

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015461.D
 Acq On : 07 Sep 2023 10:58
 Operator : SY/MD
 Sample : VY0907SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 05:08:35 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	189814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92287	45.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.700%		
35) Dibromofluoromethane	7.710	113	82246	45.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.280%		
50) Toluene-d8	10.179	98	282582	43.297	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.600%		
62) 4-Bromofluorobenzene	12.477	95	106910	44.125	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25764	15.615	ug/l	97
3) Chloromethane	2.107	50	33379	15.233	ug/l	98
4) Vinyl Chloride	2.241	62	38877	15.243	ug/l	98
5) Bromomethane	2.619	94	28373	15.634	ug/l	100
6) Chloroethane	2.772	64	27836	16.604	ug/l	95
7) Trichlorofluoromethane	3.107	101	63203	17.519	ug/l	98
8) Diethyl Ether	3.515	74	24044	19.501	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	35165	17.586	ug/l	96
10) Methyl Iodide	4.076	142	33562	14.292	ug/l	99
11) Tert butyl alcohol	4.960	59	63053	128.574	ug/l #	90
12) 1,1-Dichloroethene	3.857	96	31565	16.729	ug/l	97
13) Acrolein	3.723	56	32179	65.919	ug/l	99
14) Allyl chloride	4.460	41	54436	18.120	ug/l	98
15) Acrylonitrile	5.155	53	83523	107.654	ug/l	99
16) Acetone	3.942	43	94195	110.908	ug/l	95
17) Carbon Disulfide	4.180	76	66845	11.850	ug/l	98
18) Methyl Acetate	4.466	43	65937	21.434	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	127802	20.840	ug/l	97
20) Methylene Chloride	4.698	84	54760	15.439	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	37455	17.238	ug/l	98
22) Diisopropyl ether	6.112	45	128441	19.548	ug/l	93
23) Vinyl Acetate	6.051	43	411144	99.108	ug/l	96
24) 1,1-Dichloroethane	6.003	63	72819	19.172	ug/l	96
25) 2-Butanone	6.984	43	137421	114.080	ug/l	97
26) 2,2-Dichloropropane	6.972	77	65248	20.226	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	48667	19.744	ug/l	94
28) Bromochloromethane	7.326	49	22574	19.381	ug/l	93
29) Tetrahydrofuran	7.344	42	82269	108.756	ug/l	92
30) Chloroform	7.496	83	80604	20.187	ug/l	98
31) Cyclohexane	7.777	56	55155	15.260	ug/l #	84
32) 1,1,1-Trichloroethane	7.691	97	68871	19.311	ug/l	99
36) 1,1-Dichloropropene	7.911	75	53963	17.053	ug/l	100
37) Ethyl Acetate	7.070	43	50736	20.788	ug/l #	95
38) Carbon Tetrachloride	7.893	117	59123	18.090	ug/l	100
39) Methylcyclohexane	9.179	83	63177	15.858	ug/l	93
40) Benzene	8.155	78	162703	18.428	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	24608m	21.501	ug/l	
42) 1,2-Dichloroethane	8.228	62	58523	19.878	ug/l	95
43) Isopropyl Acetate	8.264	43	89197	21.135	ug/l	97
44) Trichloroethene	8.935	130	48036	19.230	ug/l	91
45) 1,2-Dichloropropane	9.209	63	43765	19.664	ug/l	99
46) Dibromomethane	9.301	93	29017	19.627	ug/l	99
47) Bromodichloromethane	9.490	83	65352	20.670	ug/l	99
48) Methyl methacrylate	9.289	41	39265	20.278	ug/l	93
49) 1,4-Dioxane	9.301	88	12568	457.665	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	271666	110.749	ug/l	94
52) Toluene	10.240	92	107231	18.949	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	68756	20.463	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	73619	20.141	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	42229	21.199	ug/l	94
56) Ethyl methacrylate	10.508	69	61223	20.739	ug/l	92
57) 1,3-Dichloropropane	10.788	76	70545	20.573	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	111419	105.743	ug/l	94
59) 2-Hexanone	10.831	43	207583	112.781	ug/l	91
60) Dibromochloromethane	10.977	129	49413	21.193	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41874	20.745	ug/l	100
64) Tetrachloroethene	10.715	164	54187	20.791	ug/l	98
65) Chlorobenzene	11.514	112	122657	19.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	46357	20.469	ug/l	99
67) Ethyl Benzene	11.587	91	211098	19.000	ug/l	98
68) m/p-Xylenes	11.697	106	164815	38.270	ug/l	95
69) o-Xylene	12.026	106	79695	19.363	ug/l	99
70) Styrene	12.044	104	137063	19.805	ug/l	97
71) Bromoform	12.203	173	35086	22.209	ug/l #	98
73) Isopropylbenzene	12.325	105	210638	18.845	ug/l	100
74) N-amyl acetate	12.142	43	76782	20.447	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	54595	20.461	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	40244m	20.394	ug/l	
77) Bromobenzene	12.605	156	52671	19.896	ug/l	99
78) n-propylbenzene	12.666	91	253810	18.766	ug/l	99
79) 2-Chlorotoluene	12.751	91	144606	19.063	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	180027	19.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18636	20.833	ug/l	97
82) 4-Chlorotoluene	12.849	91	151704	19.242	ug/l	100
83) tert-Butylbenzene	13.075	119	157828	19.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	178040	19.180	ug/l	97
85) sec-Butylbenzene	13.251	105	233754	19.139	ug/l	100
86) p-Isopropyltoluene	13.367	119	198297	19.372	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	105882	20.260	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	106406	20.141	ug/l	99
89) n-Butylbenzene	13.690	91	183824	19.080	ug/l	97
90) Hexachloroethane	13.959	117	36069	19.702	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	97107	20.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11662	22.095	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	63551	21.217	ug/l	98
94) Hexachlorobutadiene	15.111	225	34499	21.123	ug/l	97
95) Naphthalene	15.233	128	171685	23.139	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	60046	21.978	ug/l	98

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MSVOA_Y
ClientSampleId :
VY0907SBSD01

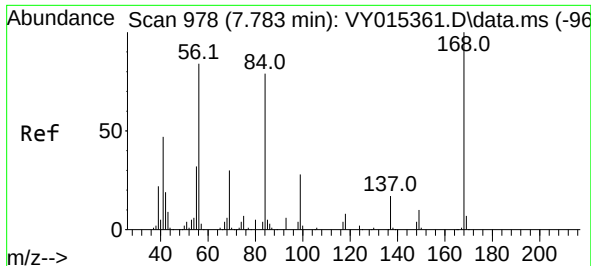
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

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



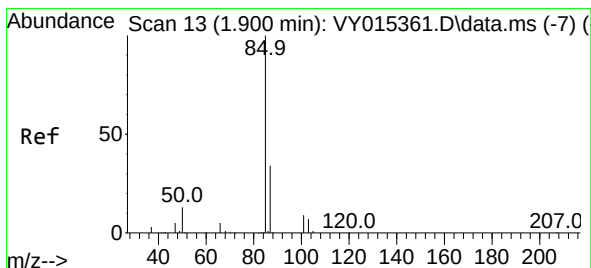
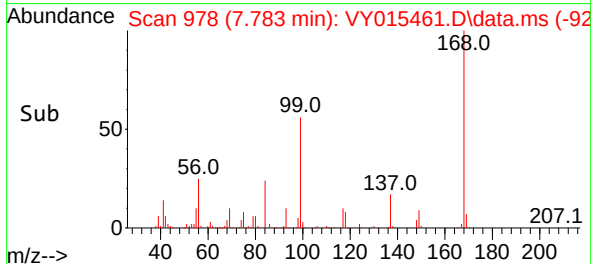
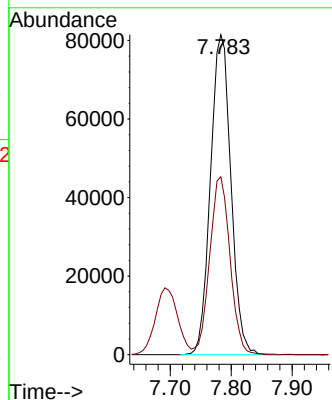
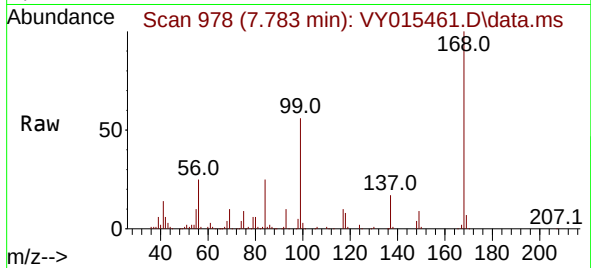
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015461.D
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MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 189814
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

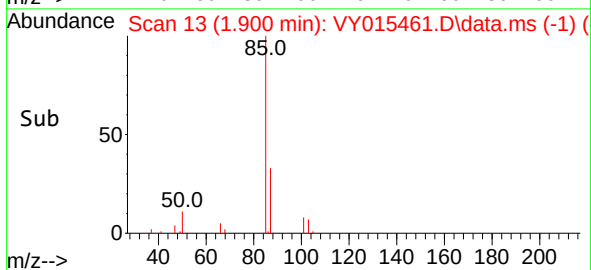
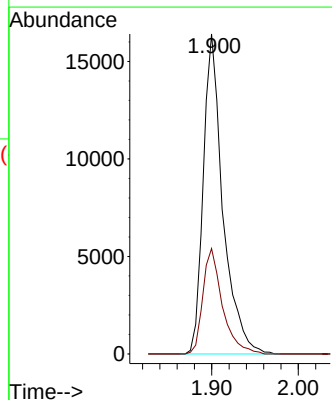
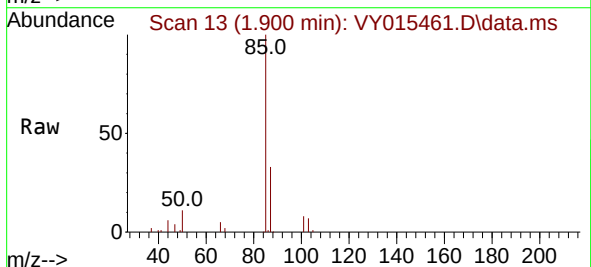
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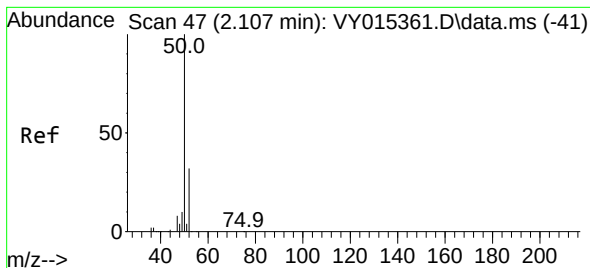
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 15.615 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

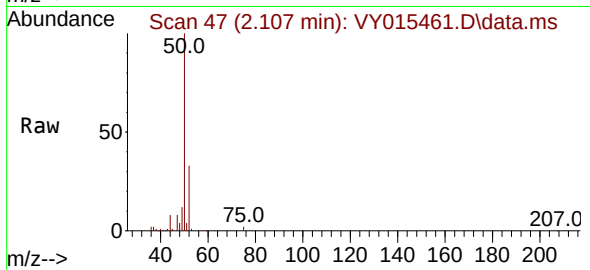
Tgt Ion: 85 Resp: 25764
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





#3
Chloromethane
Concen: 15.233 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

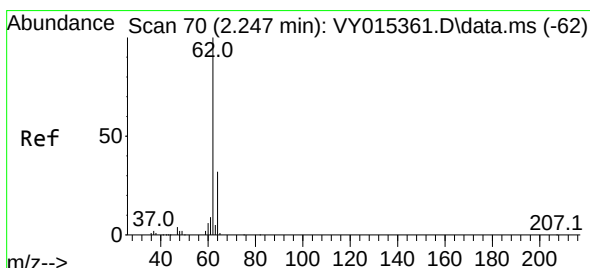
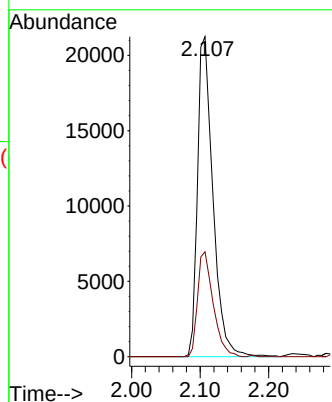
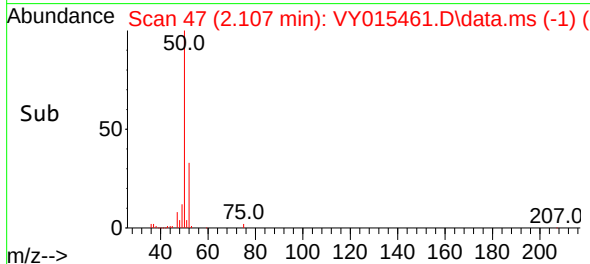
Instrument :
MSVOA_Y
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VY0907SBSD01



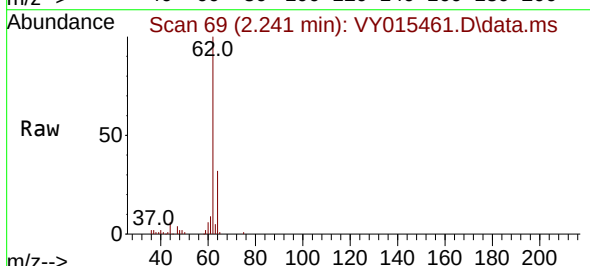
Tgt Ion: 50 Resp: 33379
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

Manual Integrations
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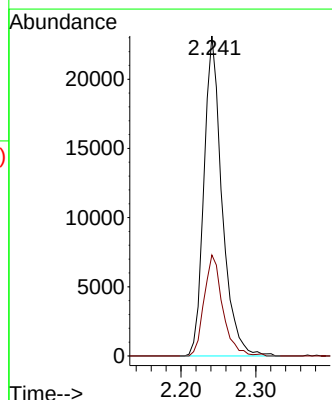
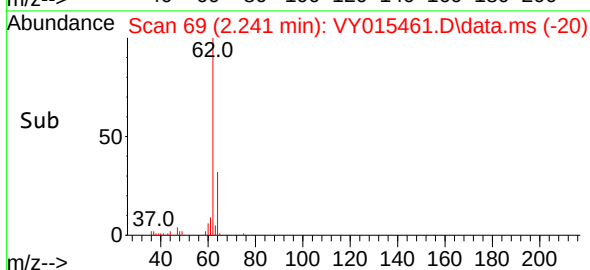
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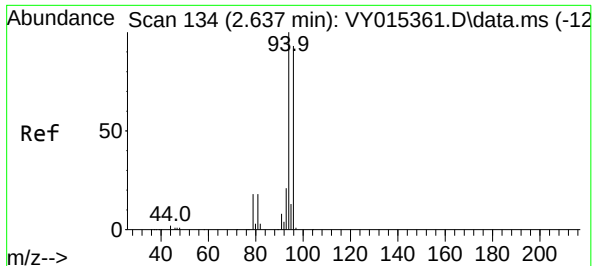


#4
Vinyl Chloride
Concen: 15.243 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



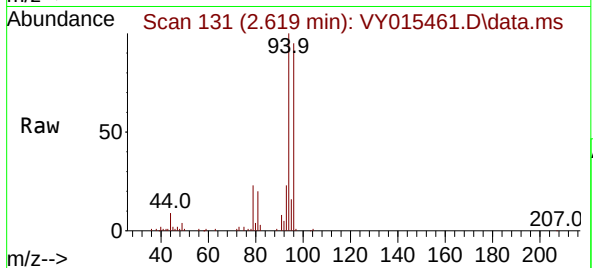
Tgt Ion: 62 Resp: 38877
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





#5
Bromomethane
Concen: 15.634 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

