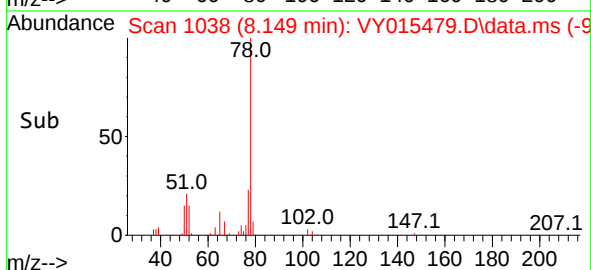
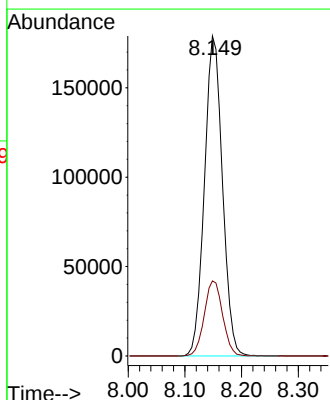
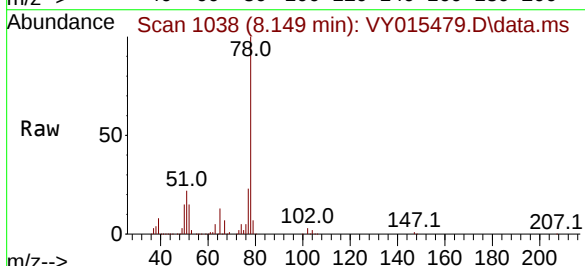
Acq: 07 Sep 2023 20:10

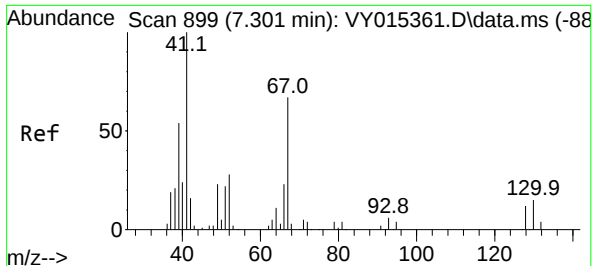
Tgt Ion: 78 Resp: 394709

Ion Ratio Lower Upper

78 100

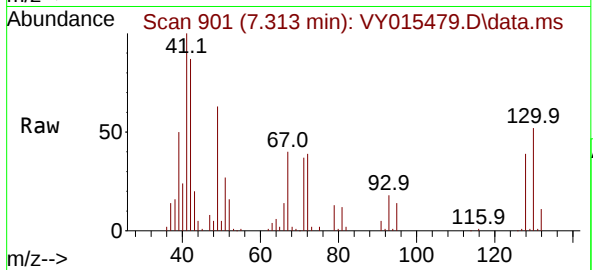
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 58.816 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

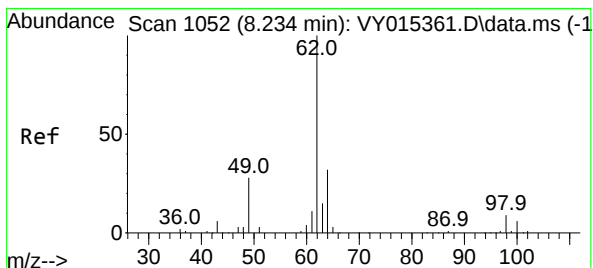
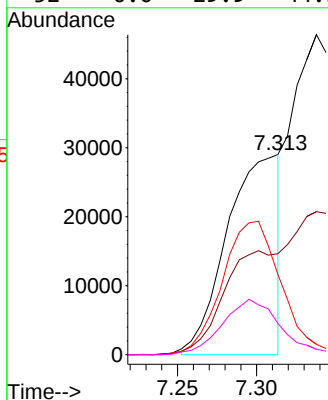
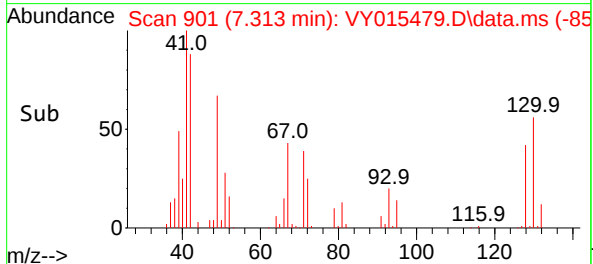
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6705
Ion Ratio Lower Upper
41 100
39 133.1 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

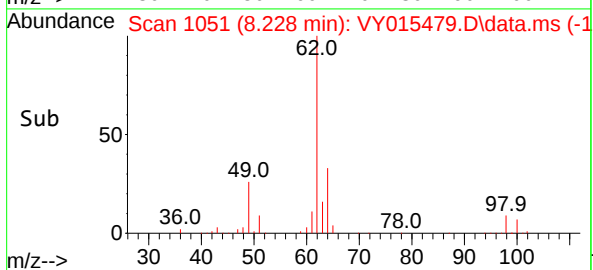
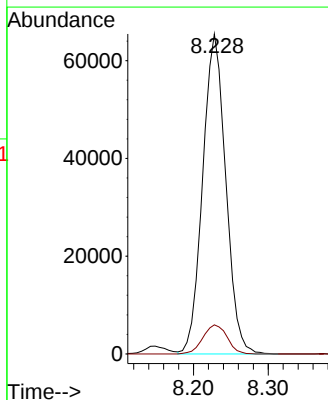
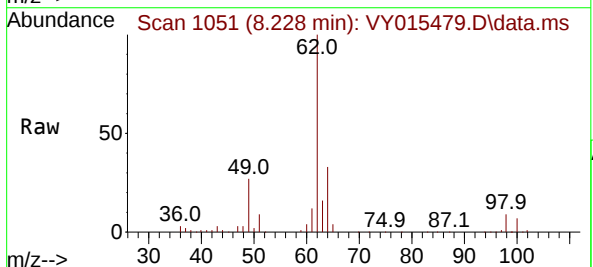
Manual Integrations
APPROVED

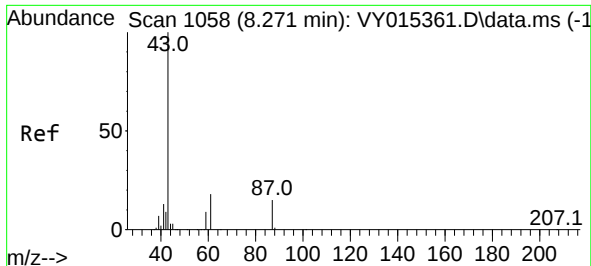
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
1,2-Dichloroethane
Concen: 47.833 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

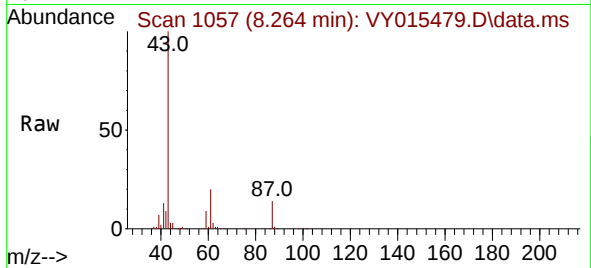
Tgt Ion: 62 Resp: 140271
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.398 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

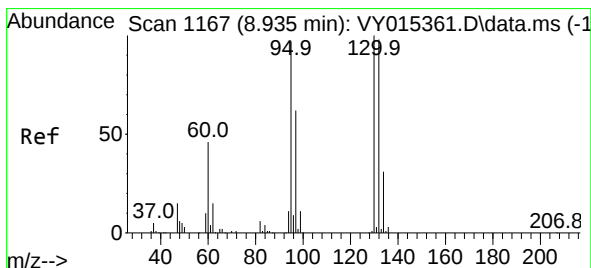
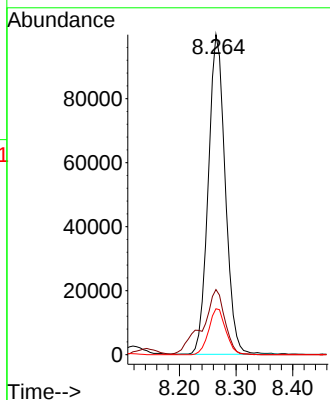
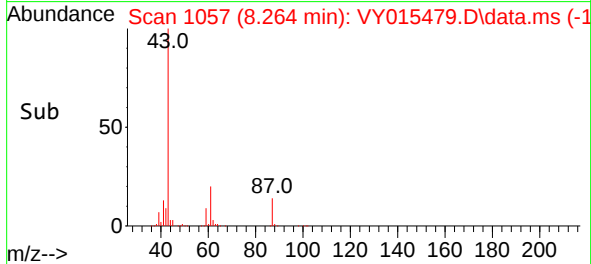
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 207659
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 14.5 9.8 14.8

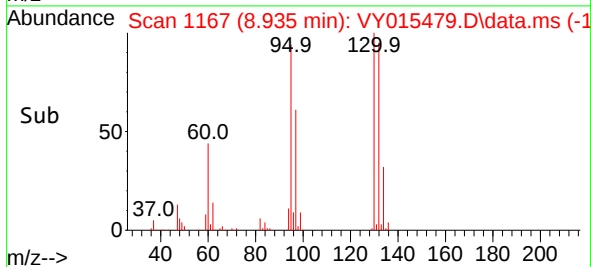
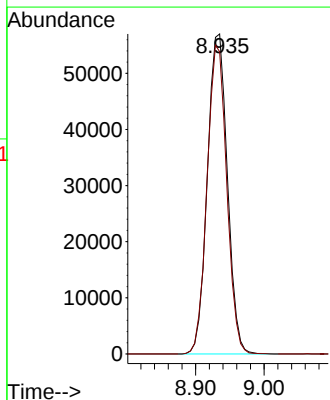
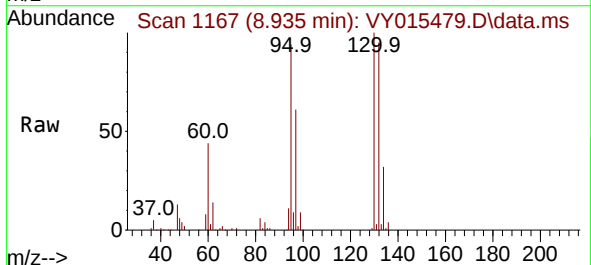
Manual Integrations
APPROVED

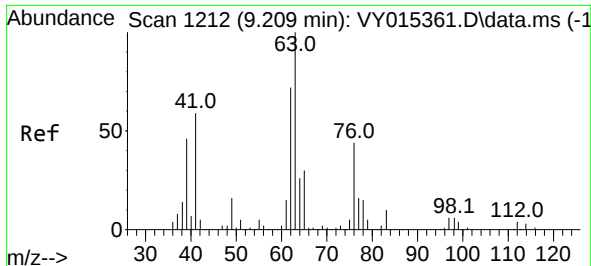
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#44
Trichloroethene
Concen: 46.488 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

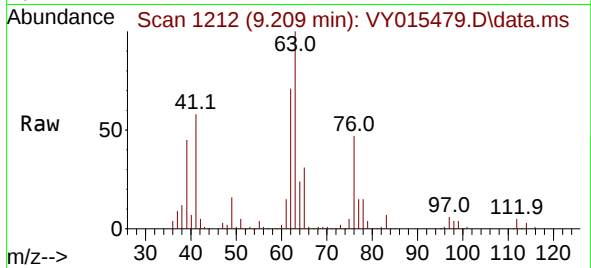
Tgt Ion:130 Resp: 115672
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.0





#45
1,2-Dichloropropane
Concen: 45.580 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

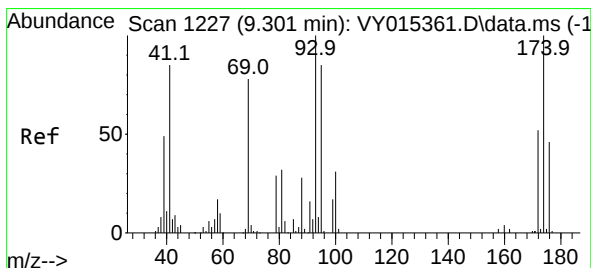
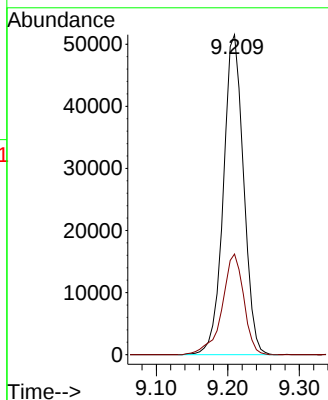
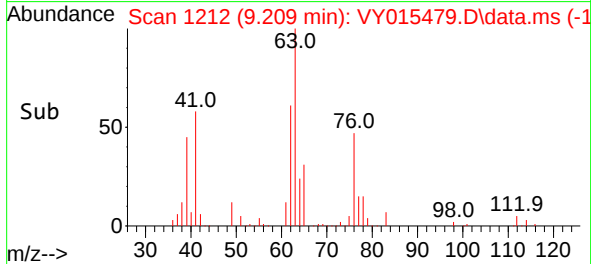
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



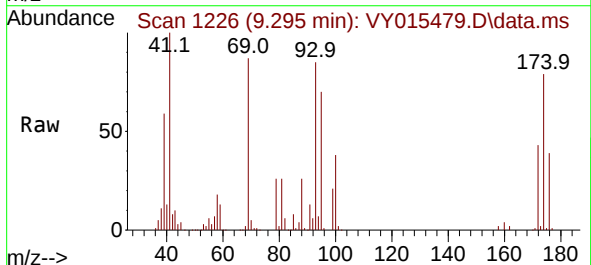
Tgt Ion: 63 Resp: 101048
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6

Manual Integrations
APPROVED

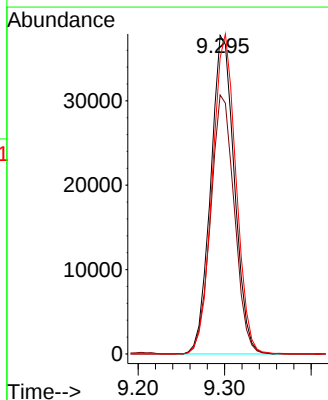
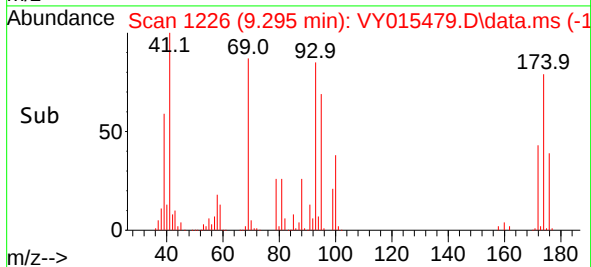
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

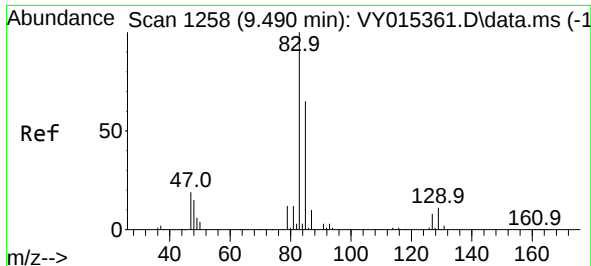


#46
Dibromomethane
Concen: 48.737 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