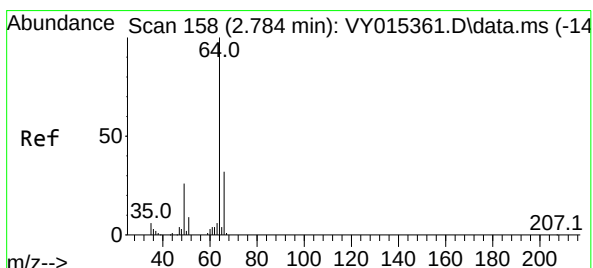
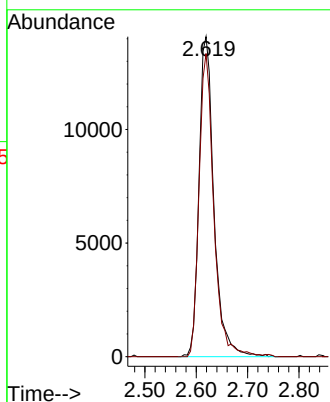
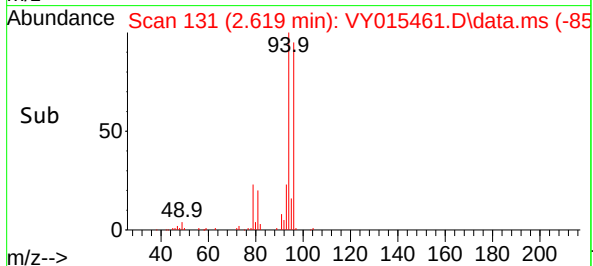
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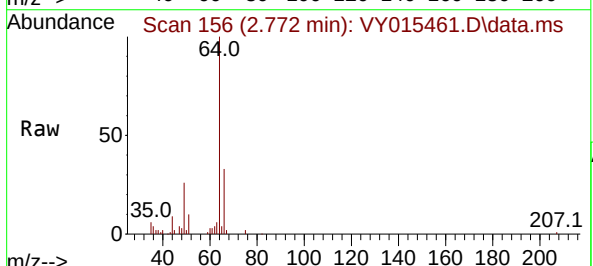
Tgt Ion: 94 Resp: 2837
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6

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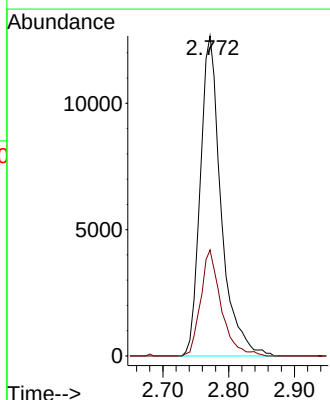
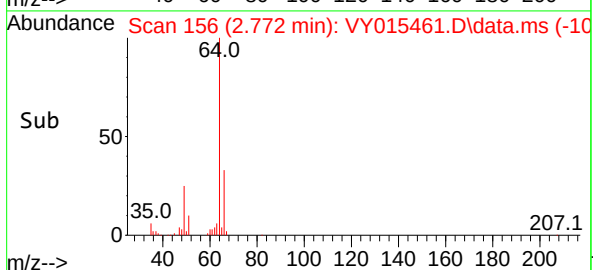
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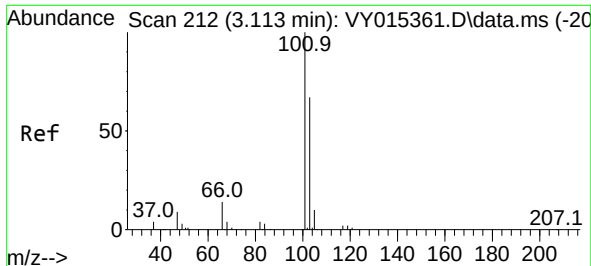


#6
Chloroethane
Concen: 16.604 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



Tgt Ion: 64 Resp: 27836
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6





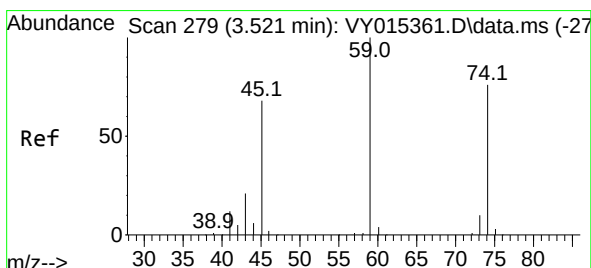
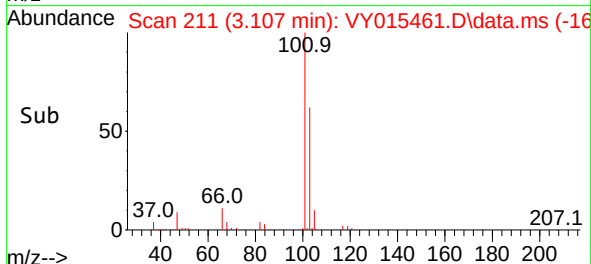
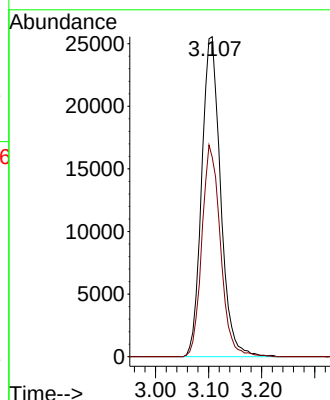
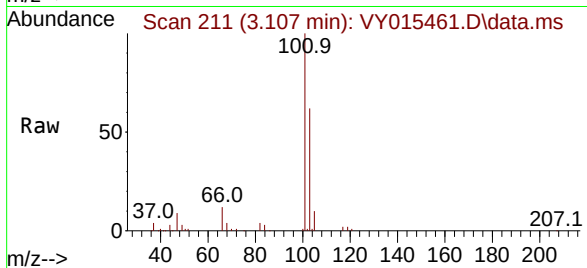
#7
 Trichlorofluoromethane
 Concen: 17.519 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBSD01

Tgt Ion:101 Resp: 6320
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.4 77.0

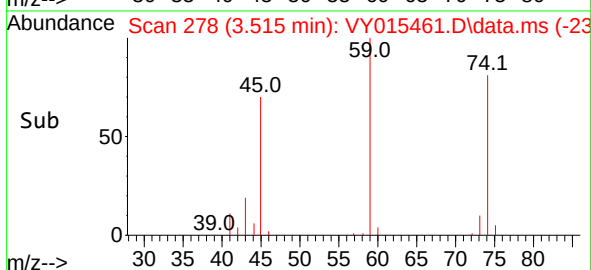
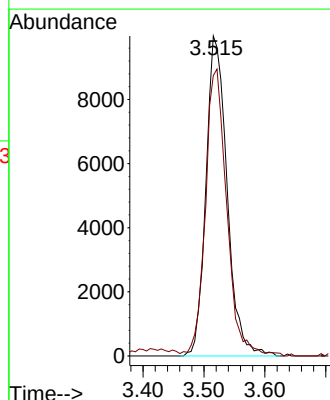
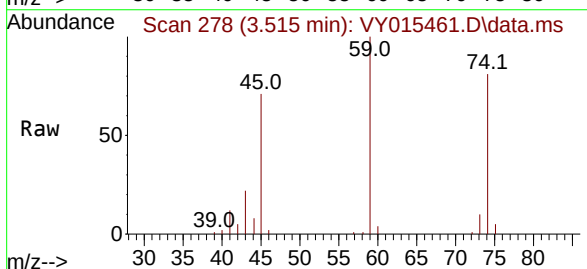
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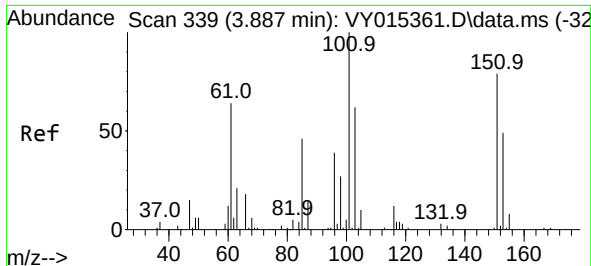
Reviewed By :John Carlone 09/08/2023
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#8
 Diethyl Ether
 Concen: 19.501 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

Tgt Ion: 74 Resp: 24044
 Ion Ratio Lower Upper
 74 100
 45 88.0 51.5 154.5





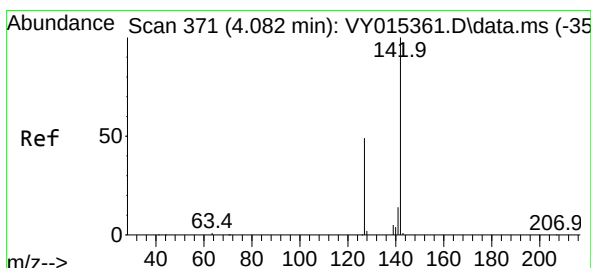
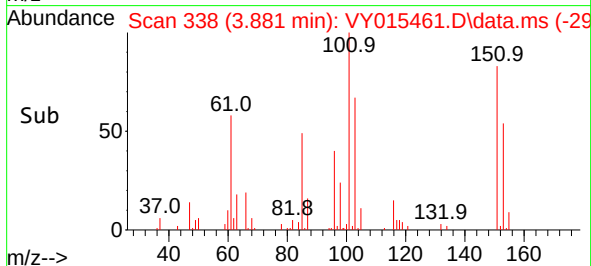
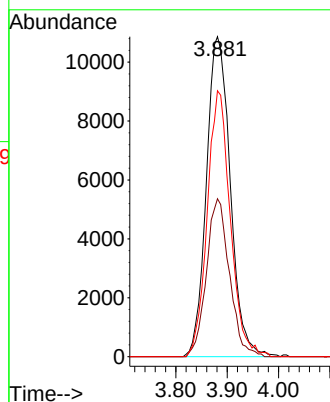
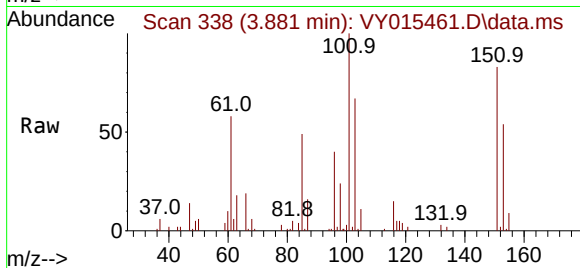
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.586 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion:101 Resp: 3516
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 80.1 67.0 100.6

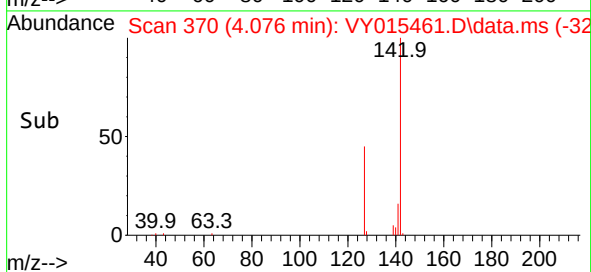
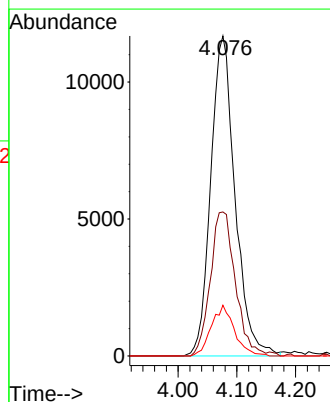
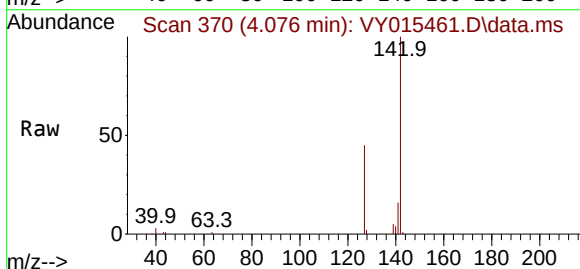
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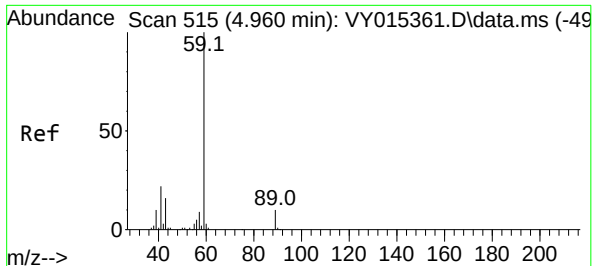
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
Methyl Iodide
Concen: 14.292 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:142 Resp: 33562
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 15.1 11.8 17.8





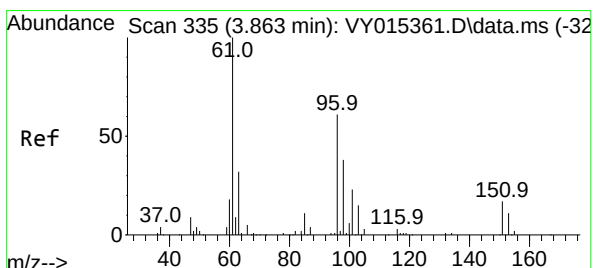
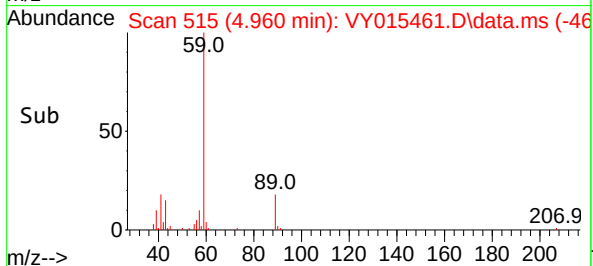
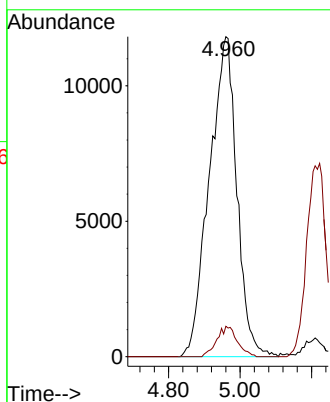
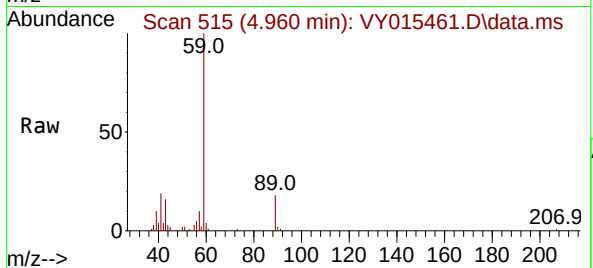
#11
Tert butyl alcohol
Concen: 128.574 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion: 59 Resp: 6305
Ion Ratio Lower Upper
59 100
57 7.0 3.0 4.4

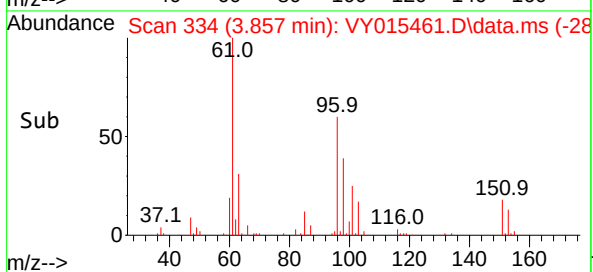
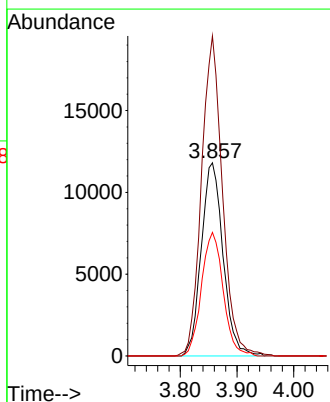
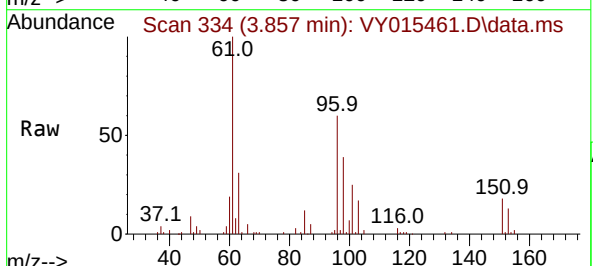
Manual Integrations
APPROVED

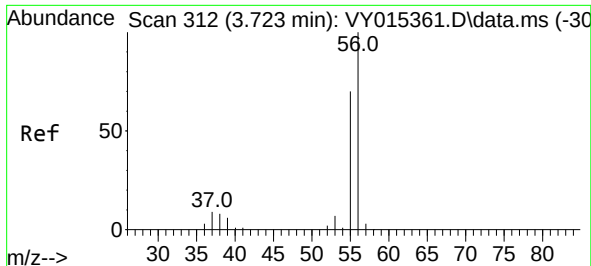
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
1,1-Dichloroethene
Concen: 16.729 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 96 Resp: 31565
Ion Ratio Lower Upper
96 100
61 165.8 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 65.919 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

Tgt Ion: 56 Resp: 32179

Ion Ratio Lower Upper

56 100

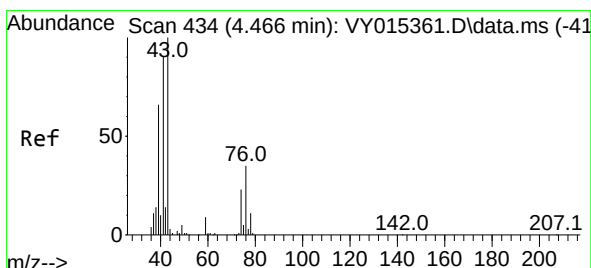
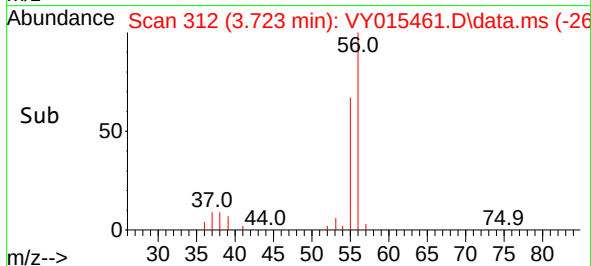
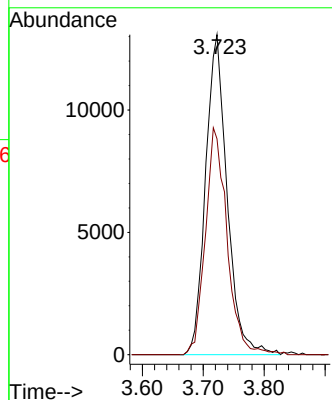
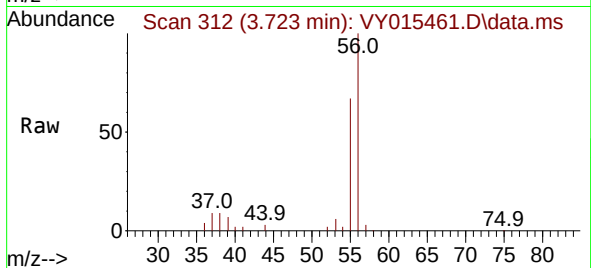
55 71.6 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#14

Allyl chloride

Concen: 18.120 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

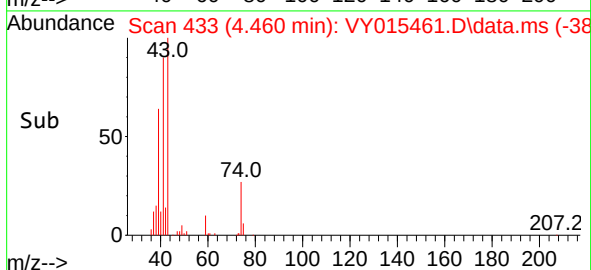
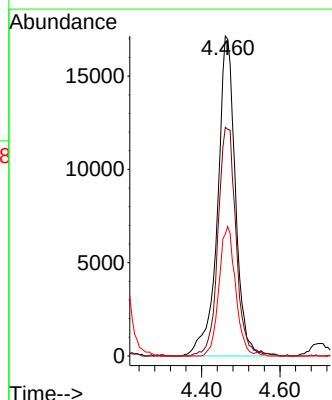
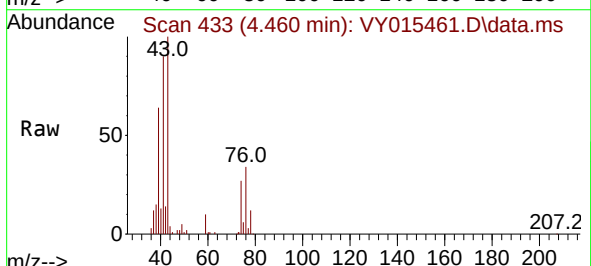
Tgt Ion: 41 Resp: 54436

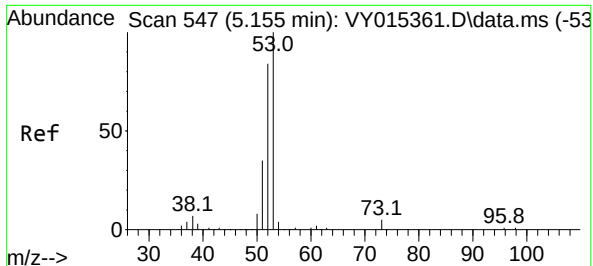
Ion Ratio Lower Upper

41 100

39 72.1 58.0 87.0

76 37.4 27.4 41.2





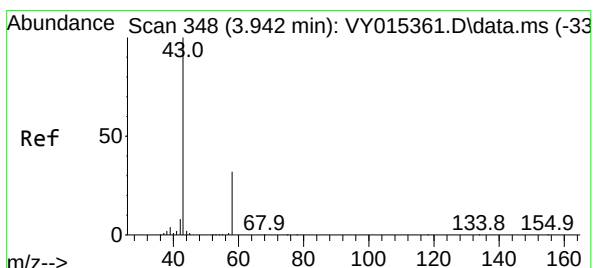
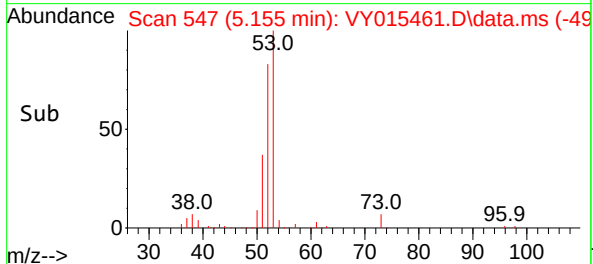
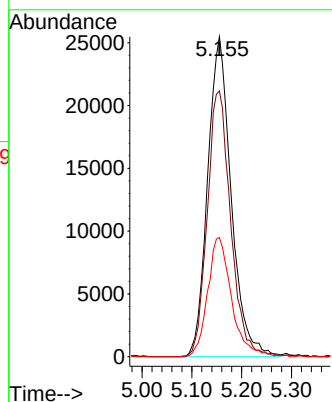
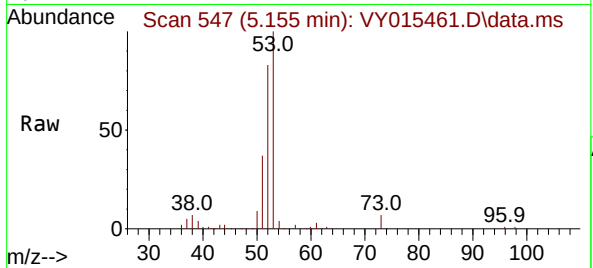
#15
Acrylonitrile
Concen: 107.654 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion: 53 Resp: 8352
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 37.9 29.8 44.6

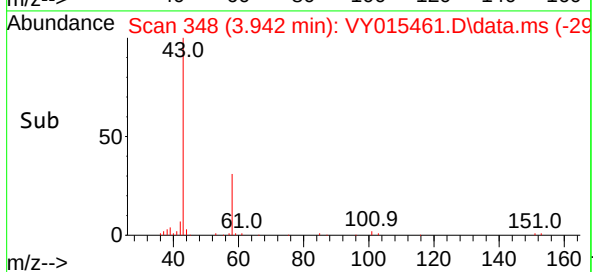
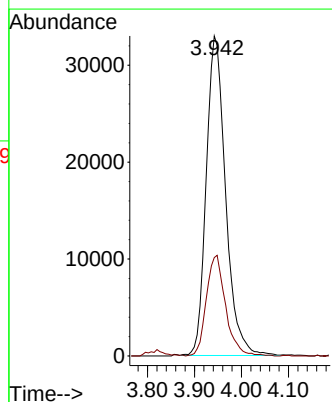
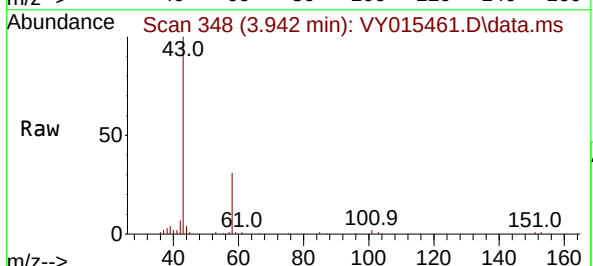
Manual Integrations
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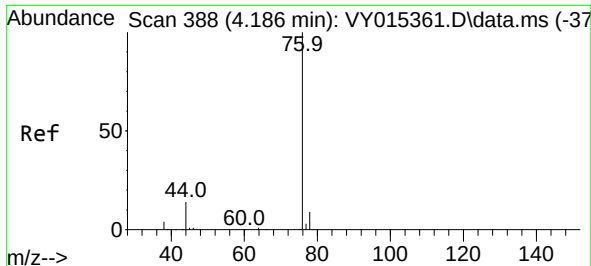
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#16
Acetone
Concen: 110.908 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 43 Resp: 94195
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1





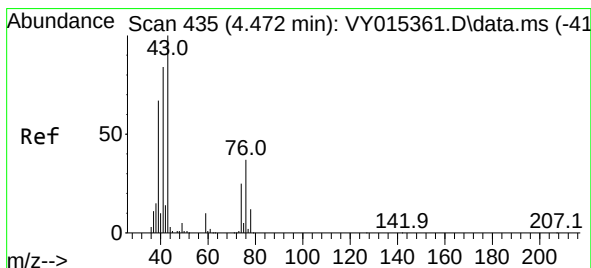
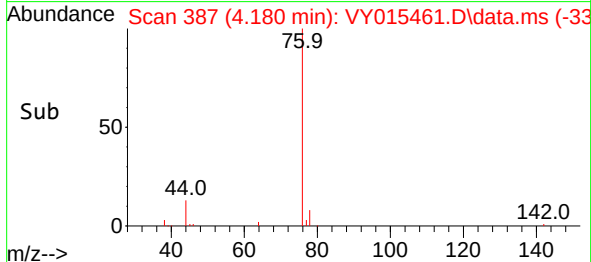
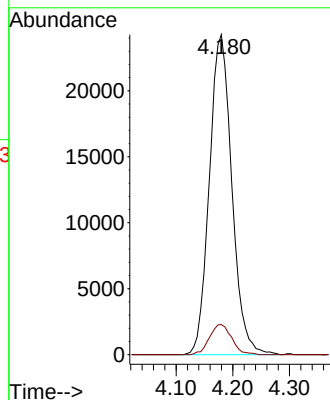
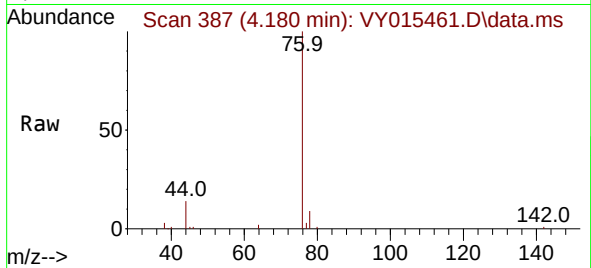
#17
Carbon Disulfide
Concen: 11.850 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion: 76 Resp: 6684
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

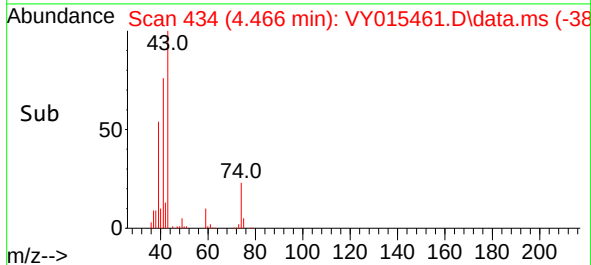
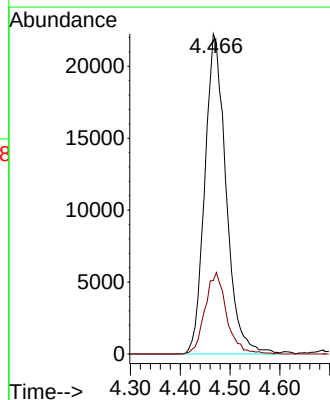
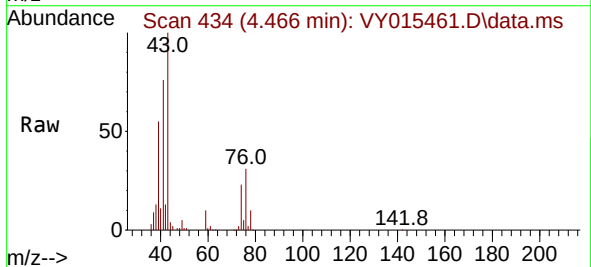
Manual Integrations
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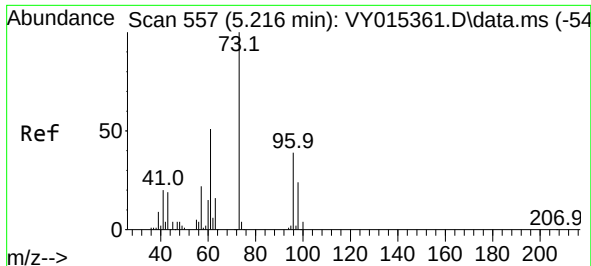
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#18
Methyl Acetate
Concen: 21.434 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

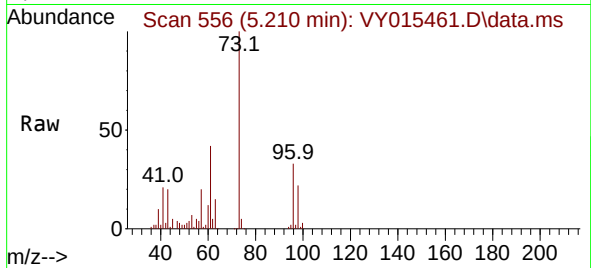
Tgt Ion: 43 Resp: 65937
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.840 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

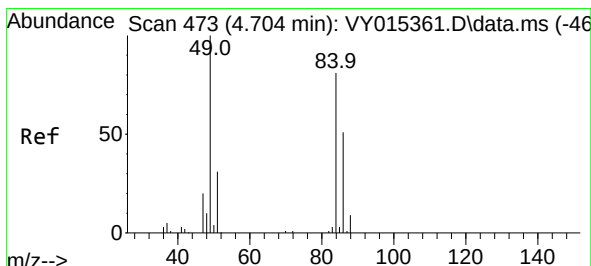
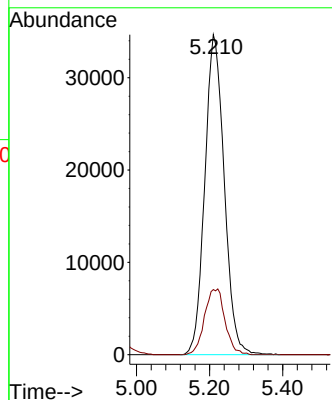
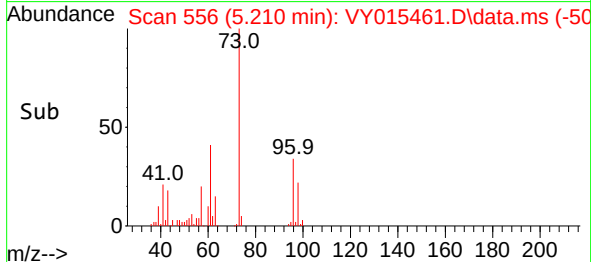
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 73 Resp: 12780
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9