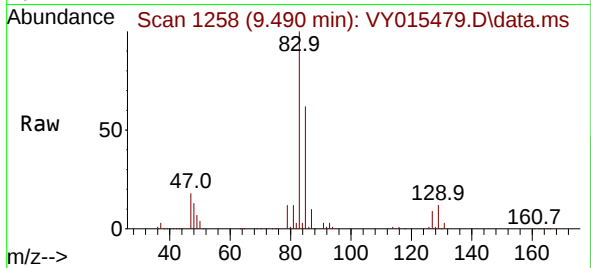
Tgt Ion: 93 Resp: 71772
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 100.2 84.8 127.2





#47
Bromodichloromethane
Concen: 48.492 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

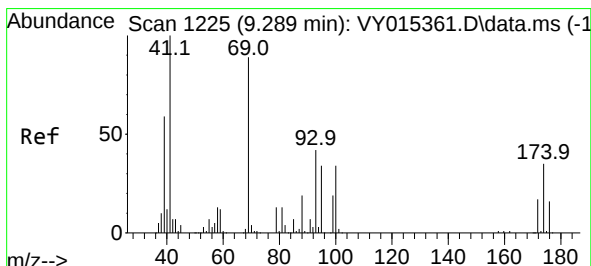
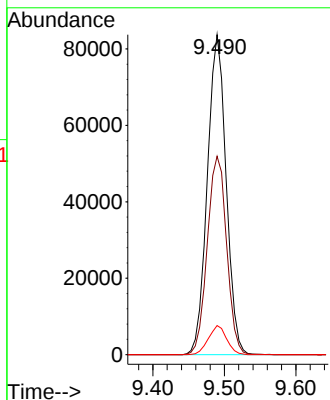
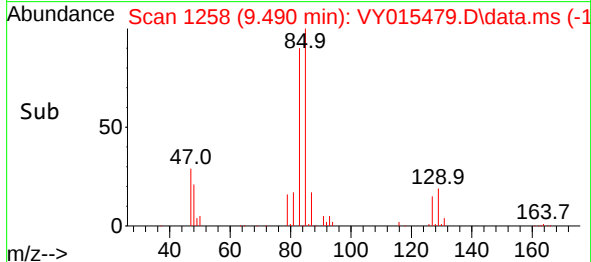
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



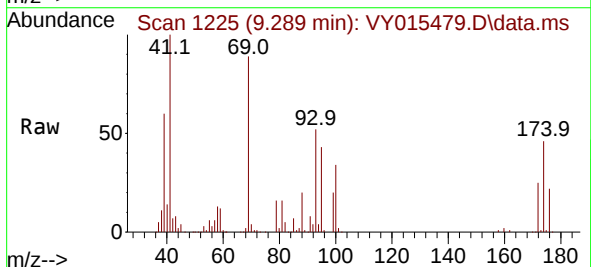
Tgt Ion: 83 Resp: 15271
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 9.1 7.1 10.7

Manual Integrations
APPROVED

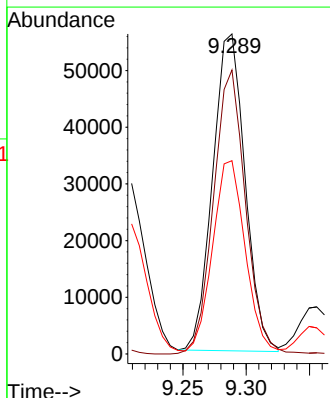
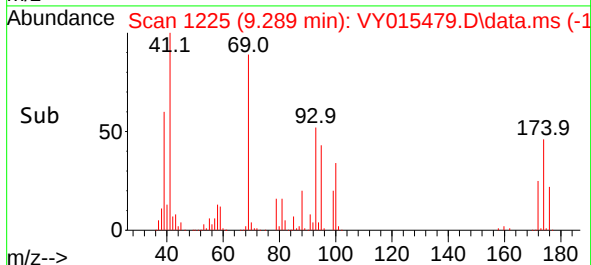
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

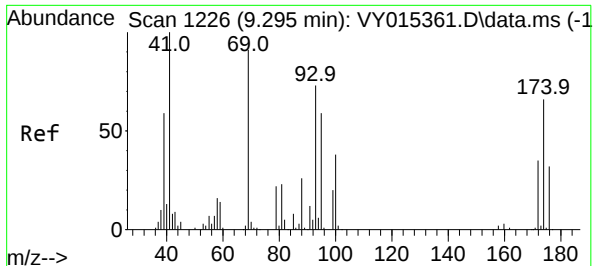


#48
Methyl methacrylate
Concen: 51.544 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion: 41 Resp: 99416
Ion Ratio Lower Upper
41 100
69 88.9 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1139.710 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

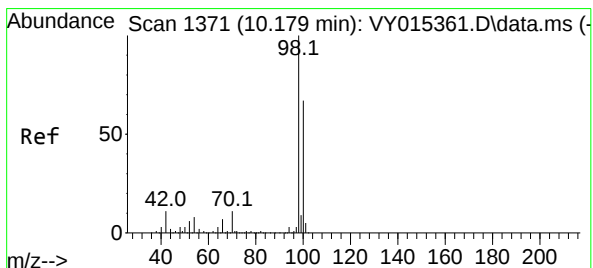
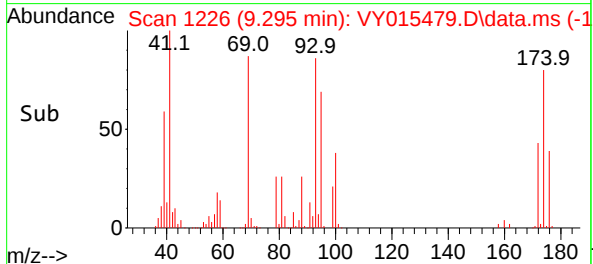
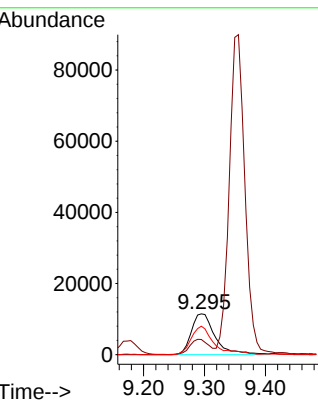
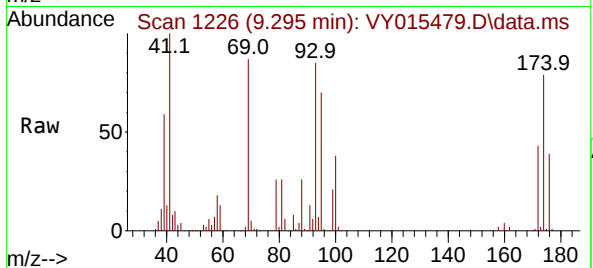
Tgt Ion: 88 Resp: 31179
 Ion Ratio Lower Upper
 88 100
 43 28.7 0.0 0.0
 58 66.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#50

Toluene-d8

Concen: 46.615 ug/l

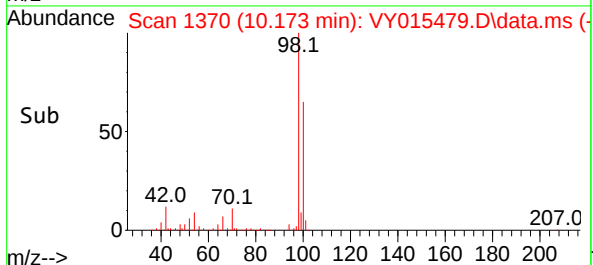
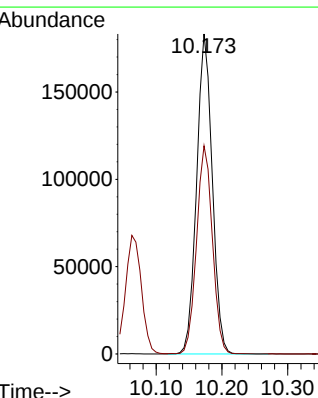
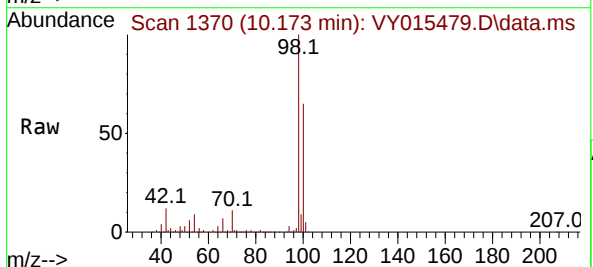
RT: 10.173 min Scan# 1370

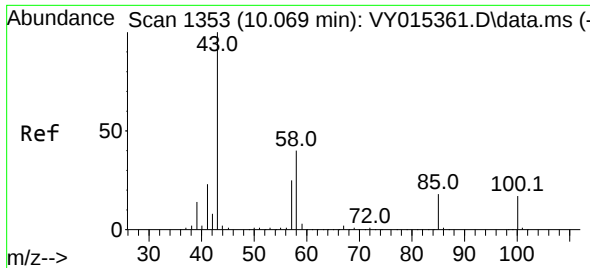
Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Tgt Ion: 98 Resp: 303039
 Ion Ratio Lower Upper
 98 100
 100 66.1 50.1 75.1





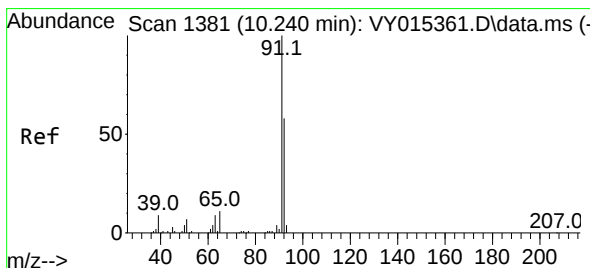
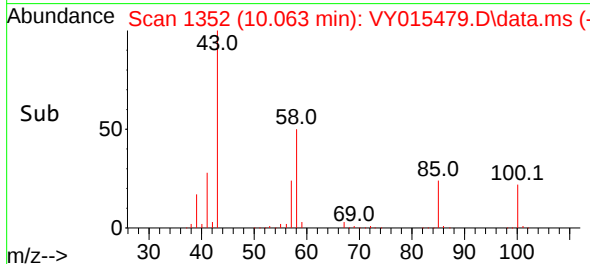
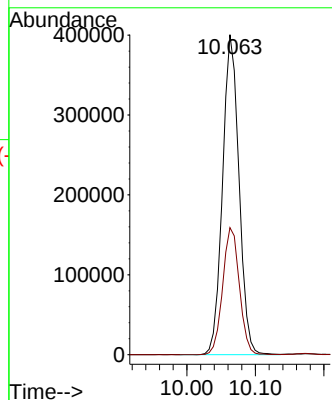
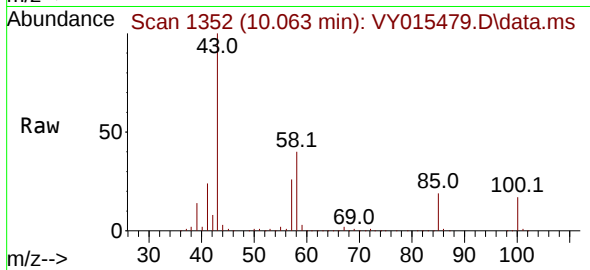
#51
4-Methyl-2-Pentanone
Concen: 272.086 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 66480
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6

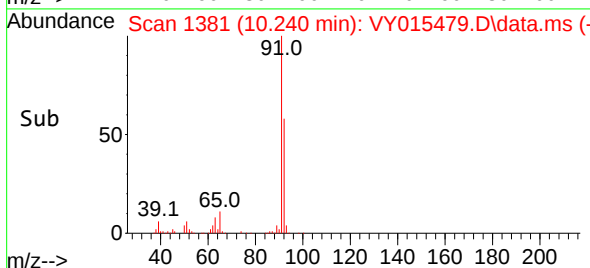
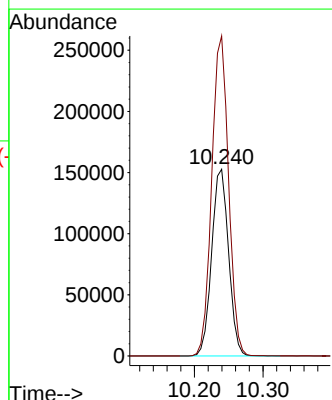
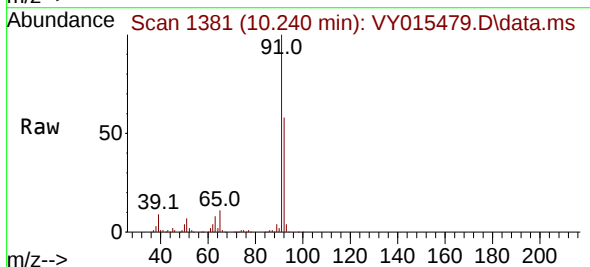
Manual Integrations
APPROVED

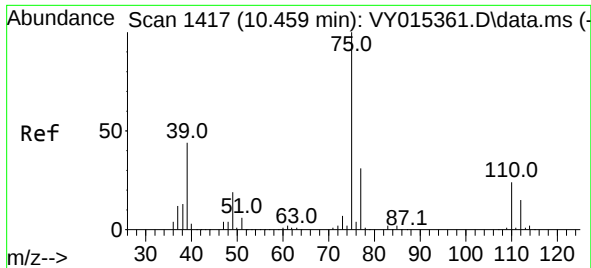
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
Toluene
Concen: 46.362 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

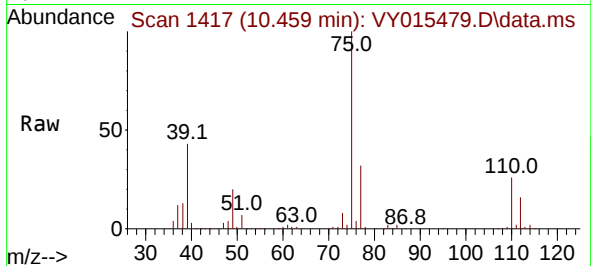
Tgt Ion: 92 Resp: 261326
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 46.028 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

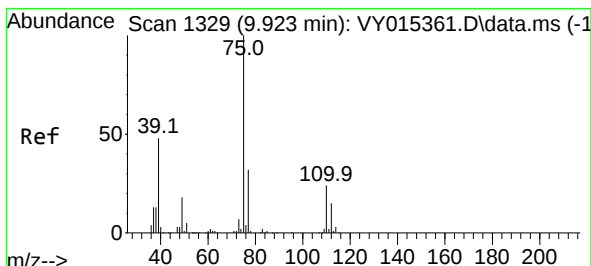
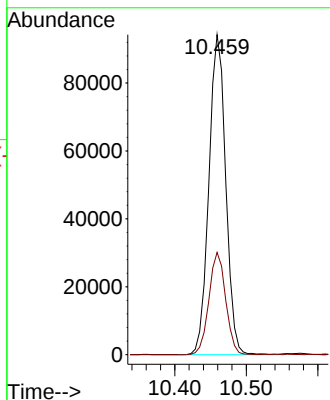
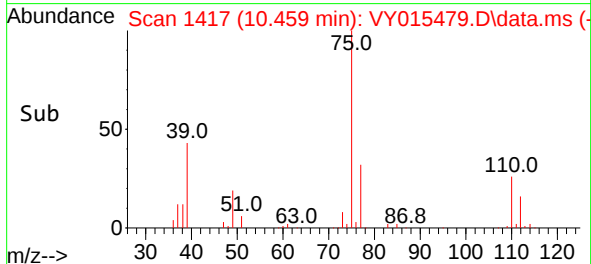
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 154052
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

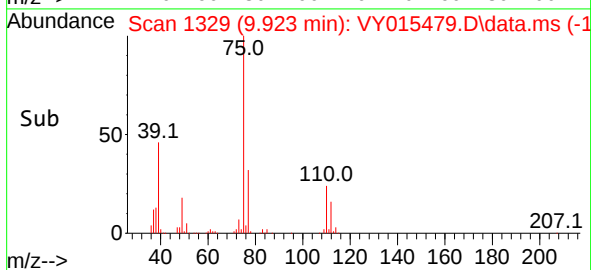
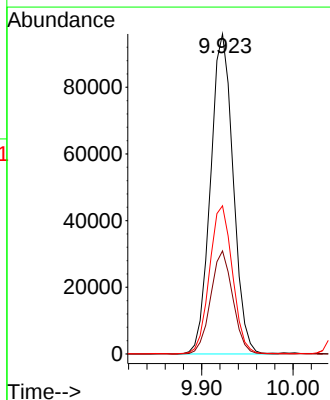
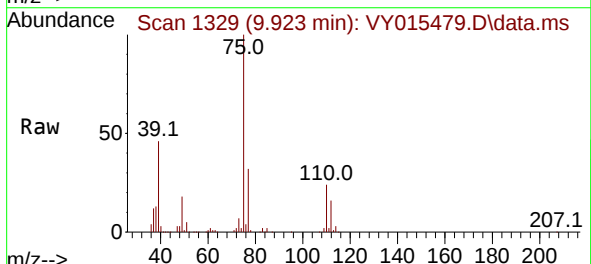
Manual Integrations
APPROVED

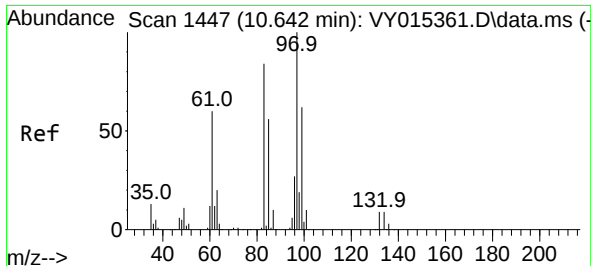
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#54
cis-1,3-Dichloropropene
Concen: 45.321 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

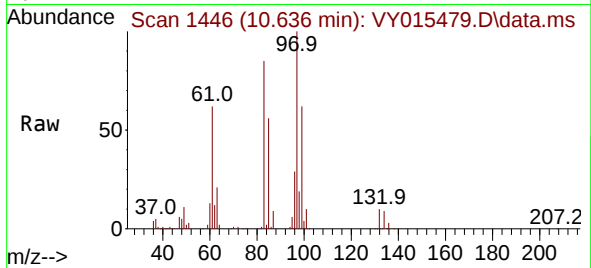
Tgt Ion: 75 Resp: 165003
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 46.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 49.996 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

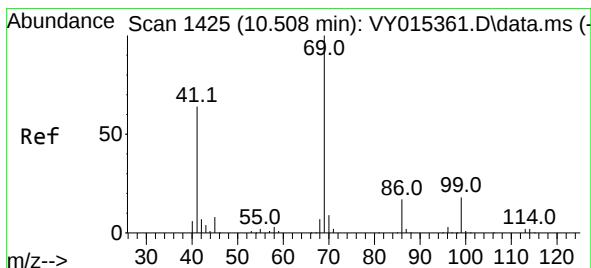
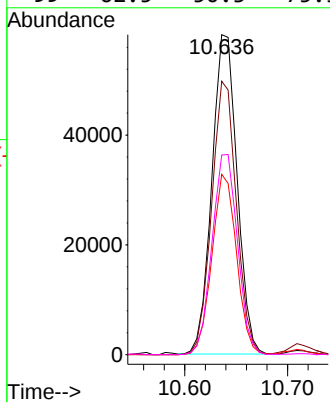
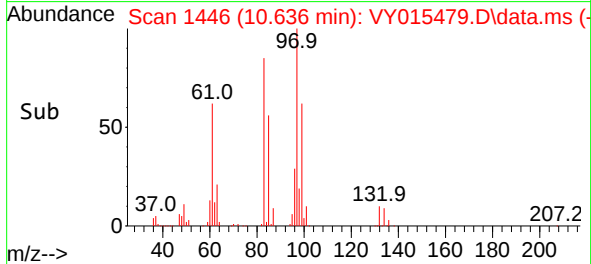
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	99204
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	56.4	45.4	68.0
99	62.5	50.3	75.5

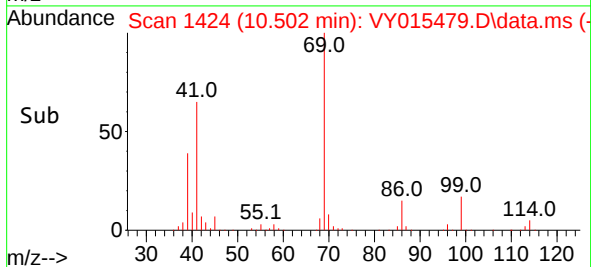
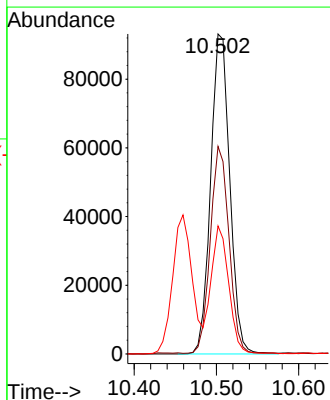
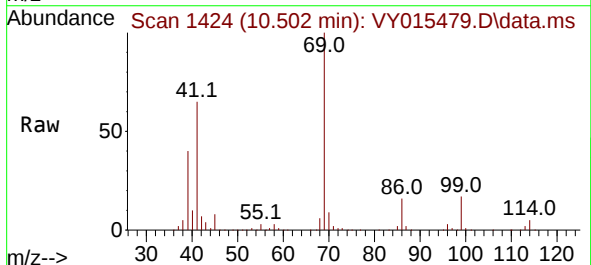
Manual Integrations
APPROVED

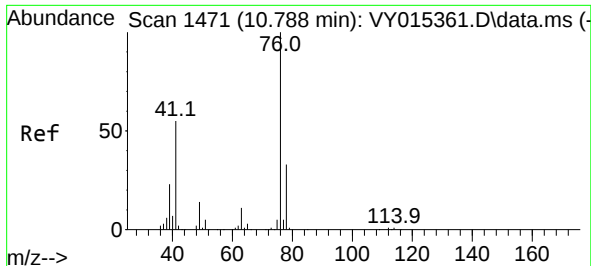
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Ethyl methacrylate
Concen: 51.086 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:	69	Resp:	150215
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.6	86.4
39	36.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.169 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16452

Ion Ratio Lower Upper

76 100

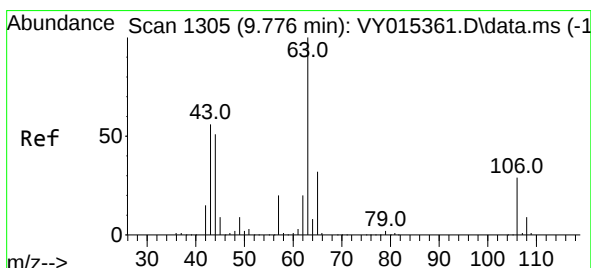
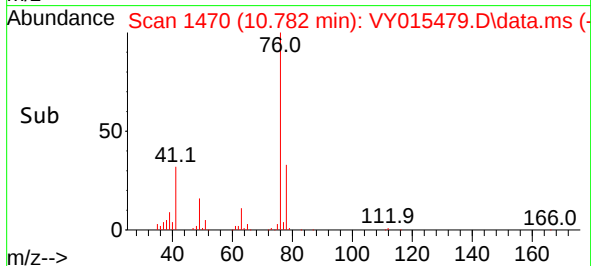
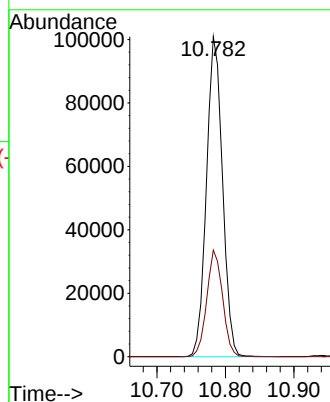
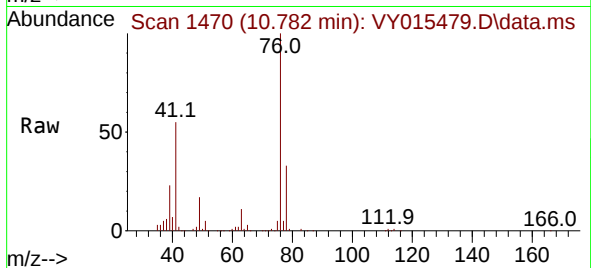
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.740 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015479.D

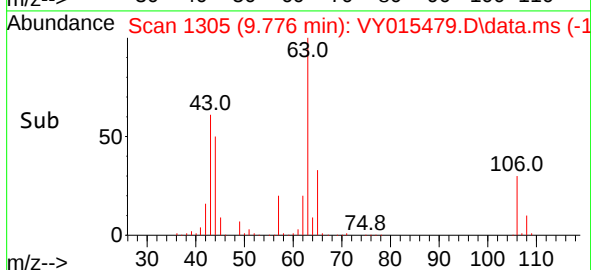
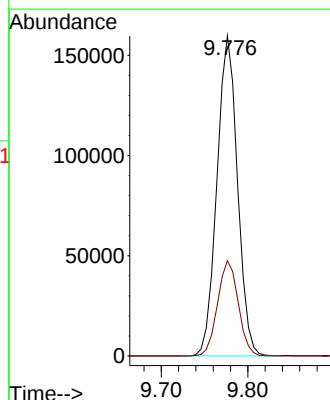
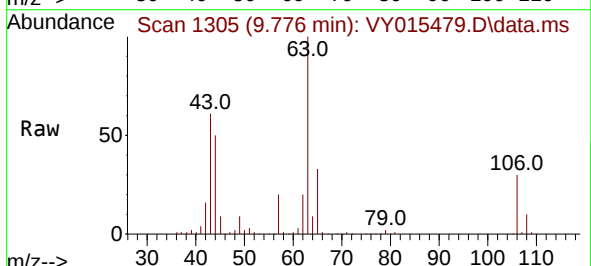
Acq: 07 Sep 2023 20:10

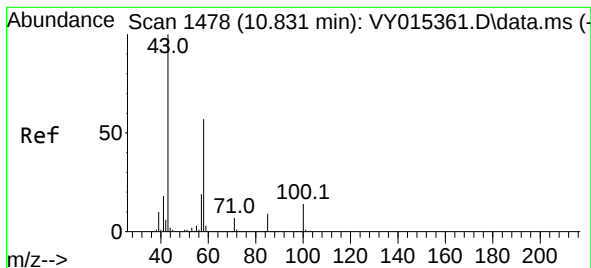
Tgt Ion: 63 Resp: 263162

Ion Ratio Lower Upper

63 100

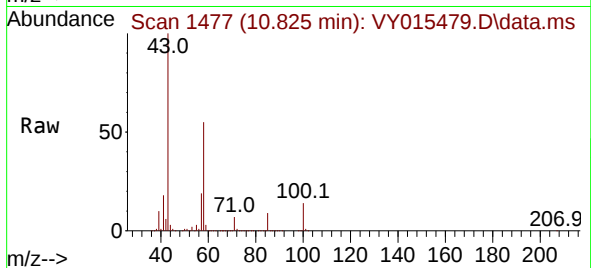
106 29.9 21.2 31.8





#59
2-Hexanone
Concen: 272.926 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

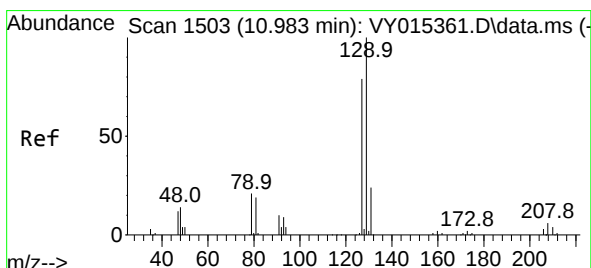
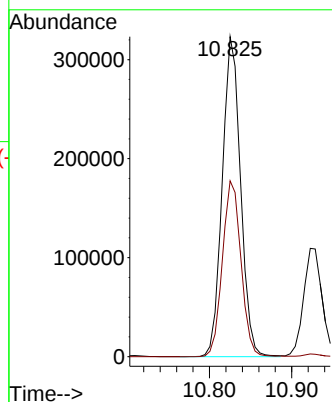
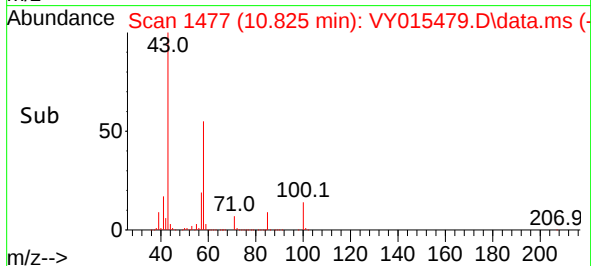
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



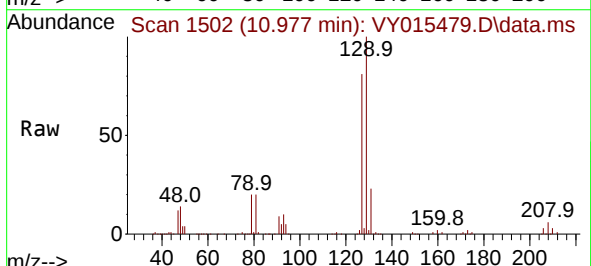
Tgt Ion: 43 Resp: 500370
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

Manual Integrations
APPROVED

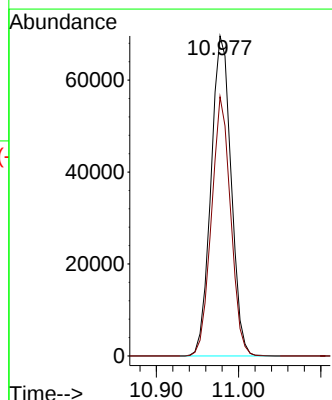
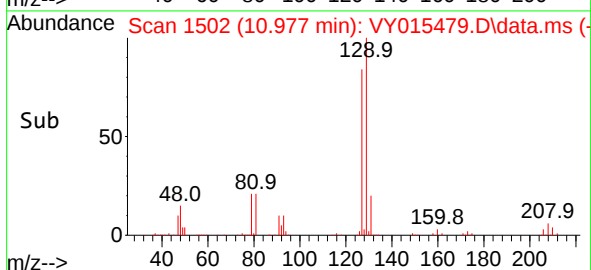
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

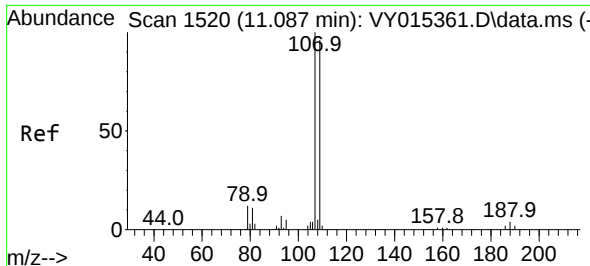


#60
Dibromochloromethane
Concen: 51.010 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