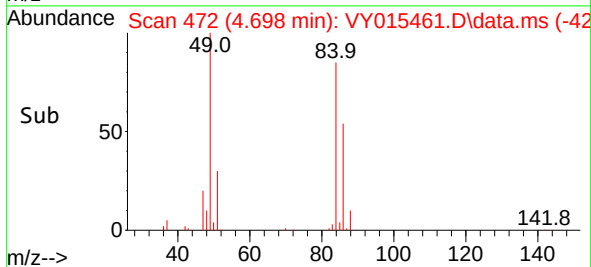
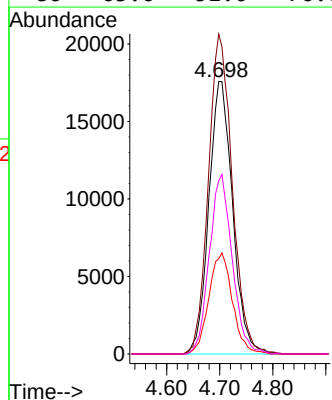
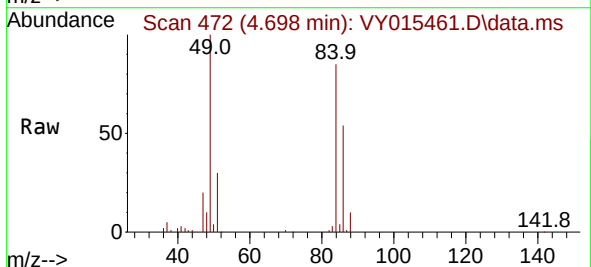
Manual Integrations
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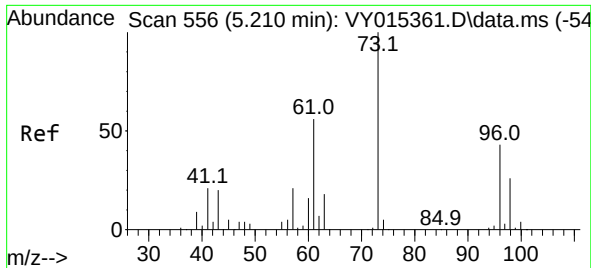
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Methylene Chloride
Concen: 15.439 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

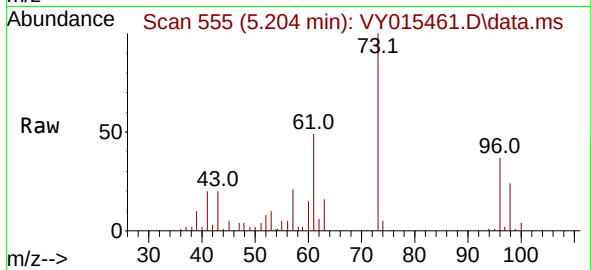
Tgt Ion: 84 Resp: 54760
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 35.0 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.238 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

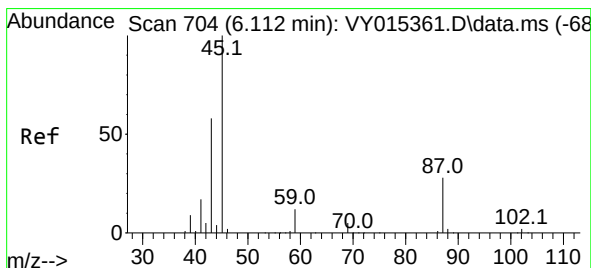
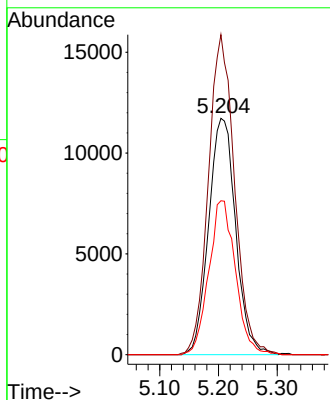
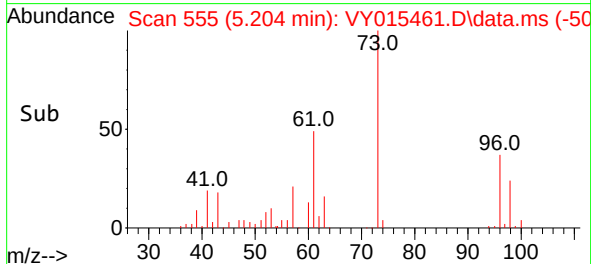
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



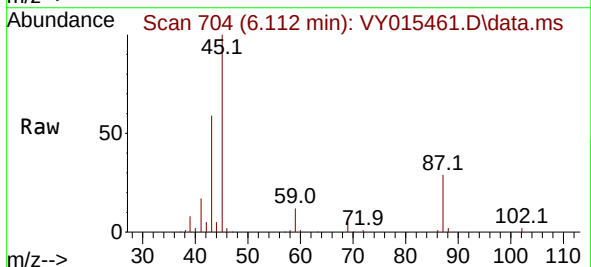
Tgt Ion: 96 Resp: 3745
Ion Ratio Lower Upper
96 100
61 135.4 110.2 165.4
98 65.1 51.8 77.6

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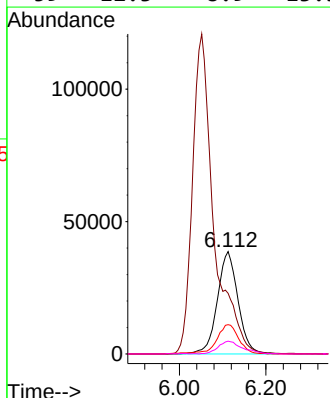
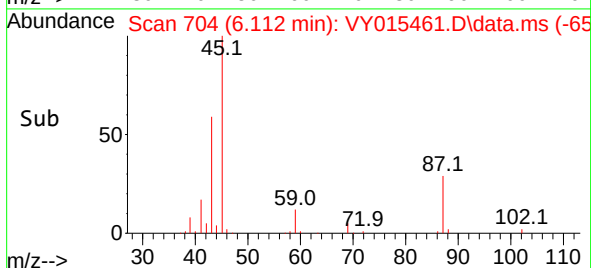
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

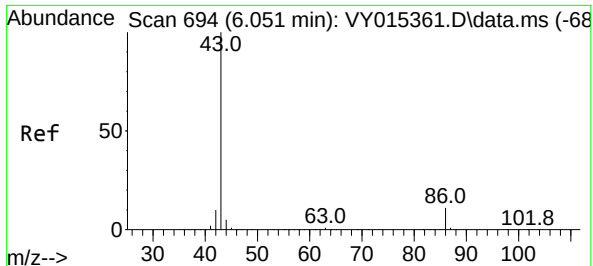


#22
Diisopropyl ether
Concen: 19.548 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



Tgt Ion: 45 Resp: 128441
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 28.6 21.0 31.6
59 12.3 8.9 13.3





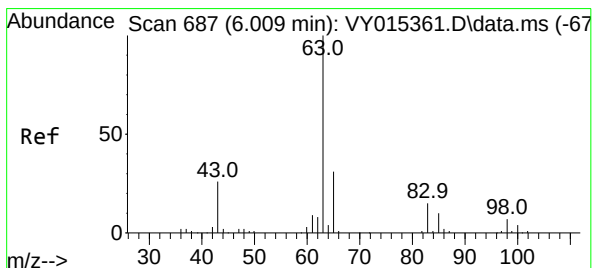
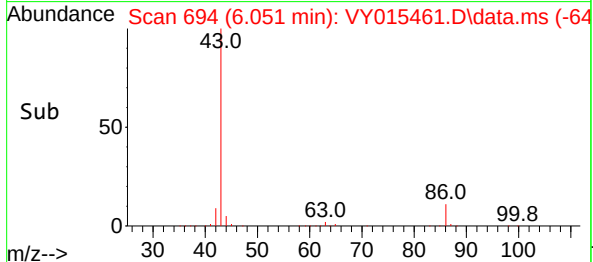
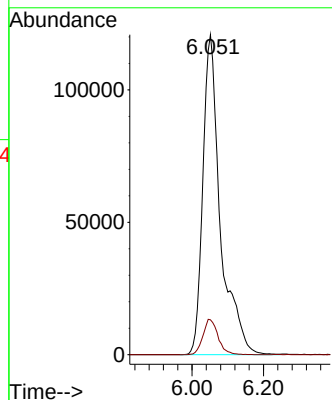
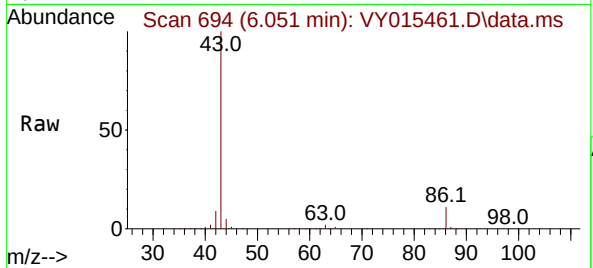
#23
 Vinyl Acetate
 Concen: 99.108 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBSD01

Tgt Ion: 43 Resp: 411144
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

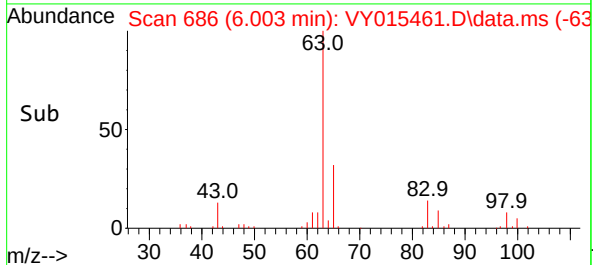
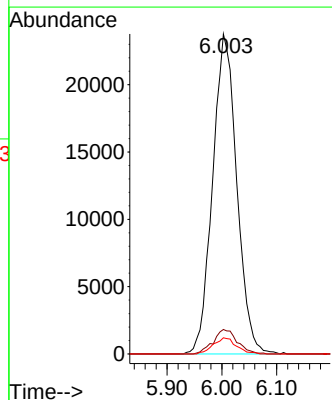
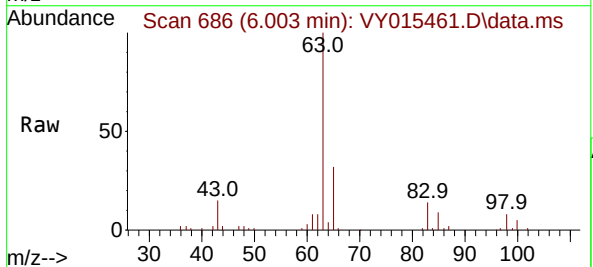
Manual Integrations
 APPROVED

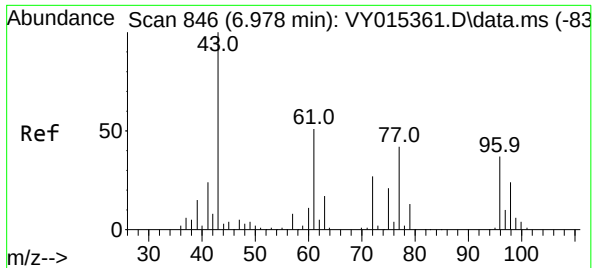
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#24
 1,1-Dichloroethane
 Concen: 19.172 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

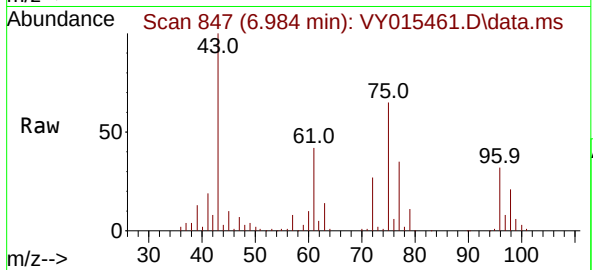
Tgt Ion: 63 Resp: 72819
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.0 1.8 5.5





#25
2-Butanone
Concen: 114.080 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

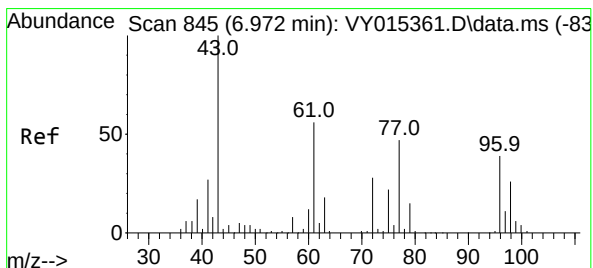
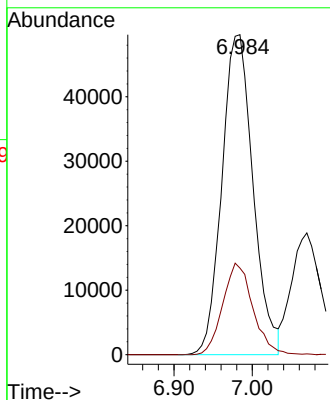
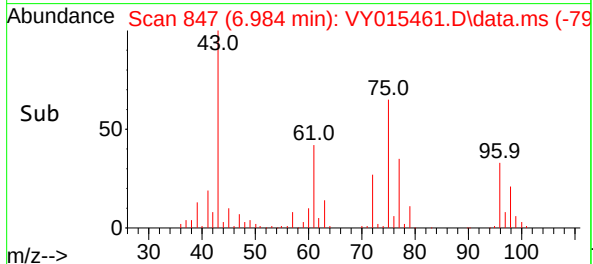
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



Tgt Ion: 43 Resp: 13742
Ion Ratio Lower Upper
43 100
72 27.0 20.5 30.7

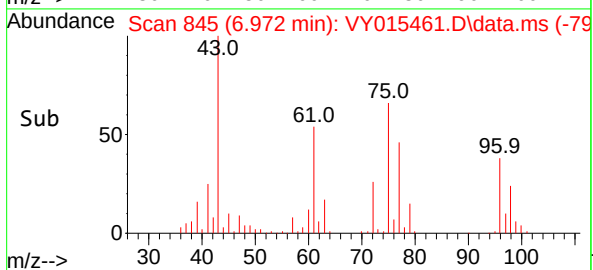
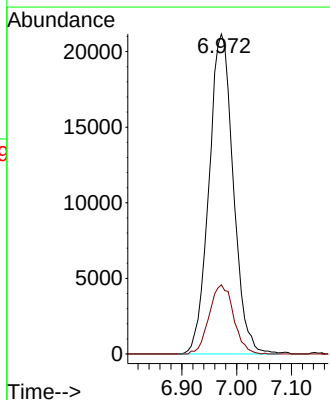
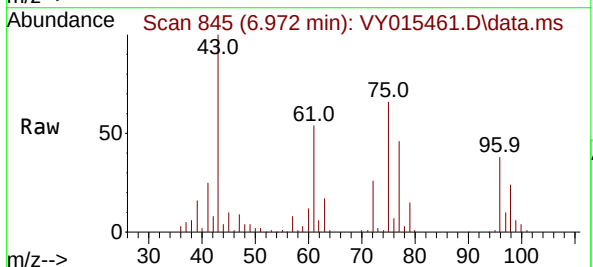
Manual Integrations
APPROVED

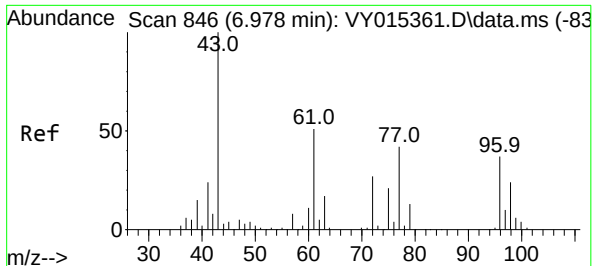
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#26
2,2-Dichloropropane
Concen: 20.226 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 77 Resp: 65248
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.744 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015461.D