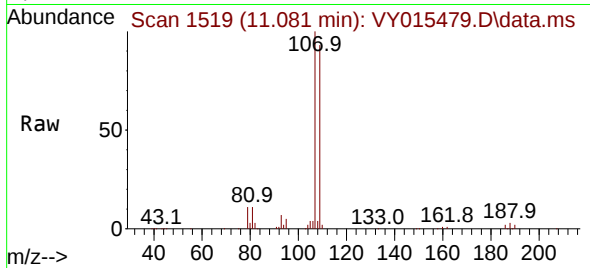
Tgt Ion:129 Resp: 118469
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.603 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

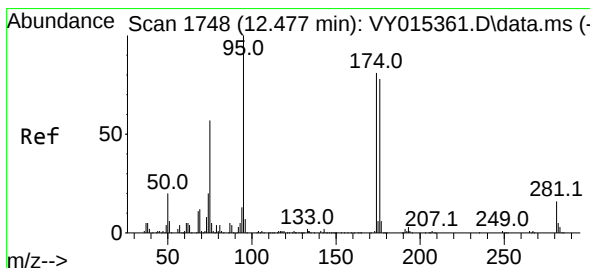
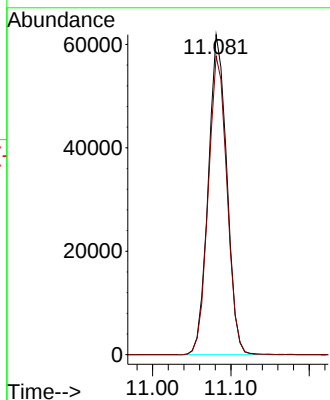
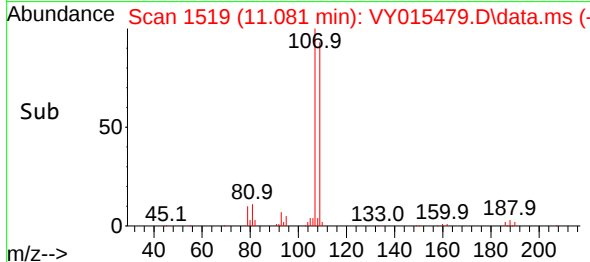
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



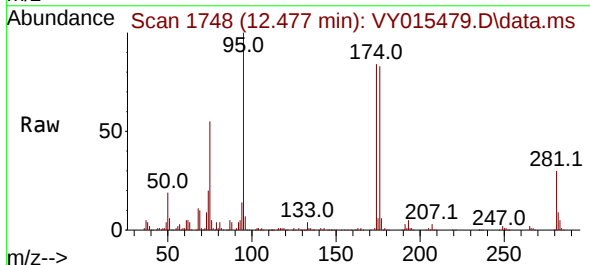
Tgt Ion:107 Resp: 10174
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

Manual Integrations
APPROVED

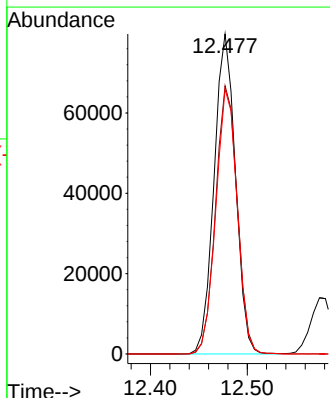
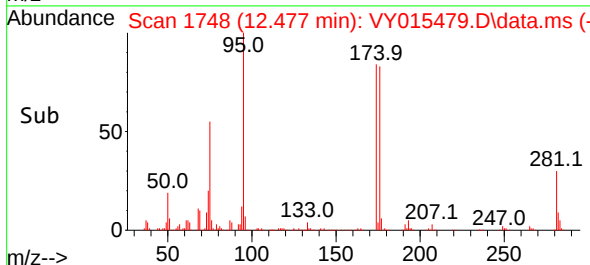
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



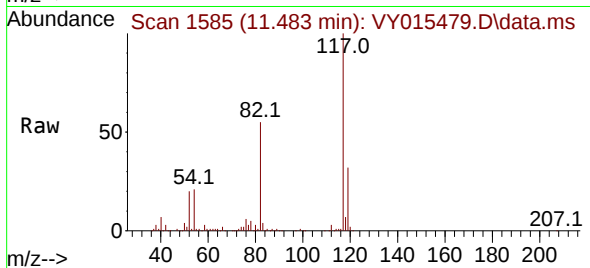
Tgt Ion: 95 Resp: 122280
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

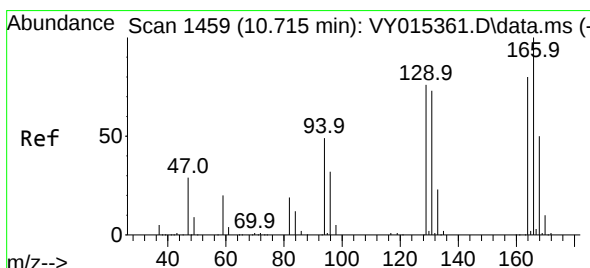
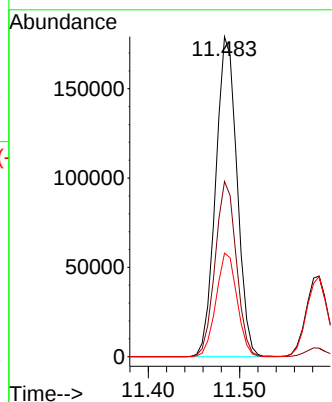
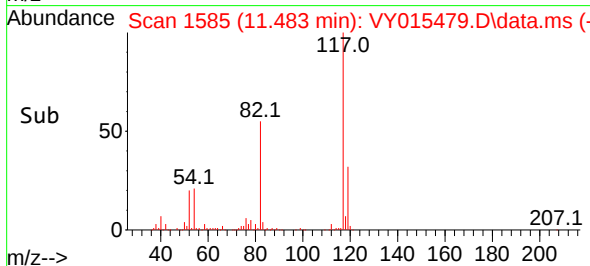
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



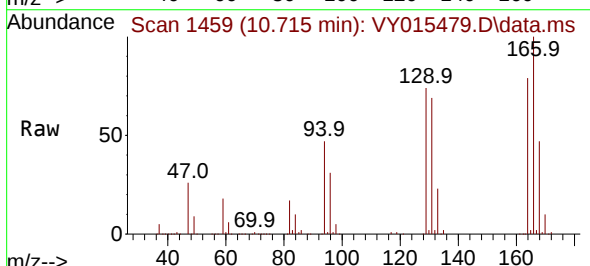
Tgt Ion:117 Resp: 290544
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.4 26.3 39.5

Manual Integrations
APPROVED

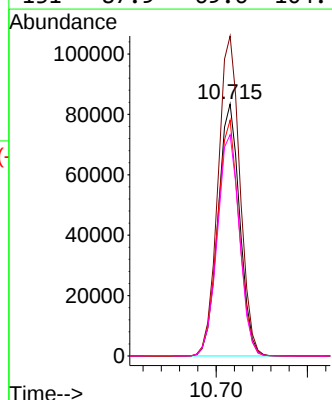
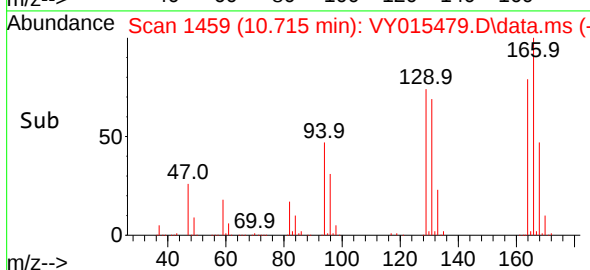
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

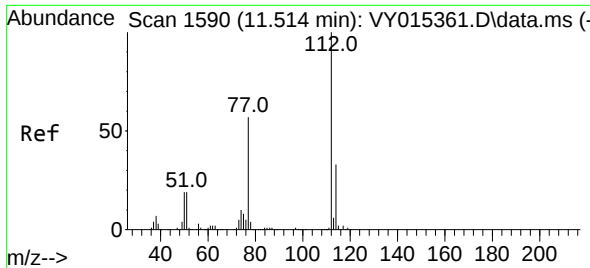


#64
Tetrachloroethene
Concen: 52.303 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion:164 Resp: 137931
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 93.6 77.2 115.8
131 87.9 69.6 104.4





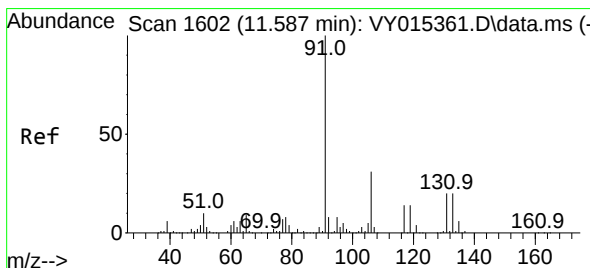
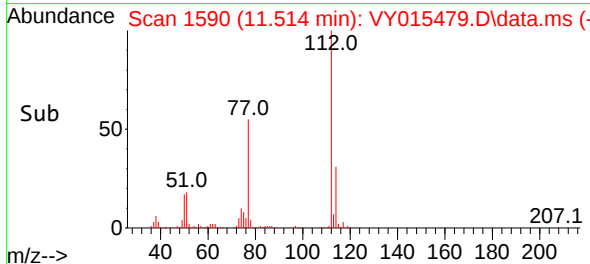
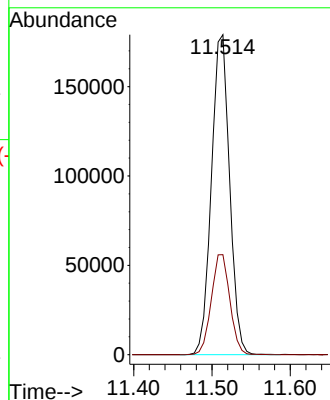
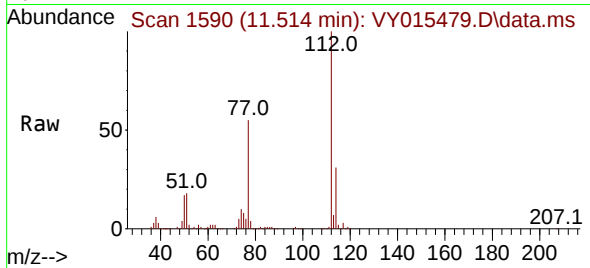
#65
Chlorobenzene
Concen: 46.063 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 288394
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

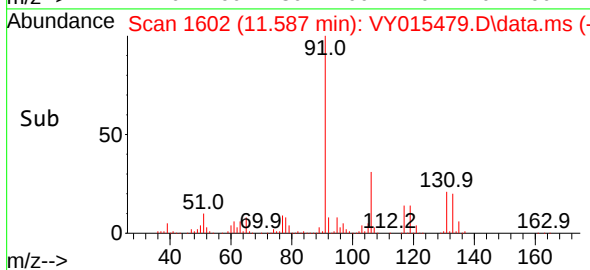
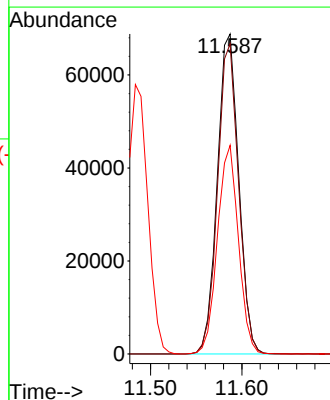
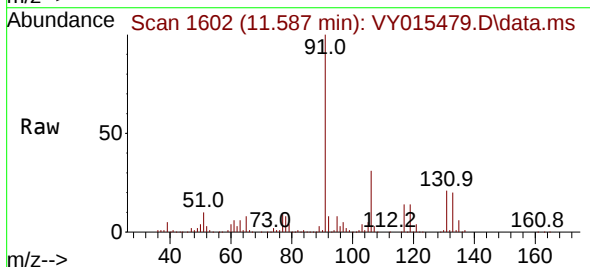
Manual Integrations
APPROVED

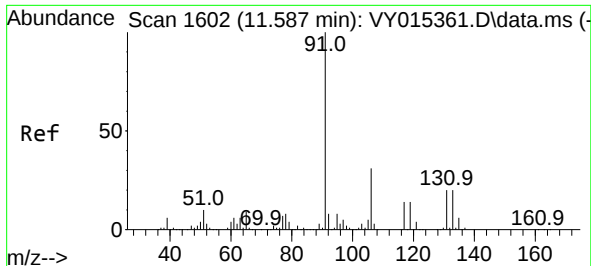
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.948 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

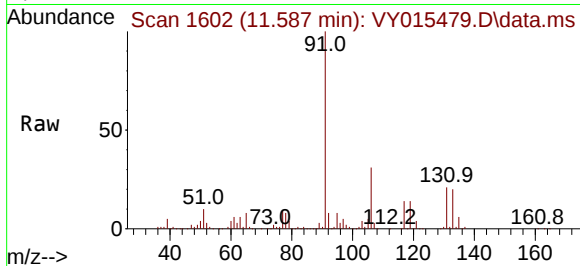
Tgt Ion:131 Resp: 112168
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.9 31.6 94.7





#67
Ethyl Benzene
Concen: 44.782 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

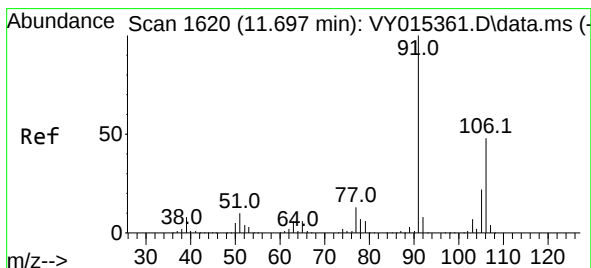
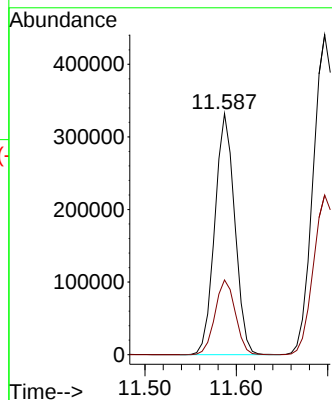
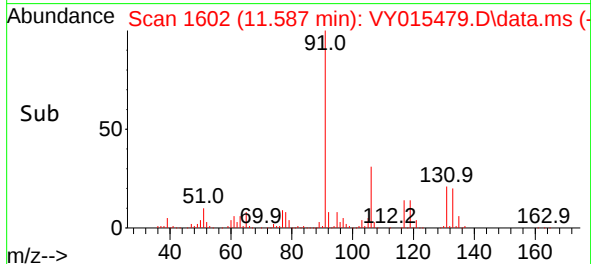
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 50344
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

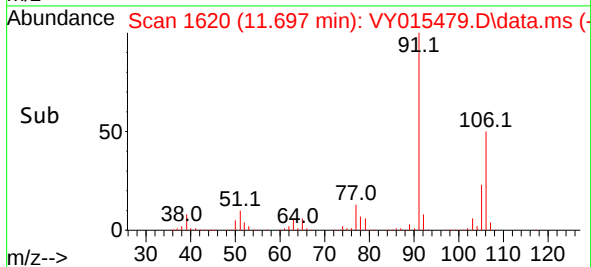
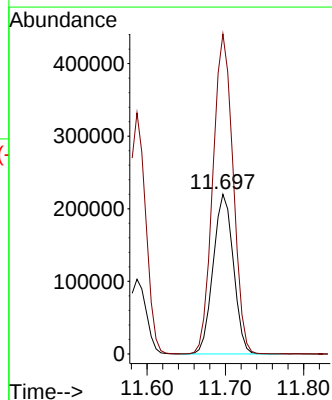
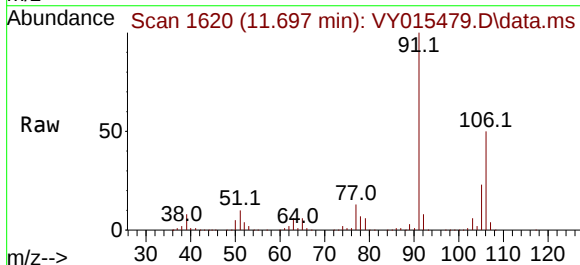
Manual Integrations
APPROVED

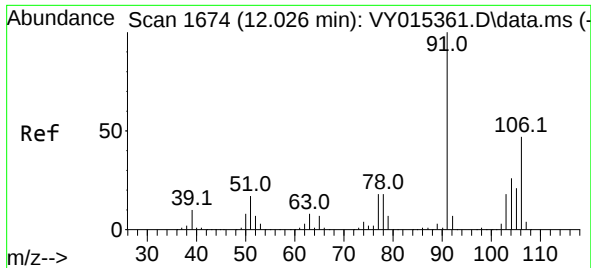
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#68
m/p-Xylenes
Concen: 90.539 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:106 Resp: 394538
Ion Ratio Lower Upper
106 100
91 200.4 166.1 249.1





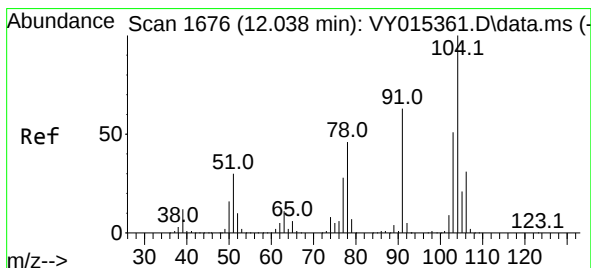
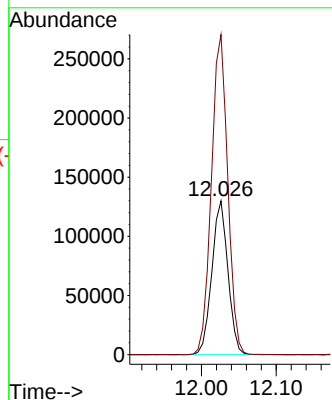
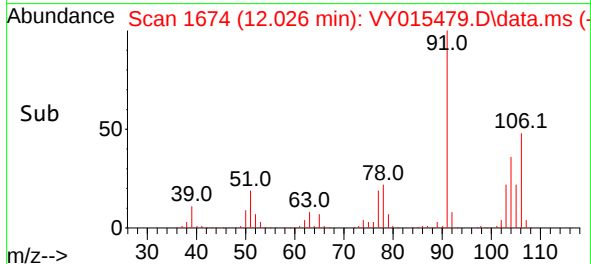
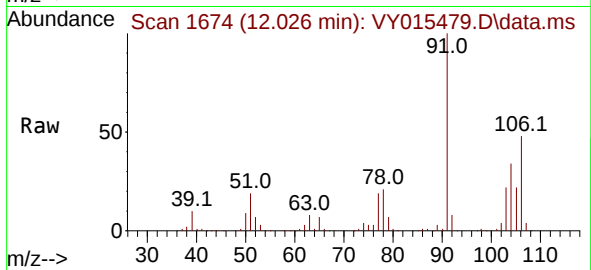
#69
o-Xylene
Concen: 46.589 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 194025
Ion Ratio Lower Upper
106 100
91 211.7 108.1 324.3

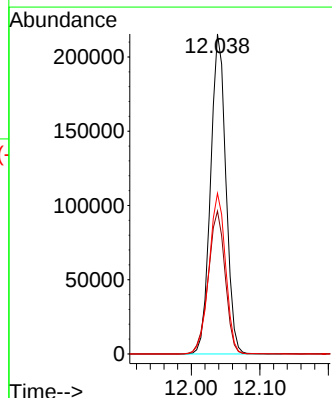
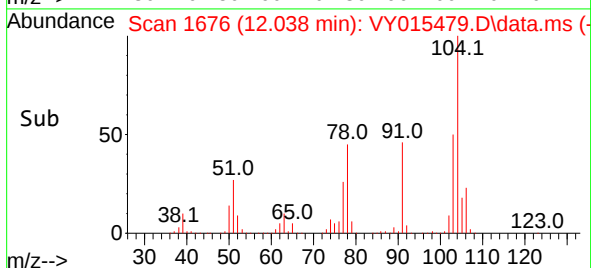
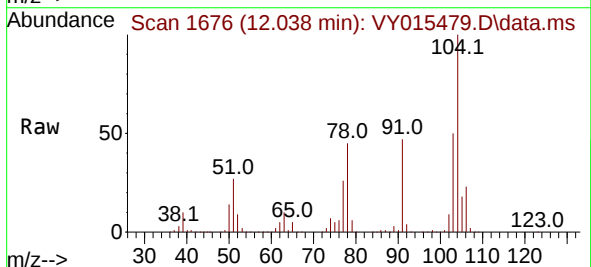
Manual Integrations
APPROVED

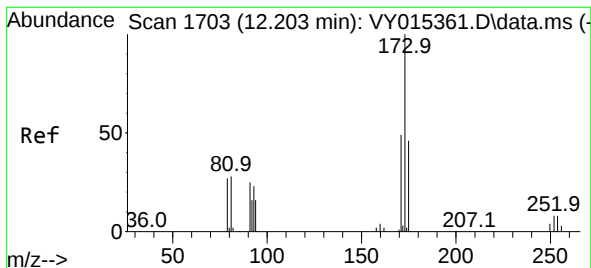
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Styrene
Concen: 47.882 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:104 Resp: 335288
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 53.908 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

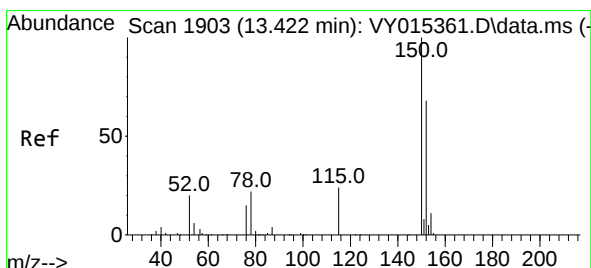
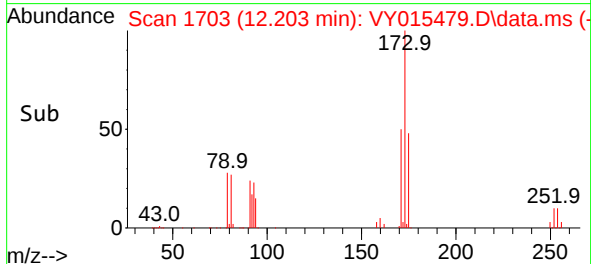
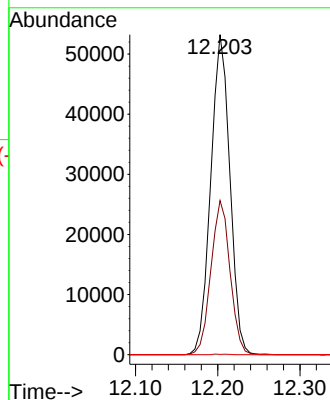
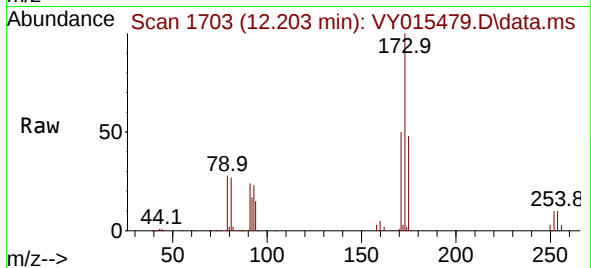
Tgt Ion:173	Resp:	8617
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.1	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

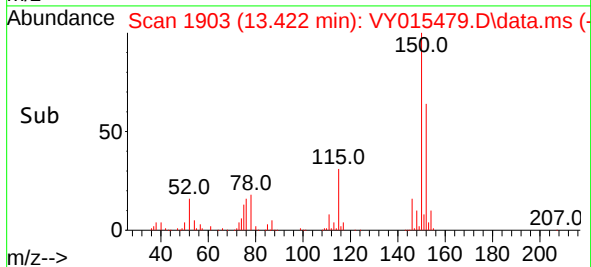
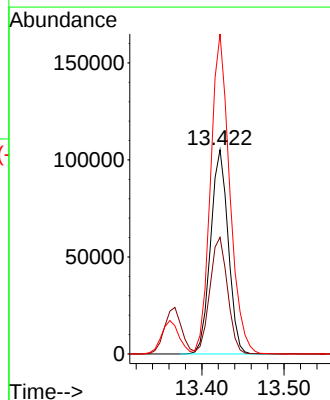
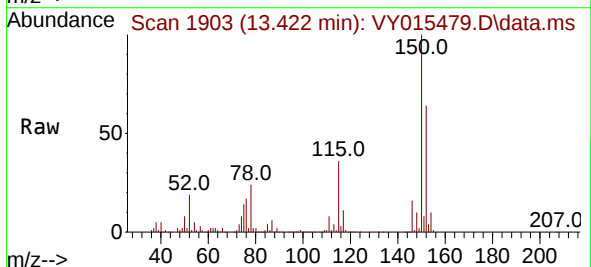
RT: 13.422 min Scan# 1903

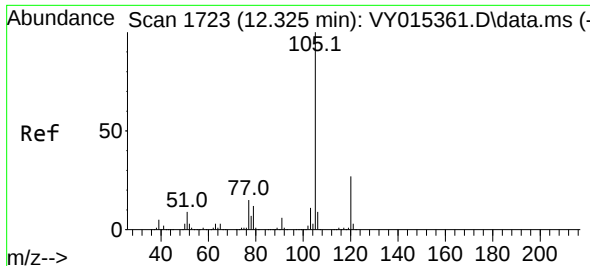
Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

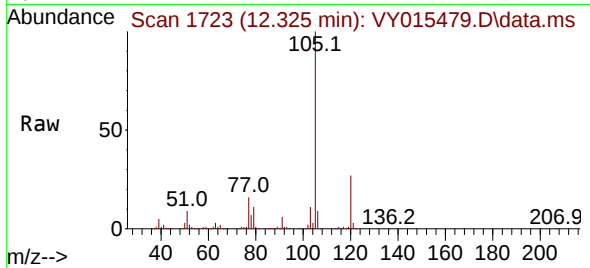
Tgt Ion:152	Resp:	156591
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.8 86.5
150	170.4	0.0 348.8





#73
Isopropylbenzene
Concen: 42.684 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

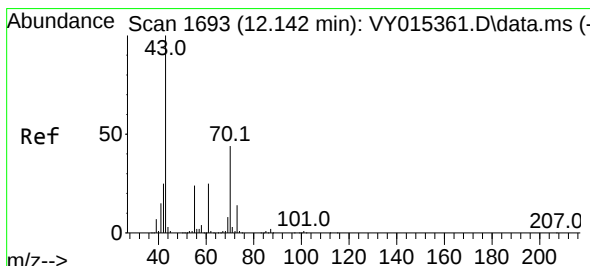
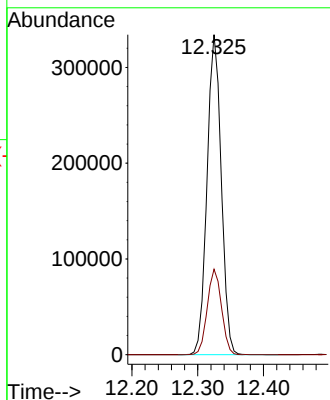
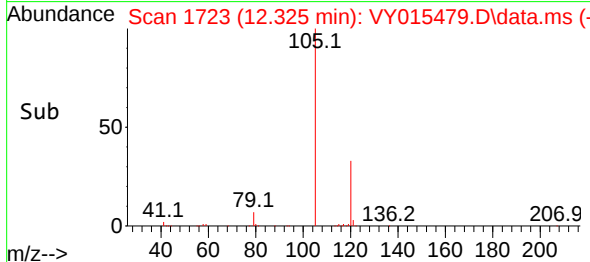
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



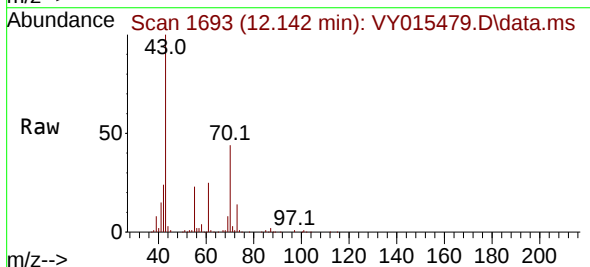
Tgt Ion:105 Resp: 502054
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

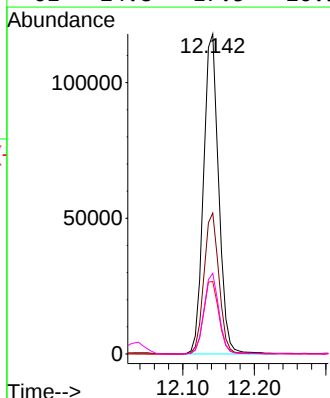
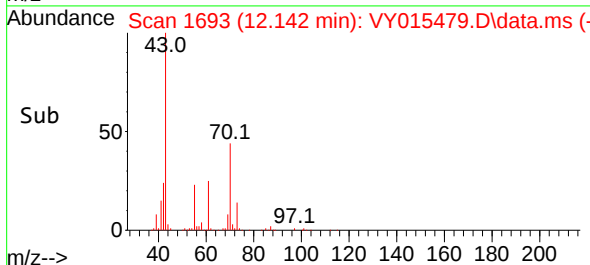
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

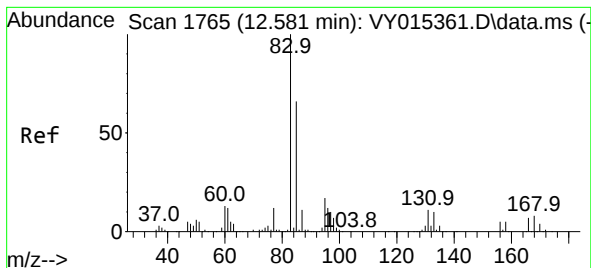


#74
N-ethyl acetate
Concen: 44.016 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion: 43 Resp: 173934
Ion Ratio Lower Upper
43 100
70 43.9 29.7 44.5
55 23.5 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.359 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 130168