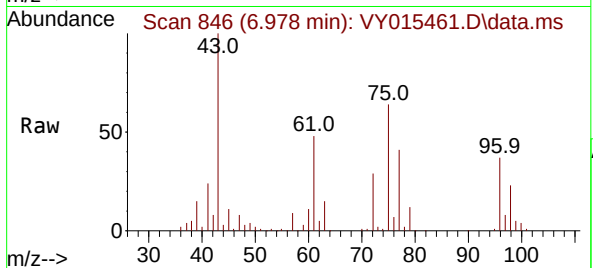
Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01



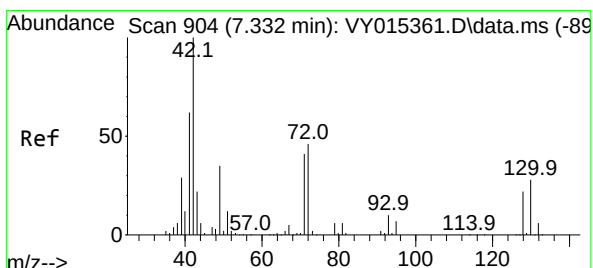
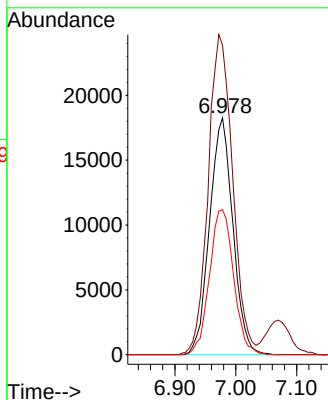
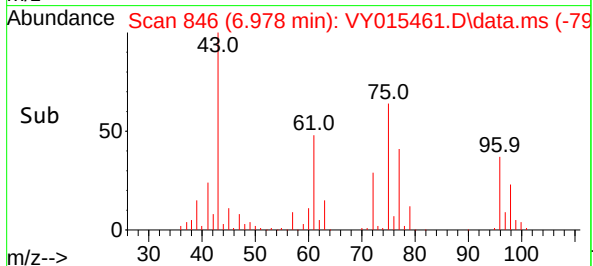
Tgt Ion:	96	Resp:	4866
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	301.4
98	63.3	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#28

Bromochloromethane

Concen: 19.381 ug/l

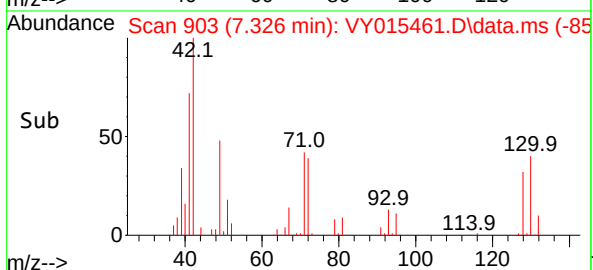
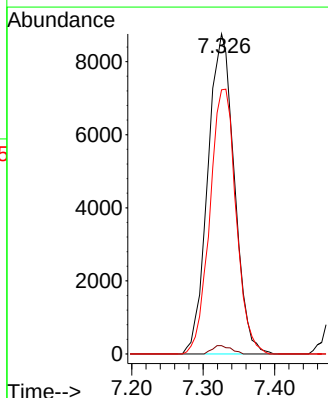
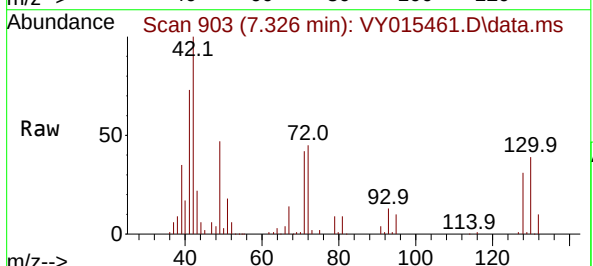
RT: 7.326 min Scan# 903

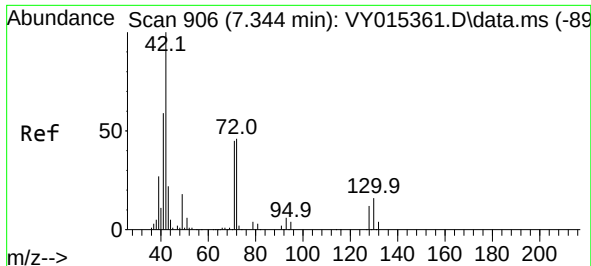
Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion:	49	Resp:	22574
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	81.7	60.7	91.1





#29

Tetrahydrofuran

Concen: 108.756 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

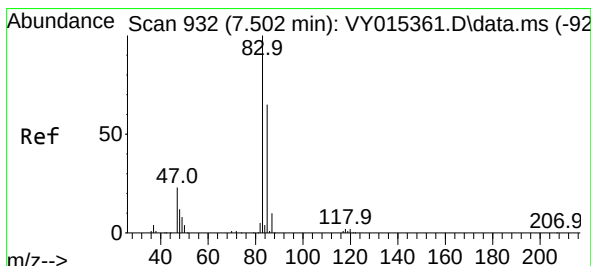
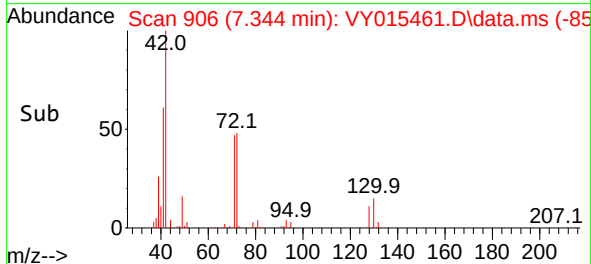
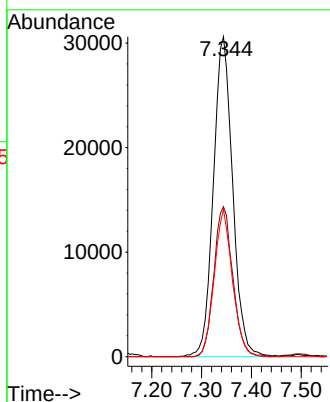
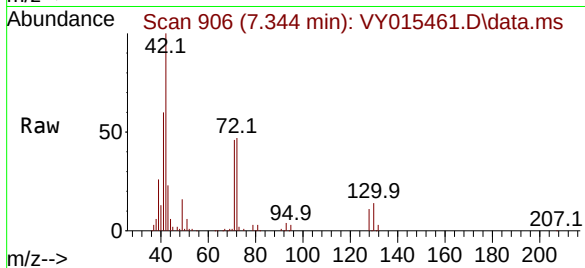
Tgt Ion:	42	Resp:	82269
Ion Ratio	Lower	Upper	
42	100		
72	46.1	32.8	49.2
71	43.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

Chloroform

Concen: 20.187 ug/l

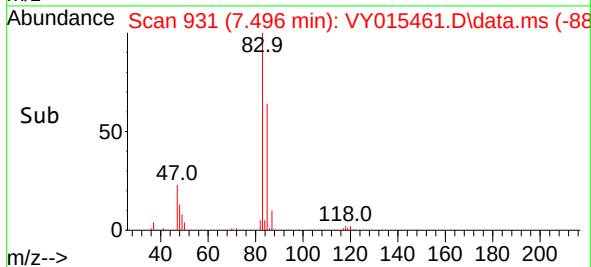
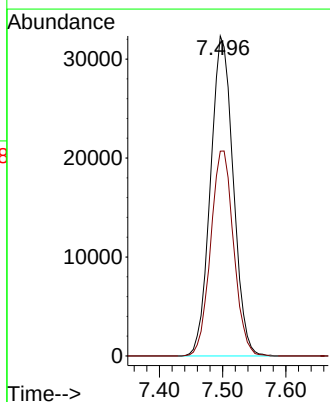
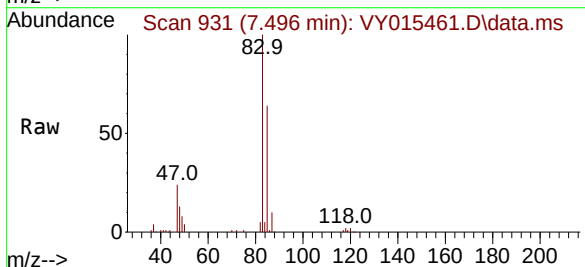
RT: 7.496 min Scan# 931

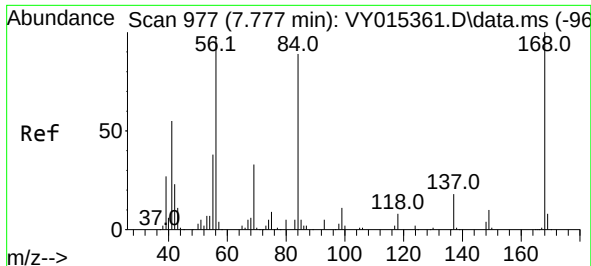
Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

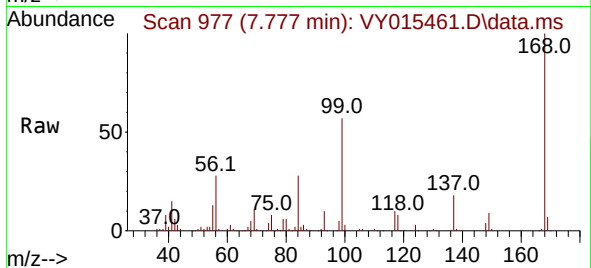
Tgt Ion:	83	Resp:	80604
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.7	74.5





#31
Cyclohexane
Concen: 15.260 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

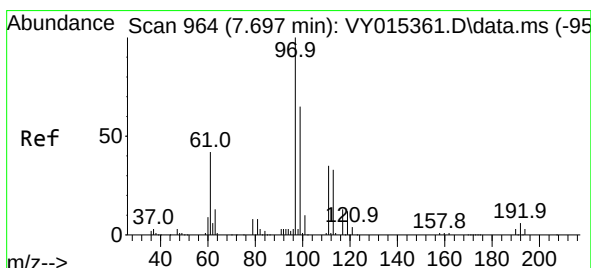
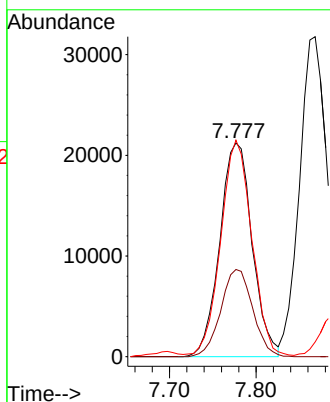
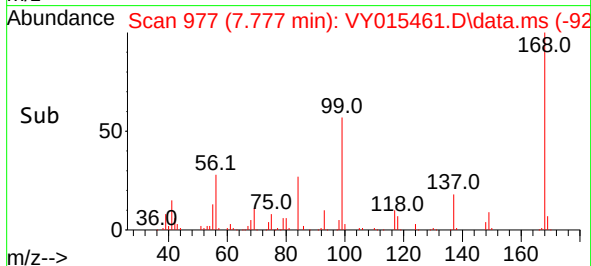
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



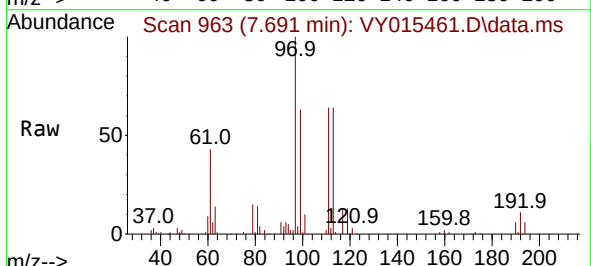
Tgt Ion: 56 Resp: 5515
Ion Ratio Lower Upper
56 100
69 40.8 27.8 41.6
84 99.9 66.4 99.6

Manual Integrations
APPROVED

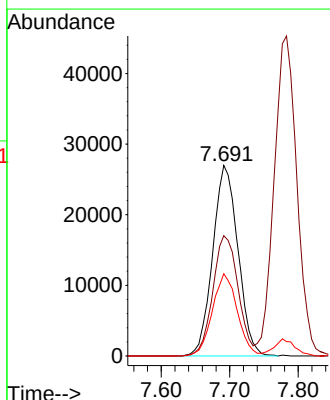
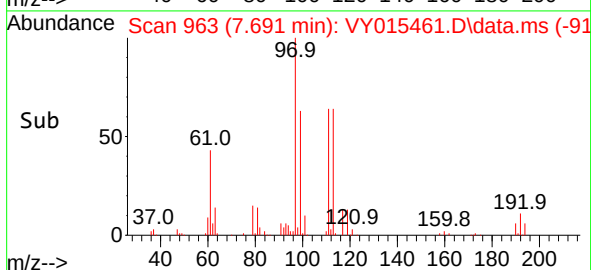
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

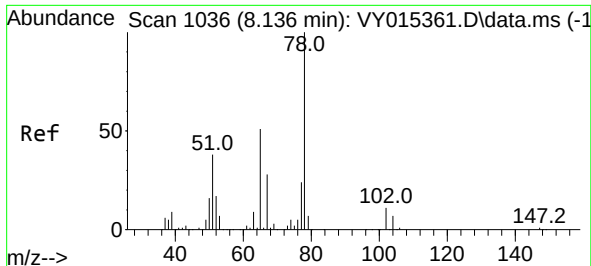


#32
1,1,1-Trichloroethane
Concen: 19.311 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



Tgt Ion: 97 Resp: 68871
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 42.7 35.1 52.7





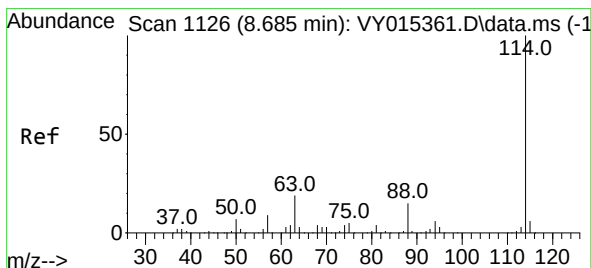
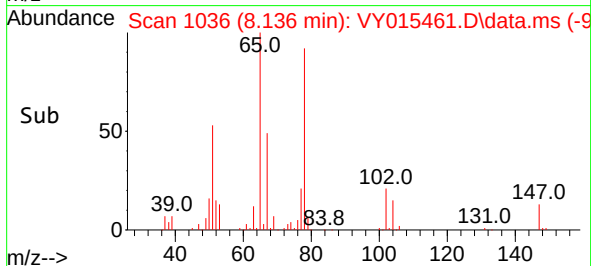
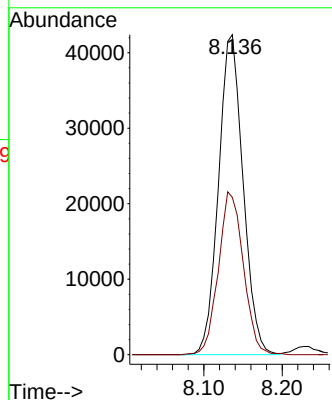
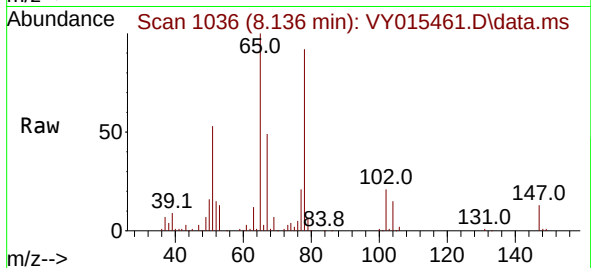
#33
 1,2-Dichloroethane-d4
 Concen: 45.355 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBSD01

Tgt Ion: 65 Resp: 9228
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8

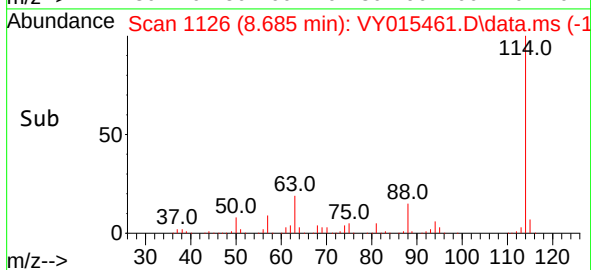
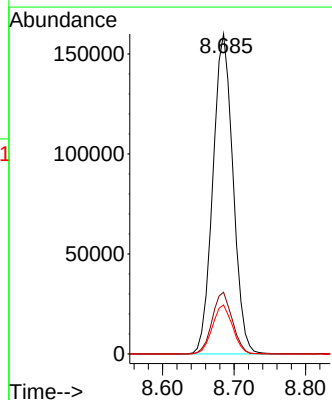
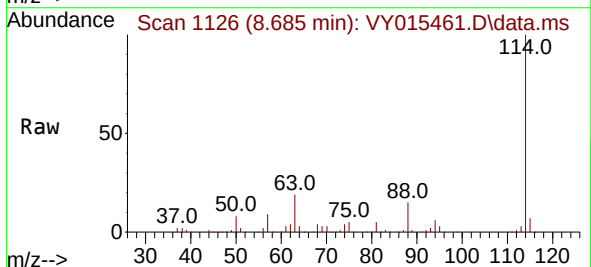
Manual Integrations
 APPROVED

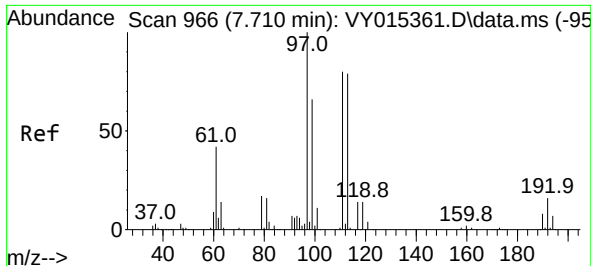
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

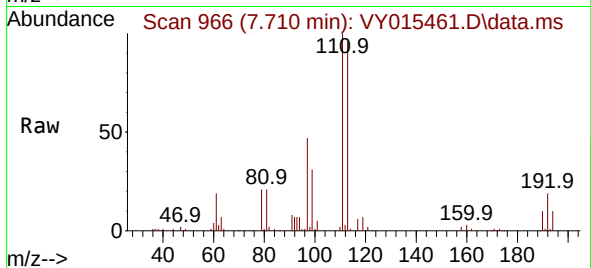
Tgt Ion:114 Resp: 312898
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.636 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

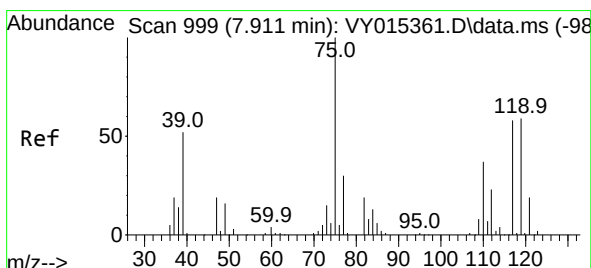
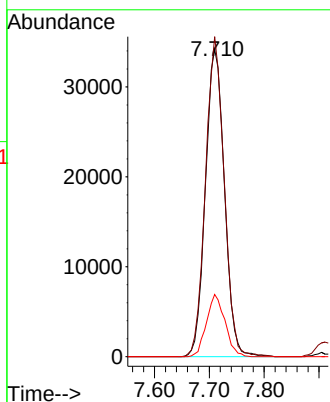
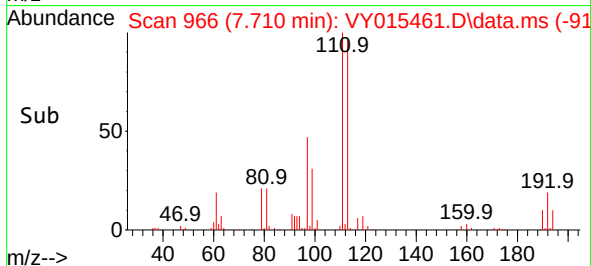
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 113 Resp: 82240
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3

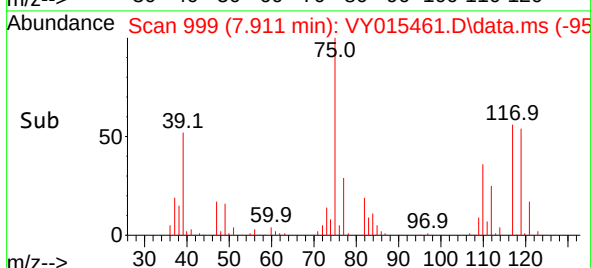
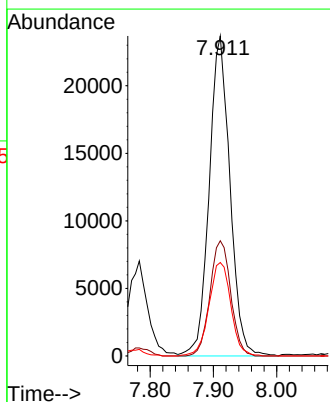
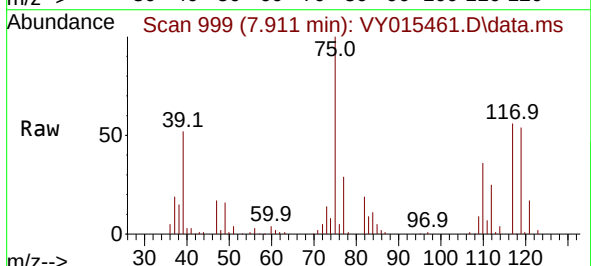
Manual Integrations
APPROVED

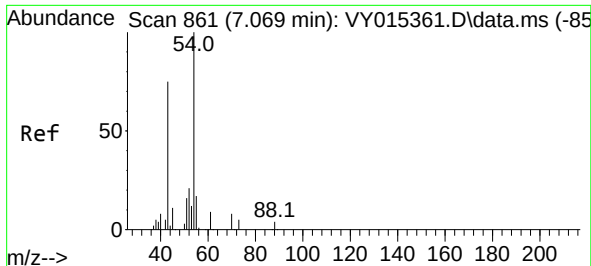
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#36
1,1-Dichloropropene
Concen: 17.053 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 75 Resp: 53963
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 20.788 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBS01

Tgt Ion: 43 Resp: 50730

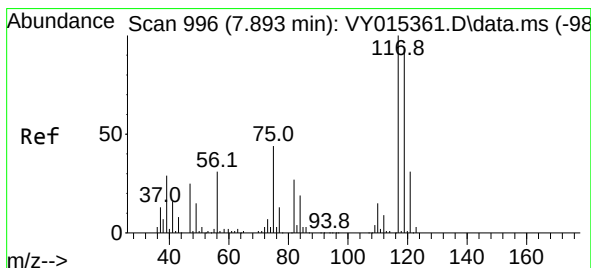
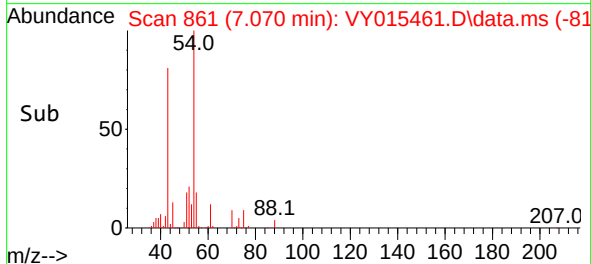
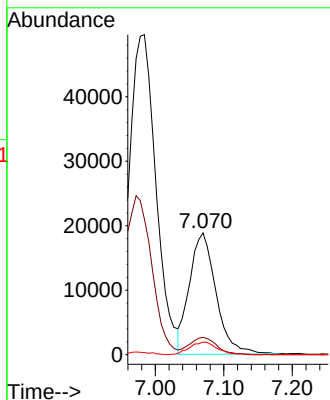
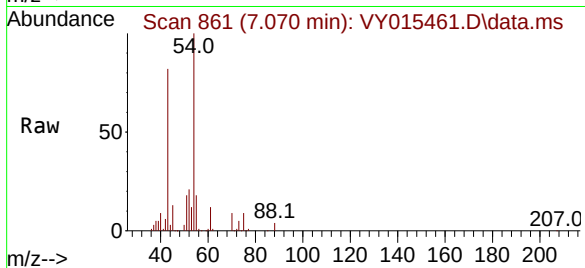
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.1	15.1
70	10.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Carbon Tetrachloride

Concen: 18.090 ug/l

RT: 7.893 min Scan# 996

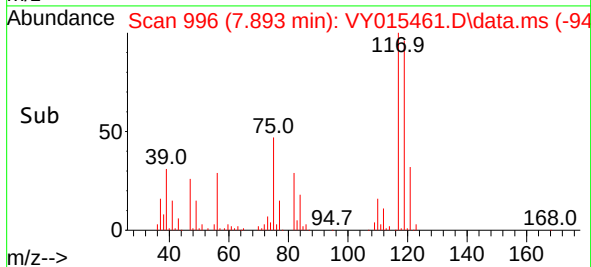
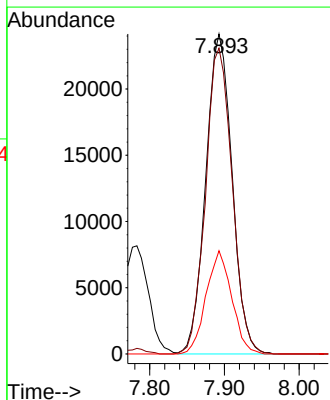
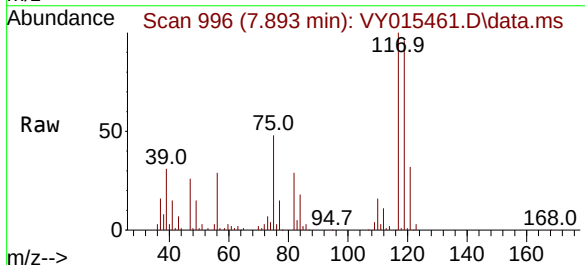
Delta R.T. 0.000 min

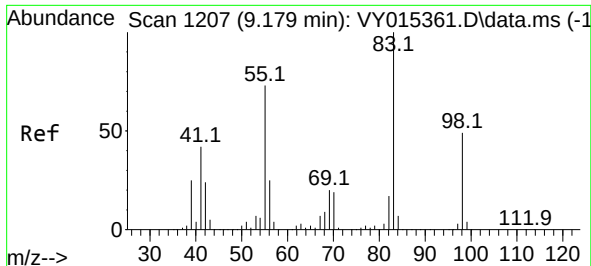
Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion:117 Resp: 59123

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
121	32.3	25.8	38.6





#39

Methylcyclohexane

Concen: 15.858 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBS01

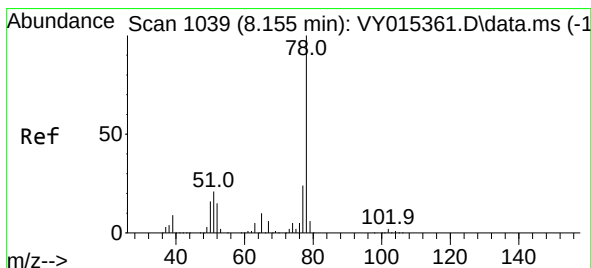
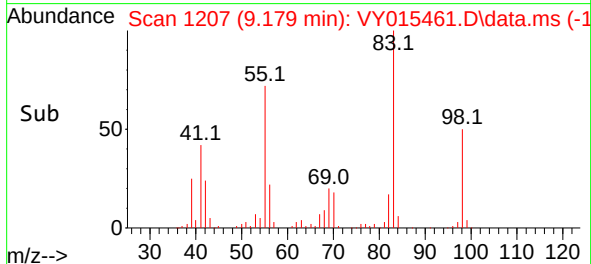
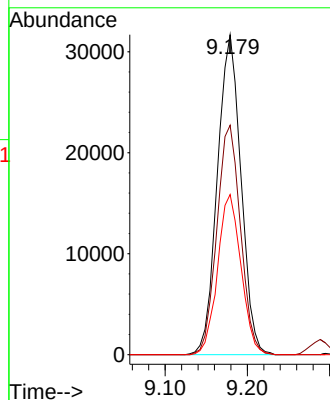
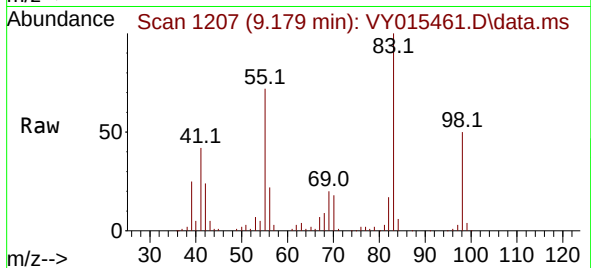
Tgt Ion: 83	Resp: 6317
Ion Ratio	Lower Upper
83 100	
55 71.7	63.0 94.4
98 50.1	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Benzene

Concen: 18.428 ug/l

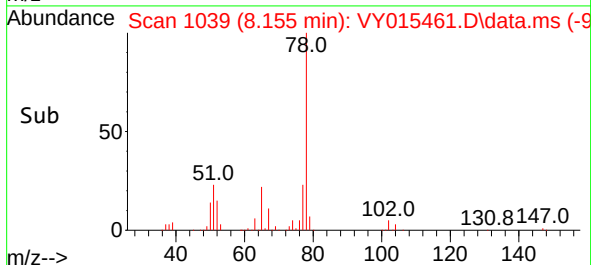
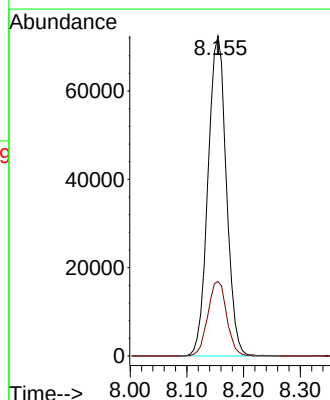
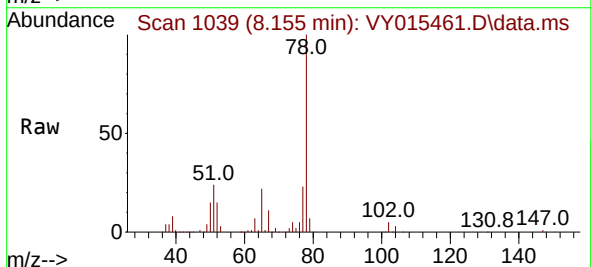
RT: 8.155 min Scan# 1039

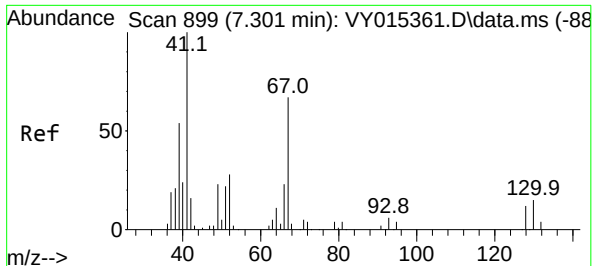
Delta R.T. 0.006 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

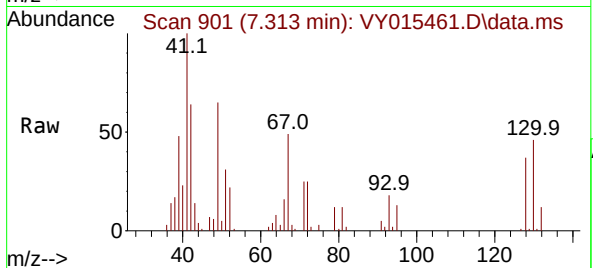
Tgt Ion: 78	Resp: 162703
Ion Ratio	Lower Upper
78 100	
77 23.3	19.0 28.6





#41
Methacrylonitrile
Concen: 21.501 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