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

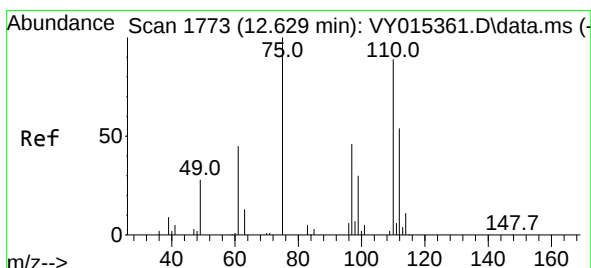
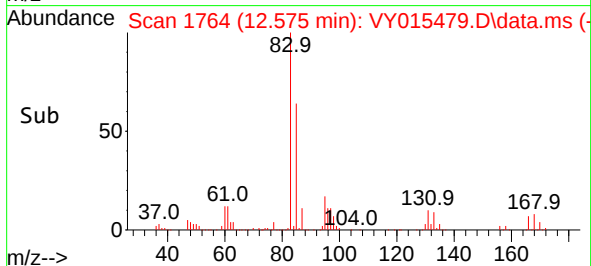
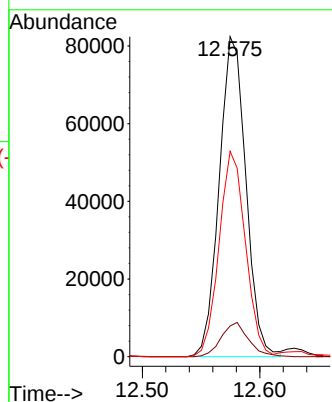
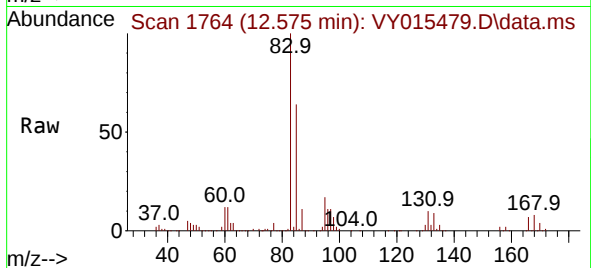
85 63.5 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#76

1,2,3-Trichloropropane

Concen: 55.934 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015479.D

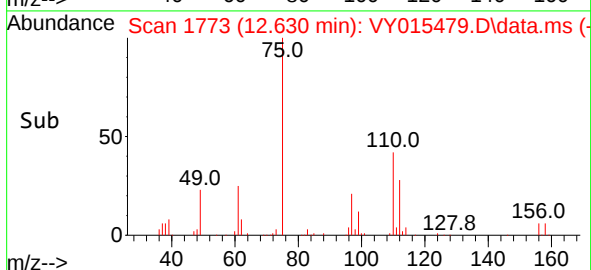
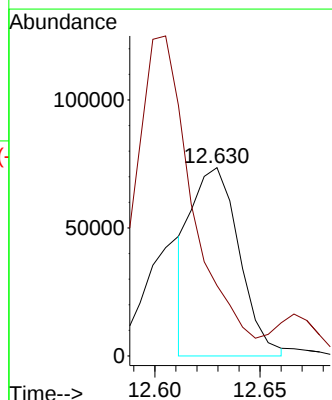
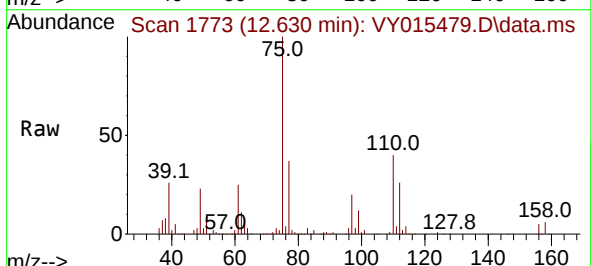
Acq: 07 Sep 2023 20:10

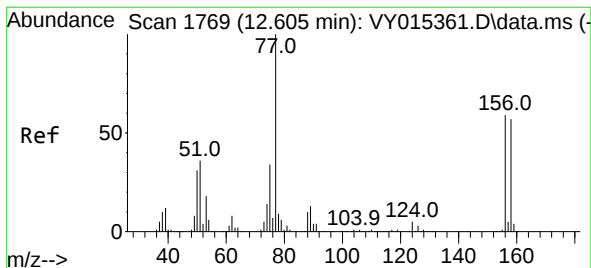
Tgt Ion: 75 Resp: 116151

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.315 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

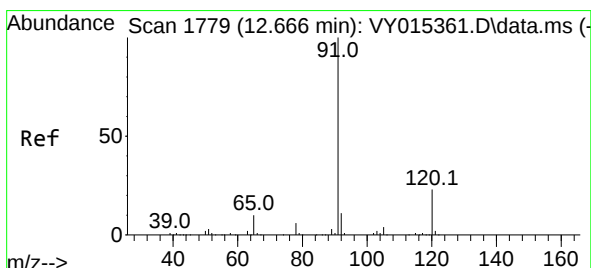
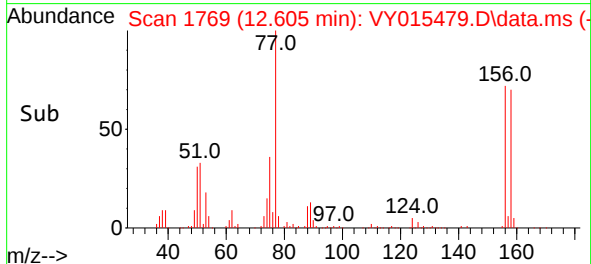
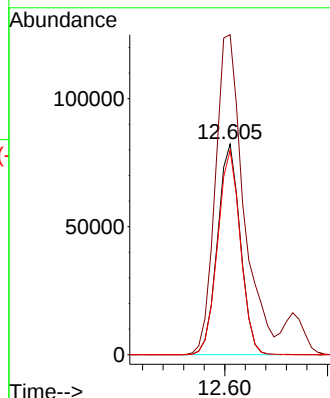
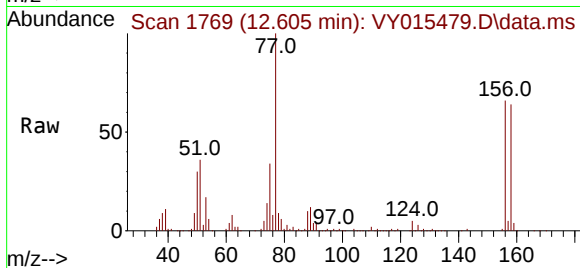
Tgt Ion:	156	Resp:	12623
Ion Ratio	Lower	Upper	
156	100		
77	188.6	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#78

n-propylbenzene

Concen: 42.211 ug/l

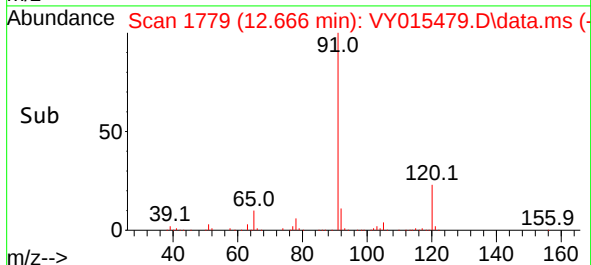
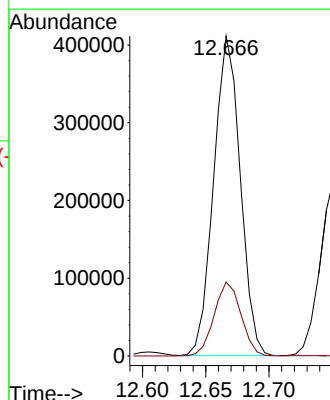
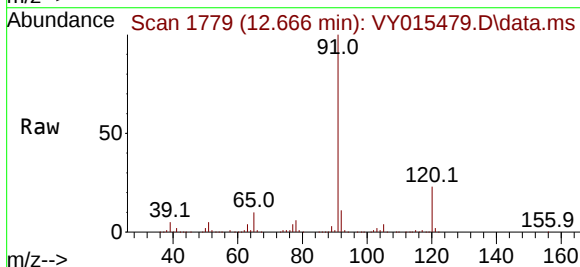
RT: 12.666 min Scan# 1779

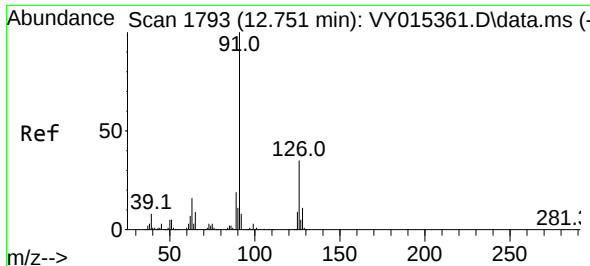
Delta R.T. 0.000 min

Lab File: VY015479.D

Acq: 07 Sep 2023 20:10

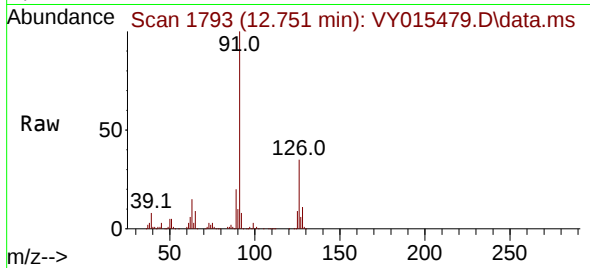
Tgt Ion:	91	Resp:	600770
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 43.240 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

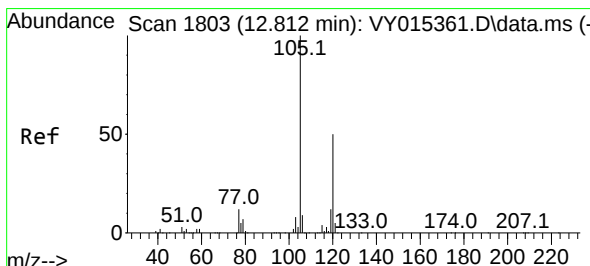
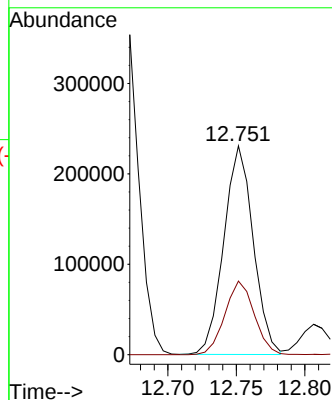
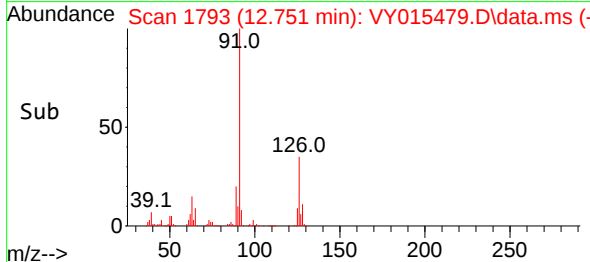
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



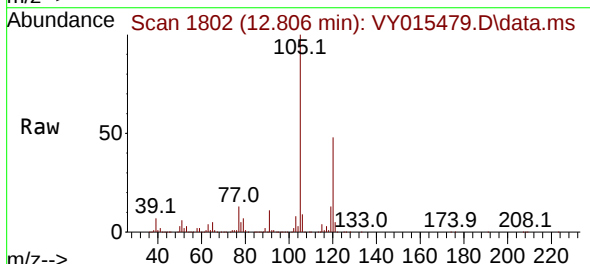
Tgt Ion: 91 Resp: 34517
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

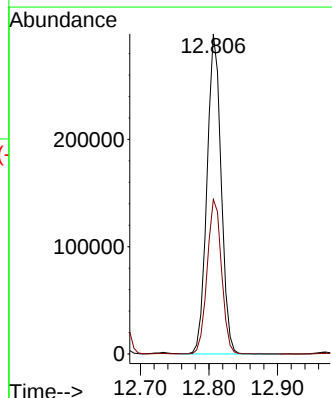
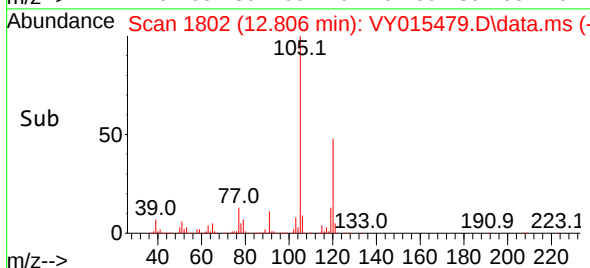
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

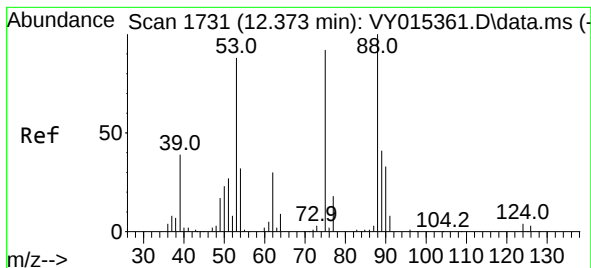


#80
1,3,5-Trimethylbenzene
Concen: 43.523 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion:105 Resp: 428189
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





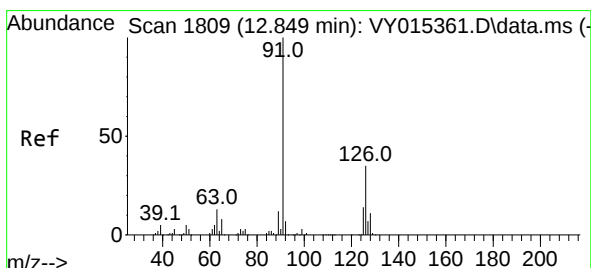
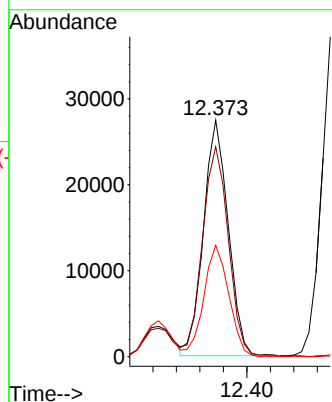
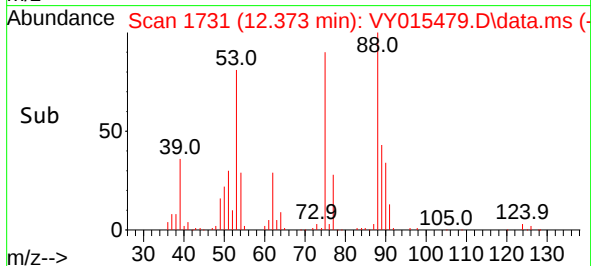
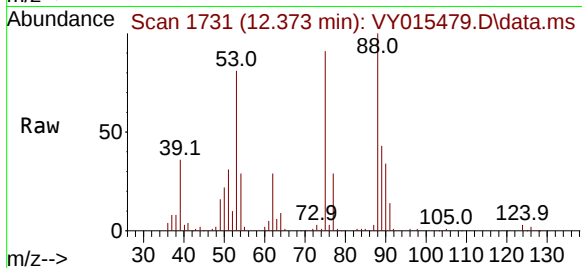
#81
trans-1,4-Dichloro-2-butene
Concen: 42.462 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 39972
Ion Ratio Lower Upper
75 100
53 93.2 77.8 116.8
89 48.1 37.4 56.0

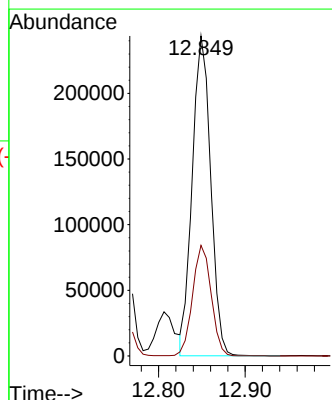
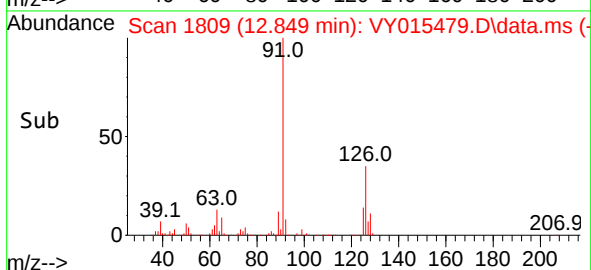
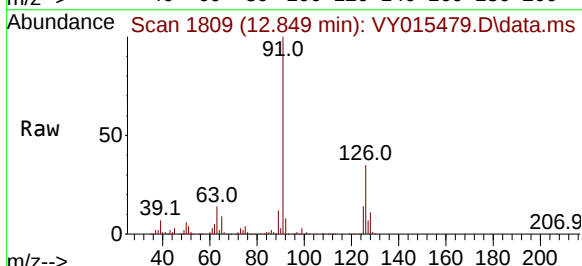
Manual Integrations
APPROVED

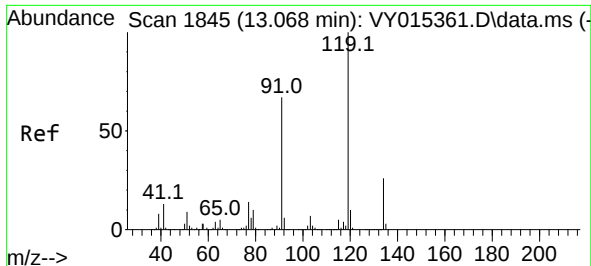
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#82
4-Chlorotoluene
Concen: 43.431 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

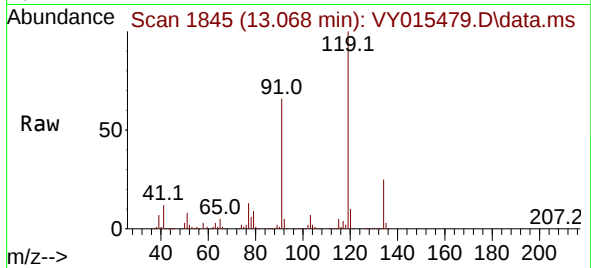
Tgt Ion: 91 Resp: 360326
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 43.364 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

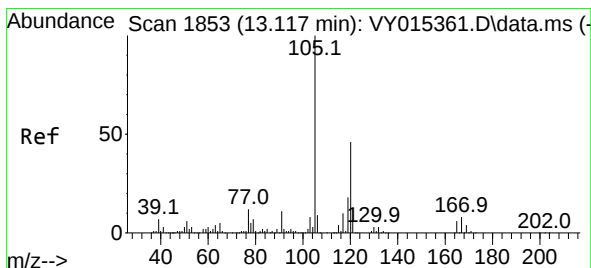
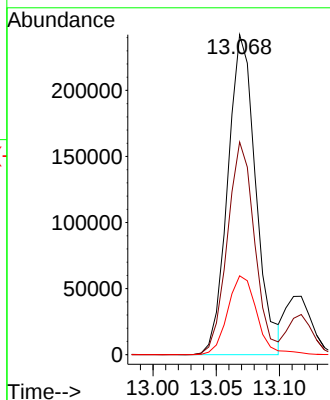
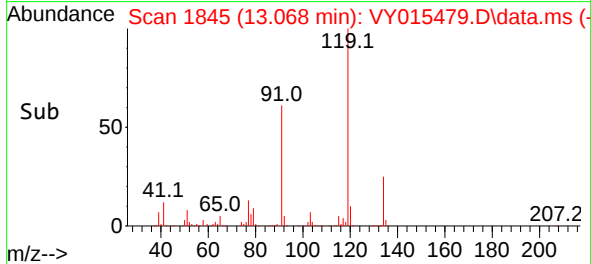
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



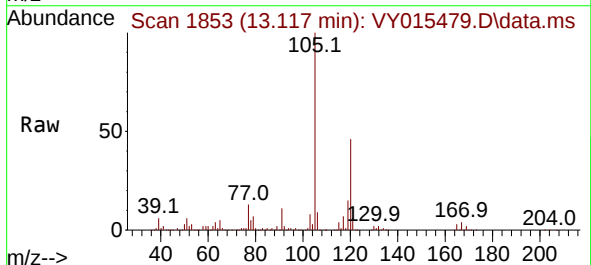
Tgt Ion:119 Resp: 37366
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.6
134 25.7 13.0 38.9

Manual Integrations
APPROVED

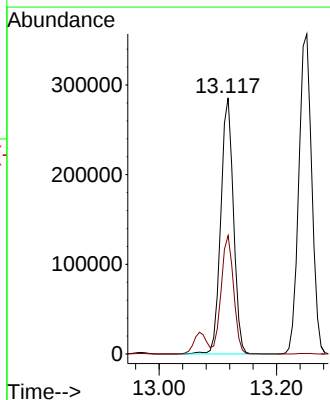
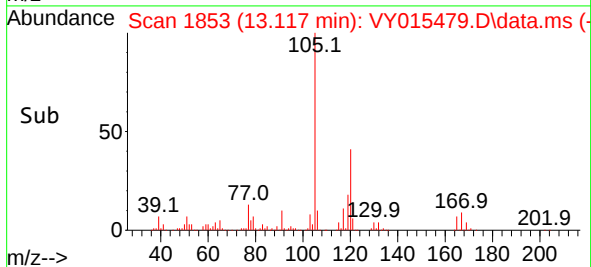
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

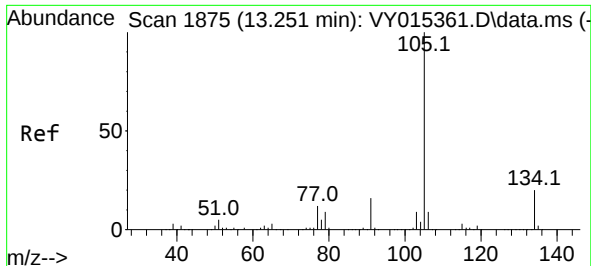


#84
1,2,4-Trimethylbenzene
Concen: 43.702 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



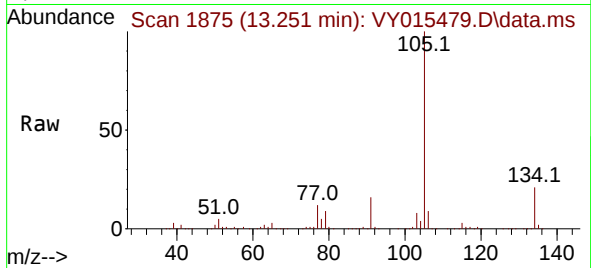
Tgt Ion:105 Resp: 426888
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 42.348 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

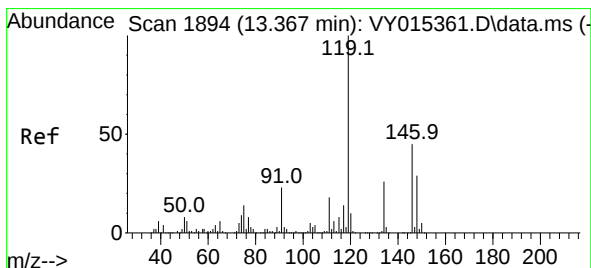
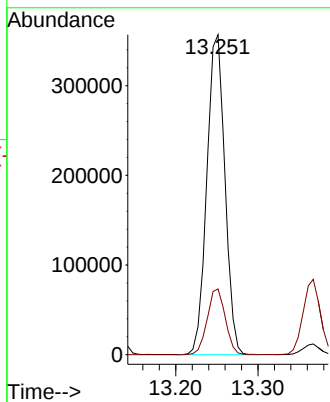
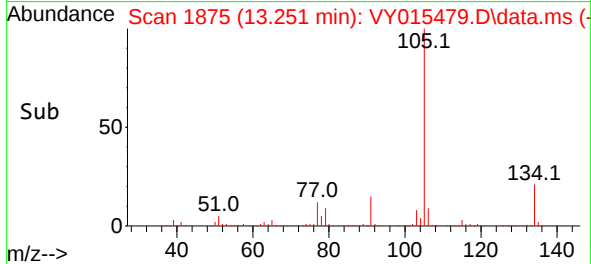
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 54428
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

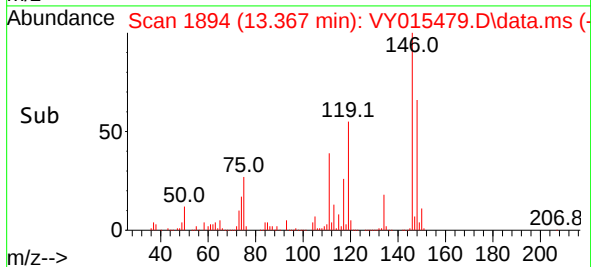
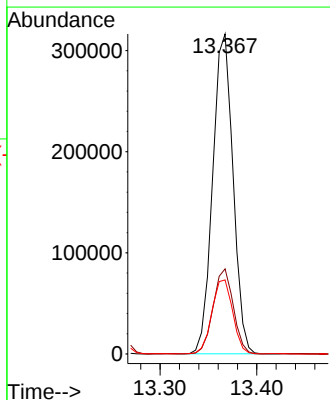
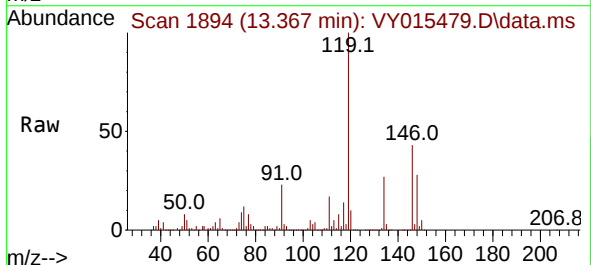
Manual Integrations
 APPROVED

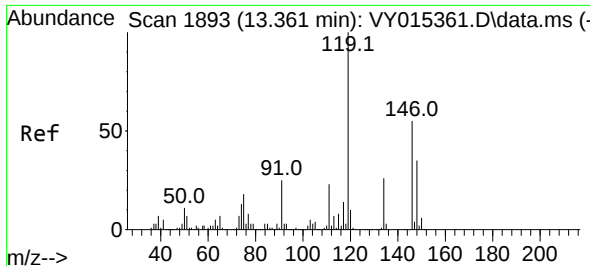
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#86
 p-Isopropyltoluene
 Concen: 42.849 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015479.D
 Acq: 07 Sep 2023 20:10

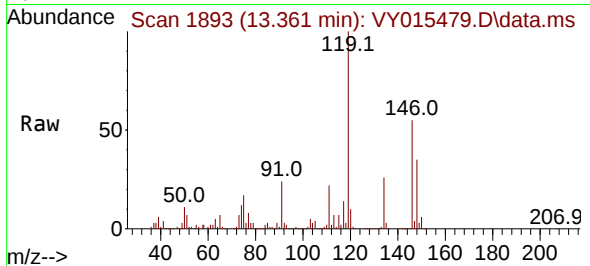
Tgt Ion:119 Resp: 461567
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 44.458 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

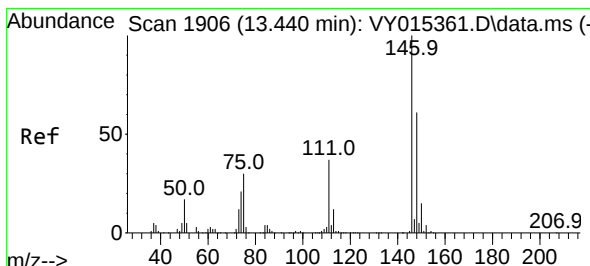
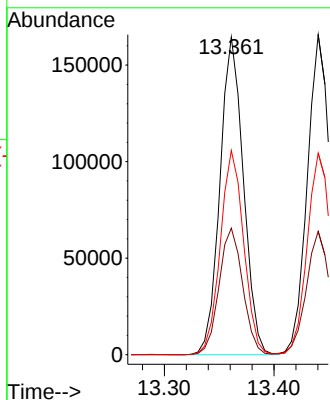
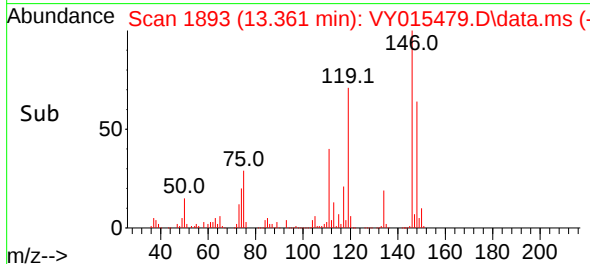
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



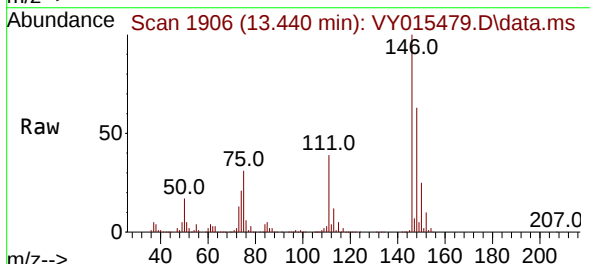
Tgt Ion:146 Resp: 244508
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.2
148 64.0 31.9 95.5

Manual Integrations
APPROVED

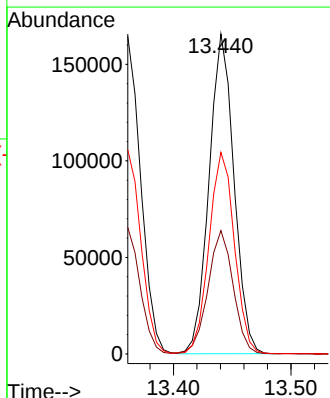
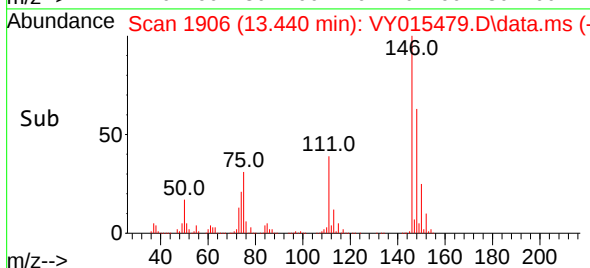
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

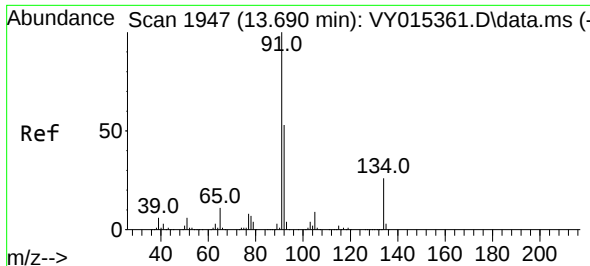


#88
1,4-Dichlorobenzene
Concen: 43.957 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



Tgt Ion:146 Resp: 244373
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.5 32.1 96.5