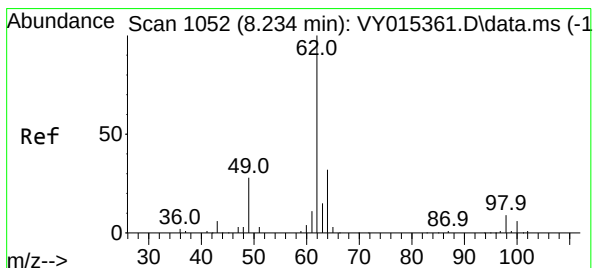
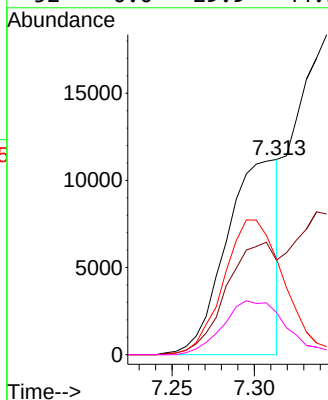
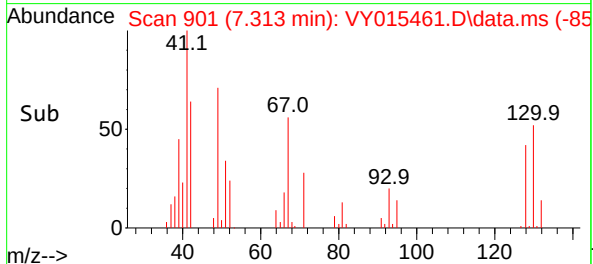
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 41 Resp: 24608
Ion Ratio Lower Upper
41 100
39 81.7 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

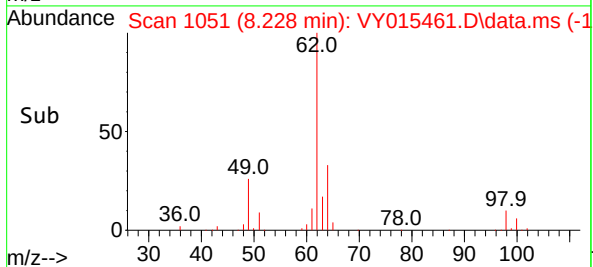
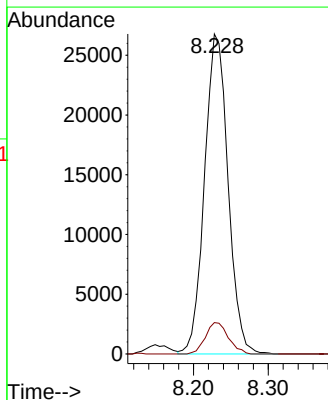
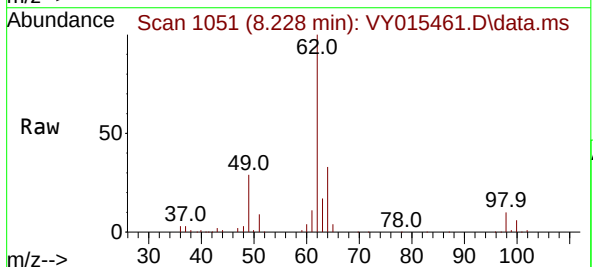
Manual Integrations
APPROVED

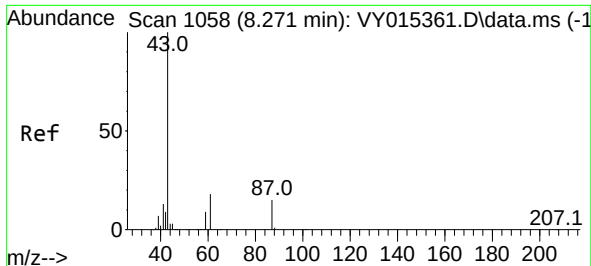
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
1,2-Dichloroethane
Concen: 19.878 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

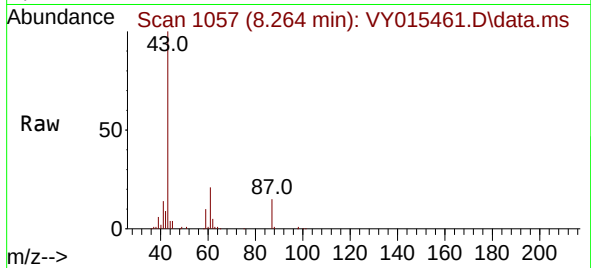
Tgt Ion: 62 Resp: 58523
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.135 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

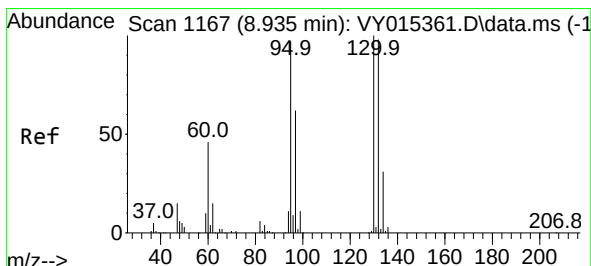
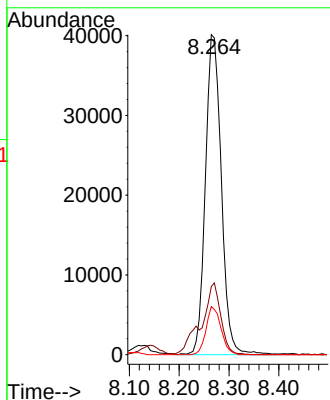
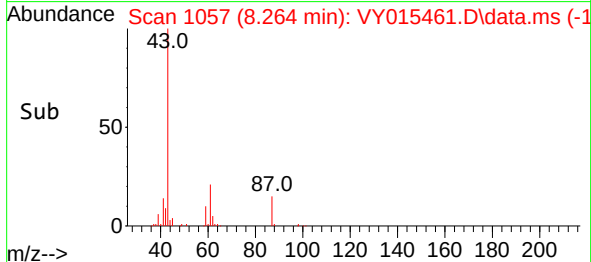
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.1	31.7
87	14.0	9.8	14.8

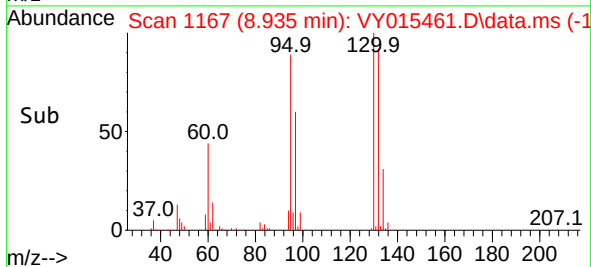
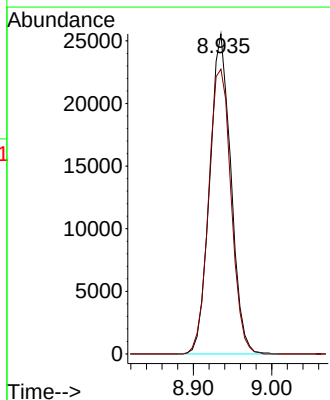
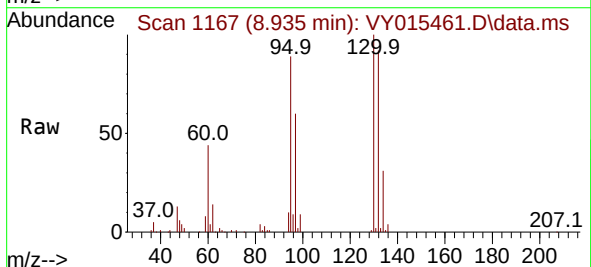
Manual Integrations
APPROVED

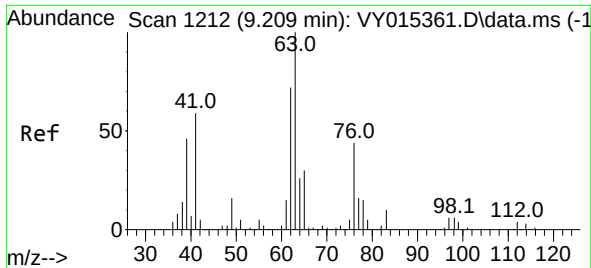
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#44
Trichloroethene
Concen: 19.230 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

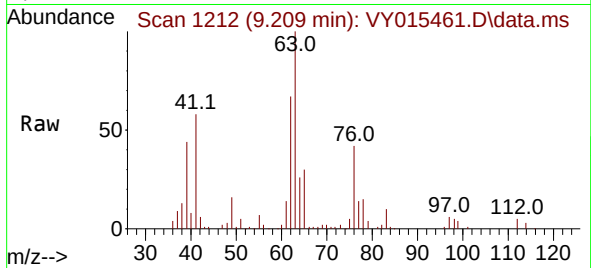
Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	196.0





#45
1,2-Dichloropropane
Concen: 19.664 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

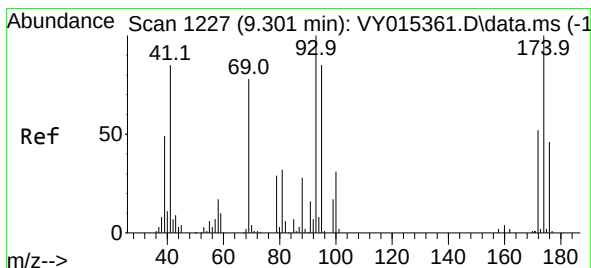
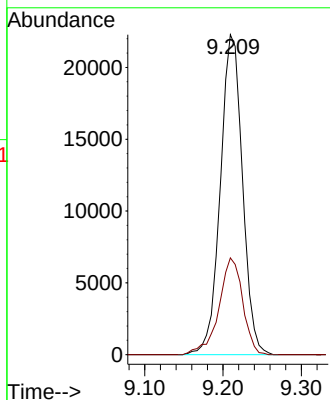
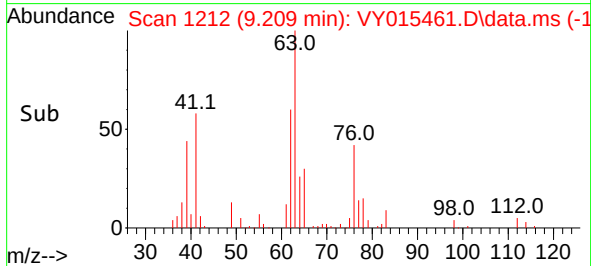
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 63 Resp: 4376
Ion Ratio Lower Upper
63 100
65 30.2 23.8 35.6

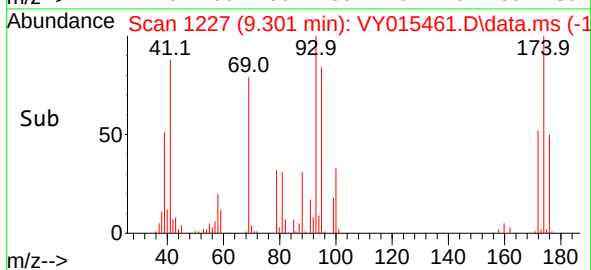
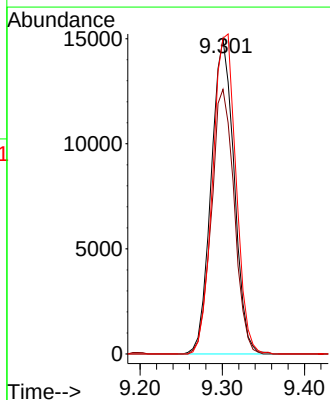
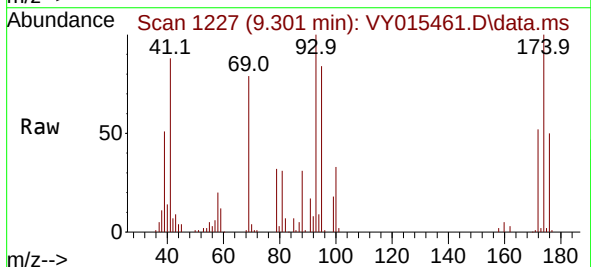
Manual Integrations
APPROVED

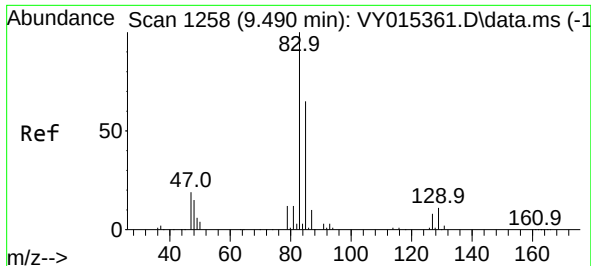
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#46
Dibromomethane
Concen: 19.627 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 93 Resp: 29017
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 103.6 84.8 127.2





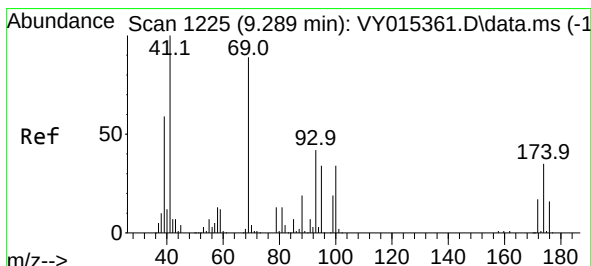
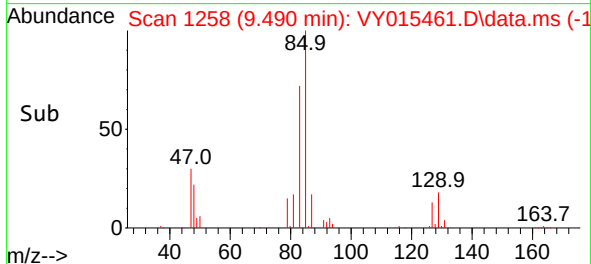
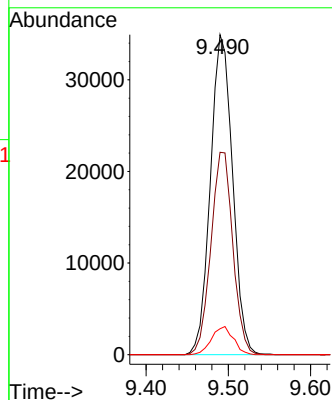
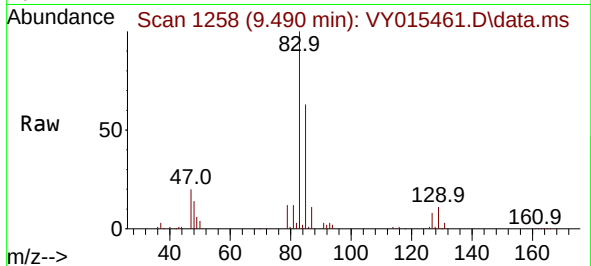
#47
Bromodichloromethane
Concen: 20.670 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion: 83 Resp: 65352
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.1 7.1 10.7

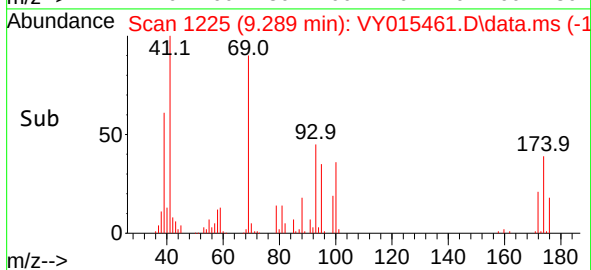
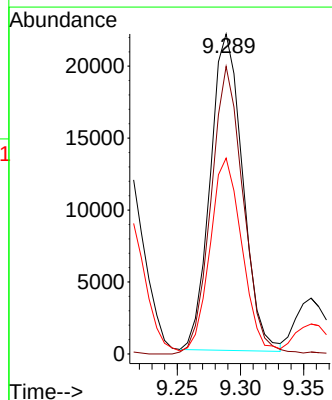
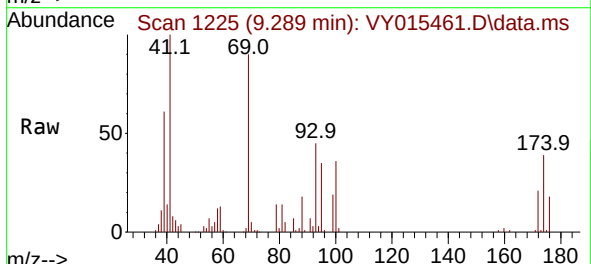
Manual Integrations
APPROVED