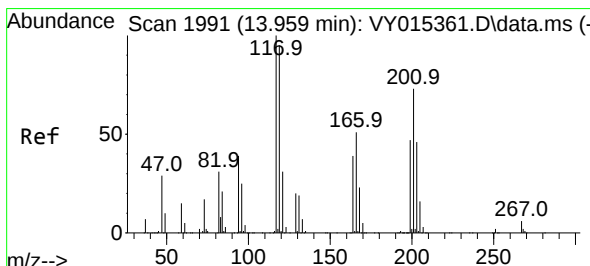
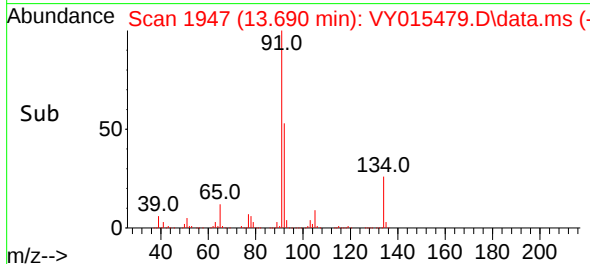
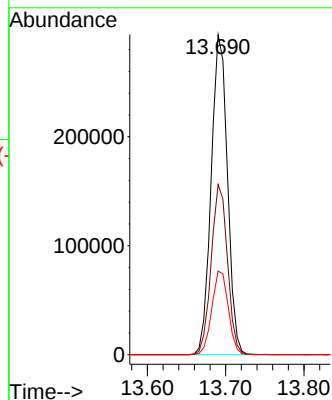
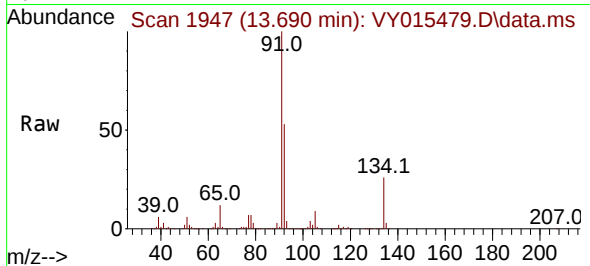
#89
n-Butylbenzene
Concen: 41.741 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 423204
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.4 12.6 37.6

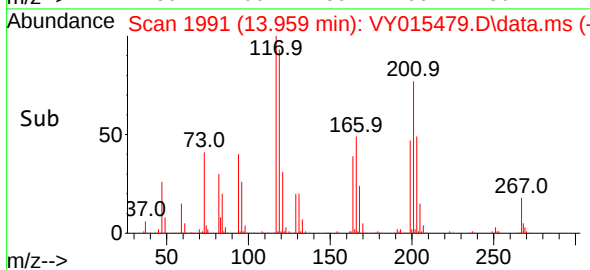
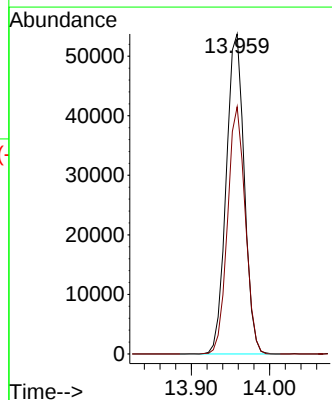
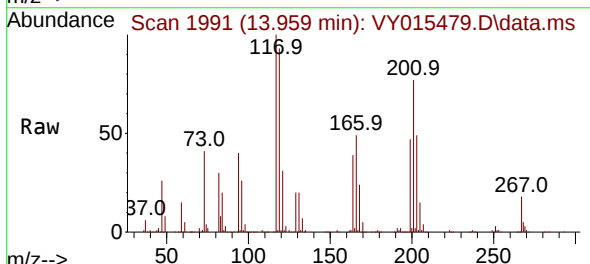
Manual Integrations
APPROVED

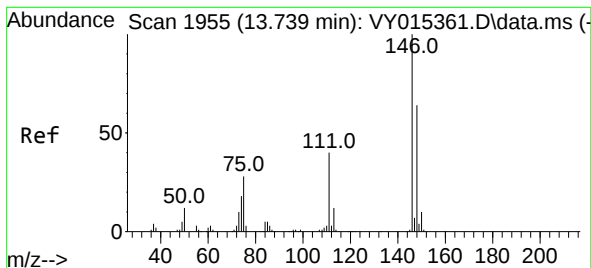
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#90
Hexachloroethane
Concen: 44.695 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

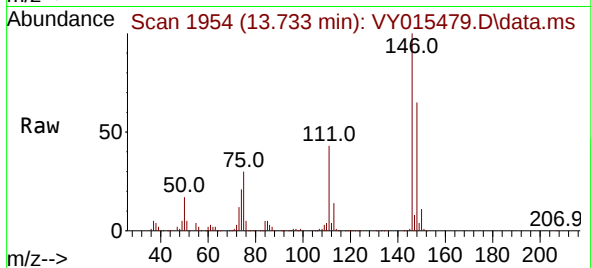
Tgt Ion:117 Resp: 86107
Ion Ratio Lower Upper
117 100
201 75.8 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 46.000 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

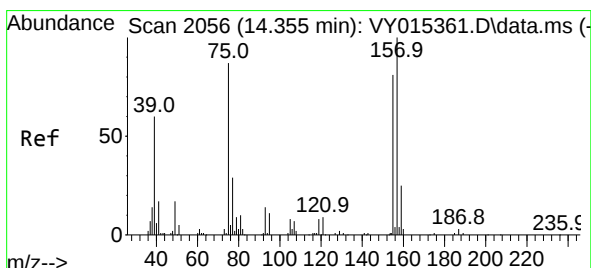
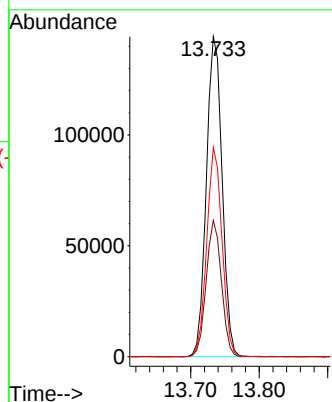
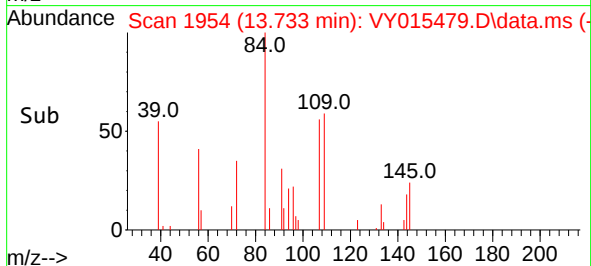
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



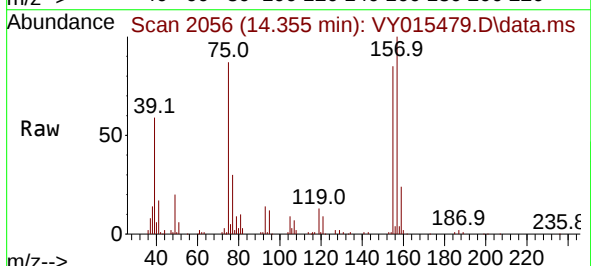
Tgt Ion:146 Resp: 230879
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
APPROVED

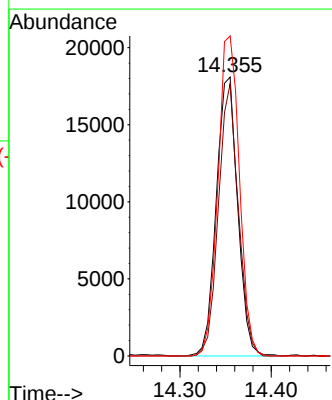
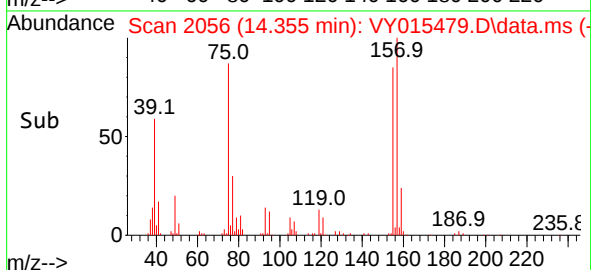
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

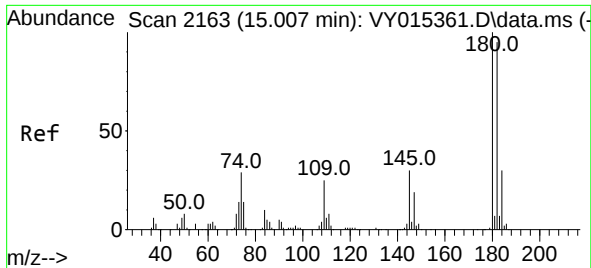


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.899 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10



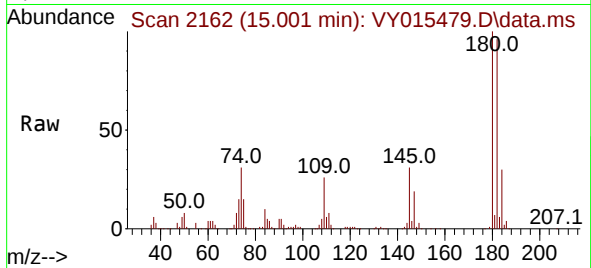
Tgt Ion: 75 Resp: 29382
Ion Ratio Lower Upper
75 100
155 90.9 41.5 124.6
157 115.5 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 46.344 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

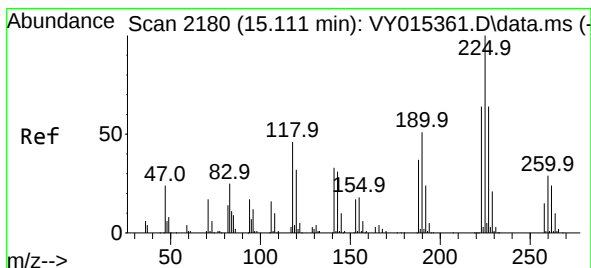
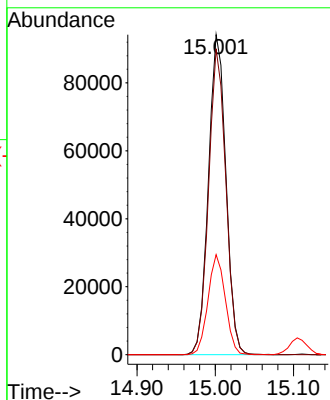
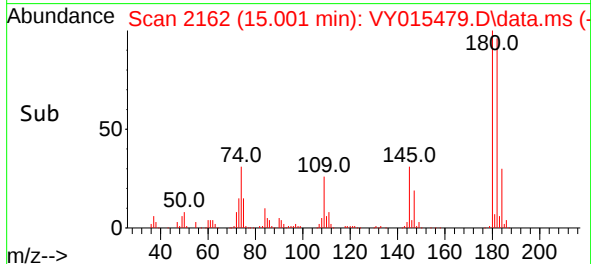
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 14607
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.2
145 30.9 14.5 43.5

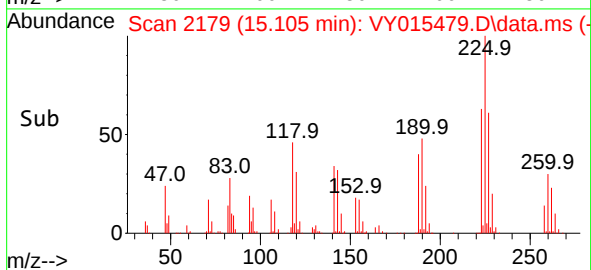
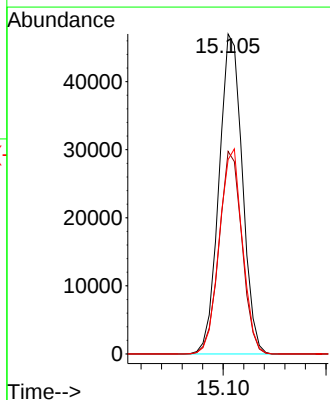
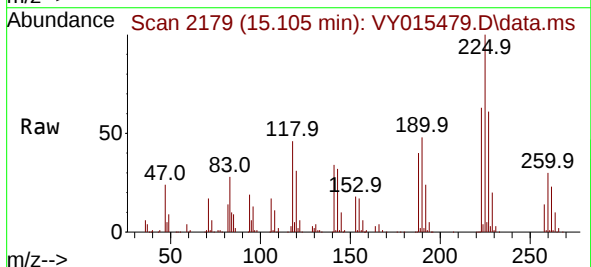
Manual Integrations
APPROVED

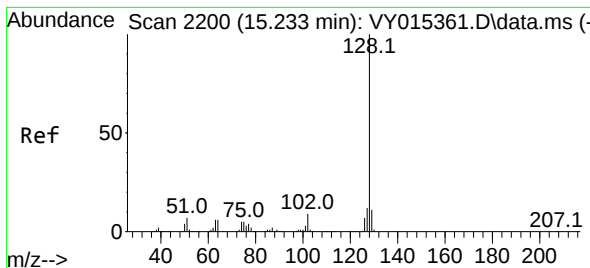
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#94
Hexachlorobutadiene
Concen: 42.984 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

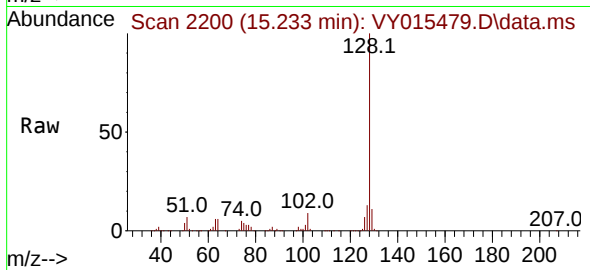
Tgt Ion:225 Resp: 73877
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.9
227 63.5 33.0 98.9





#95
Naphthalene
Concen: 52.149 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

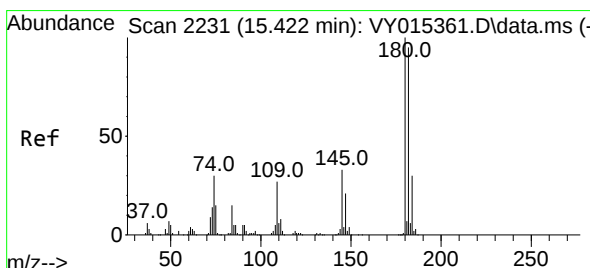
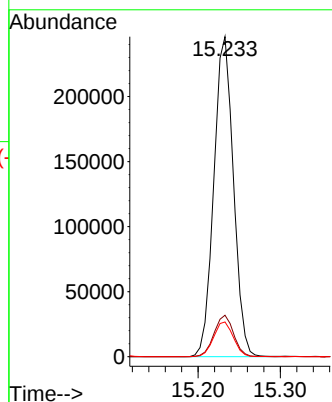
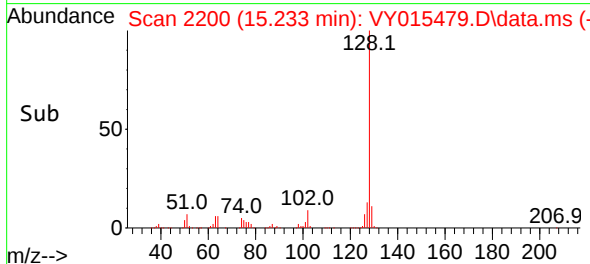
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 40716
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.106 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015479.D
Acq: 07 Sep 2023 20:10

Tgt Ion:180 Resp: 135431
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 32.4 15.4 46.2