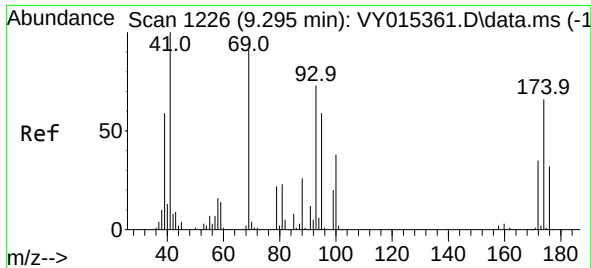
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
Methyl methacrylate
Concen: 20.278 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

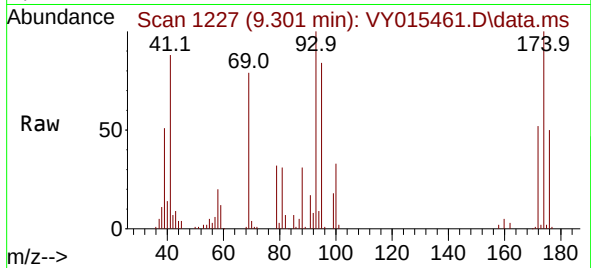
Tgt Ion: 41 Resp: 39265
Ion Ratio Lower Upper
41 100
69 90.3 64.5 96.7
39 61.5 50.8 76.2





#49
1,4-Dioxane
Concen: 457.665 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

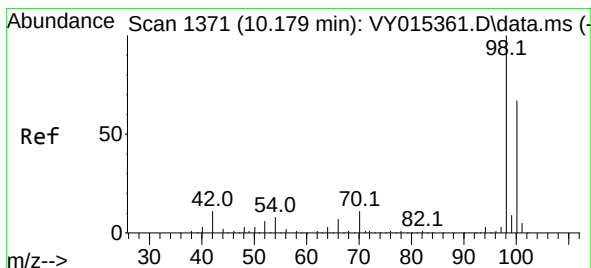
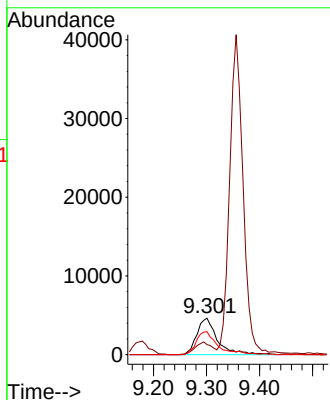
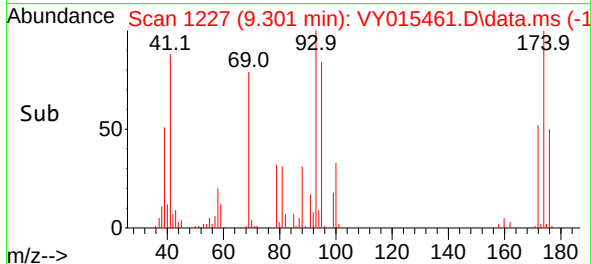
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 88 Resp: 1256
Ion Ratio Lower Upper
88 100
43 28.2 0.0 0.0
58 65.2 30.9 46.3

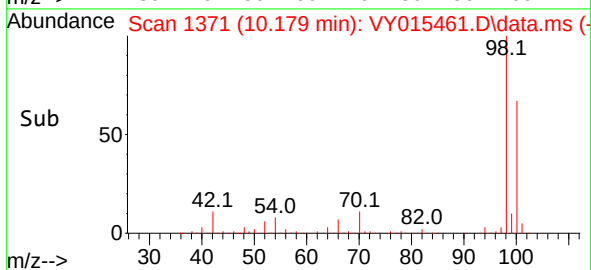
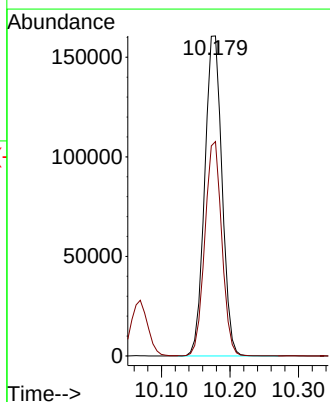
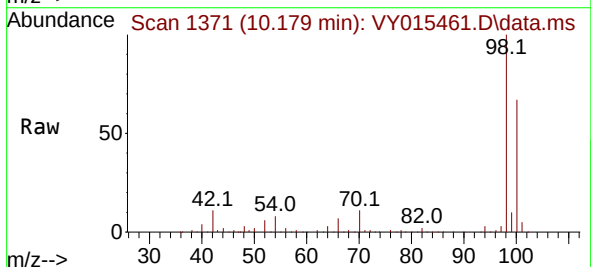
Manual Integrations
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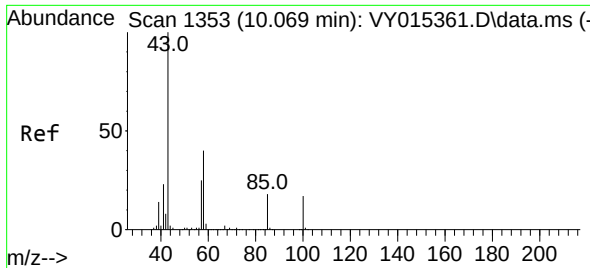
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
Toluene-d8
Concen: 43.297 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 98 Resp: 282582
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





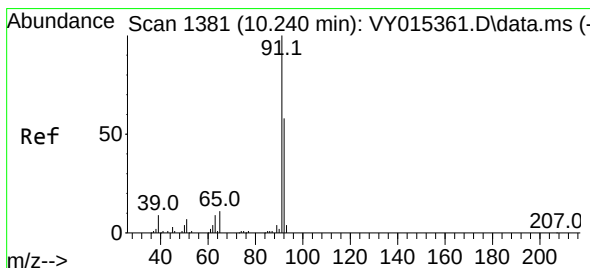
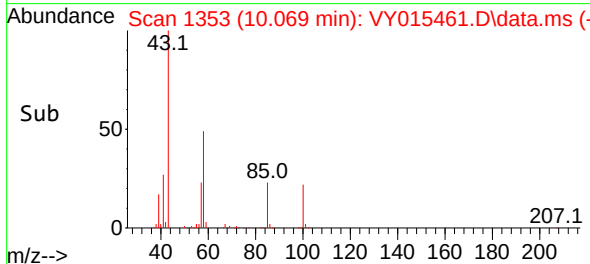
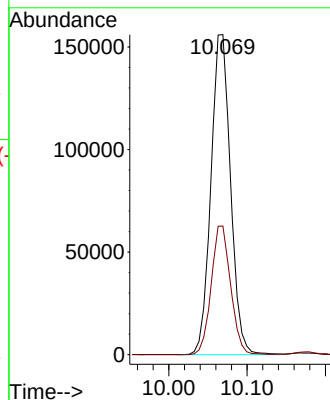
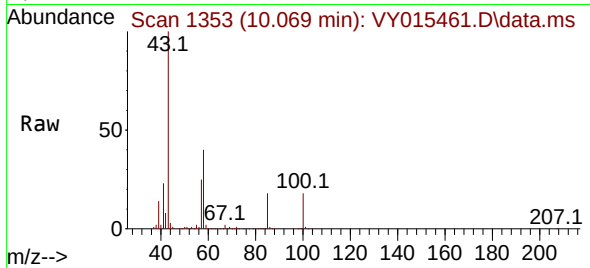
#51
4-Methyl-2-Pentanone
Concen: 110.749 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion: 43 Resp: 271660
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

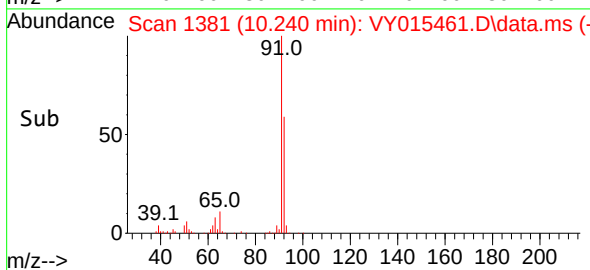
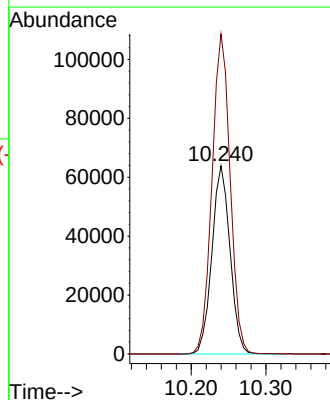
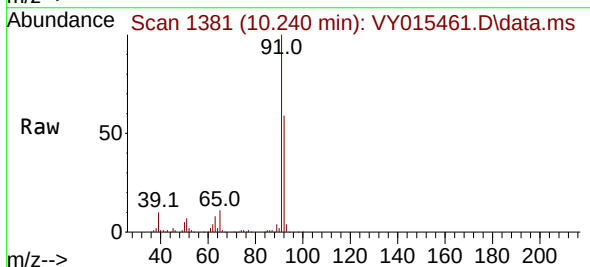
Manual Integrations
APPROVED

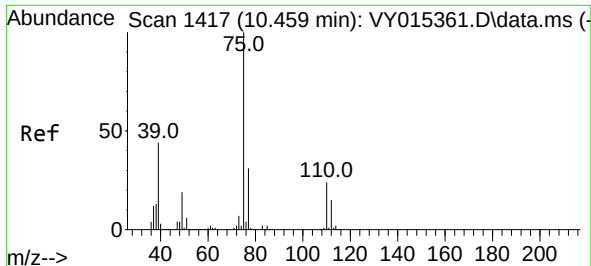
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
Toluene
Concen: 18.949 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 92 Resp: 107231
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





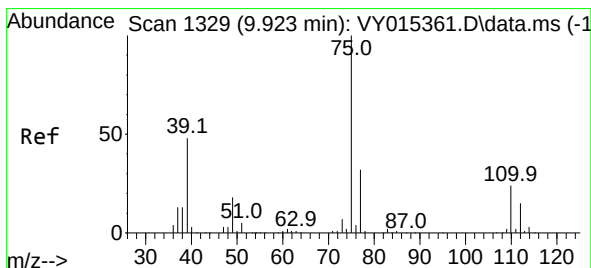
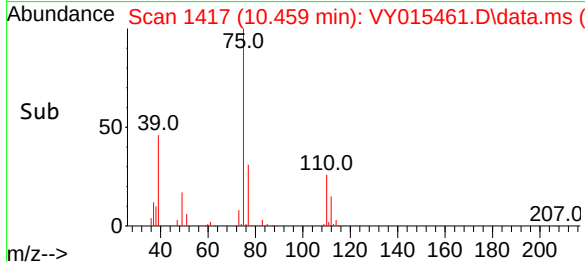
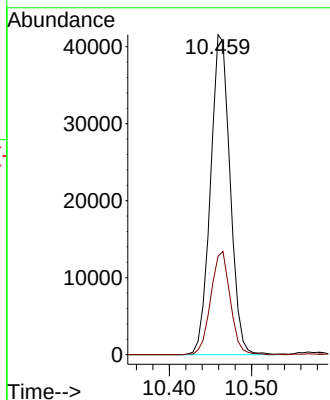
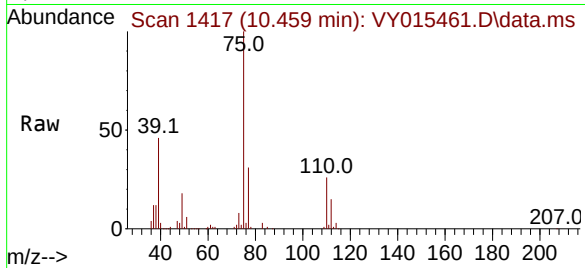
#53
t-1,3-Dichloropropene
Concen: 20.463 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01

Tgt Ion: 75 Resp: 68750
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4

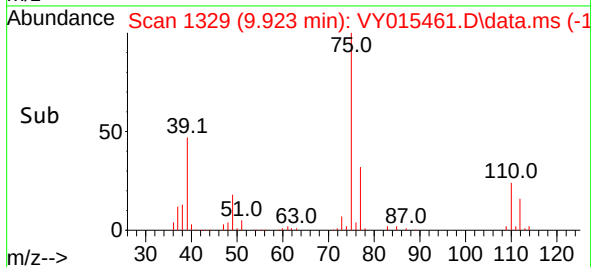
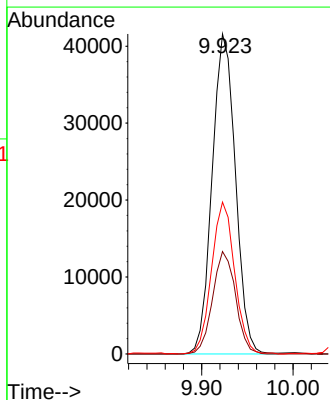
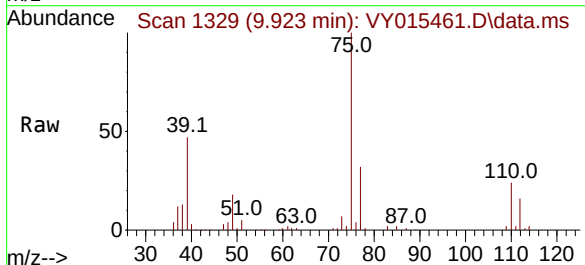
Manual Integrations
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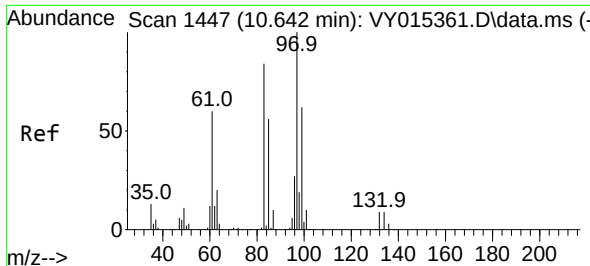
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#54
cis-1,3-Dichloropropene
Concen: 20.141 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

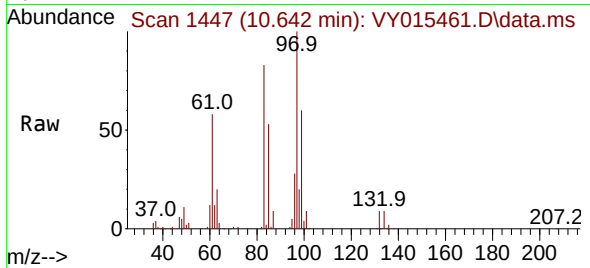
Tgt Ion: 75 Resp: 73619
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 47.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.199 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

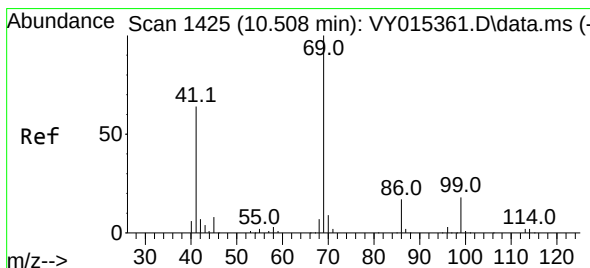
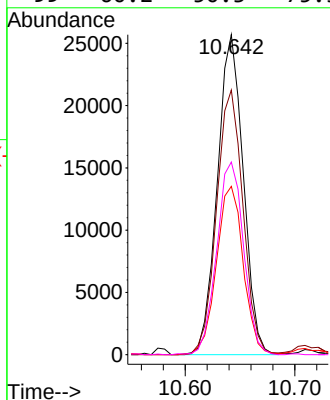
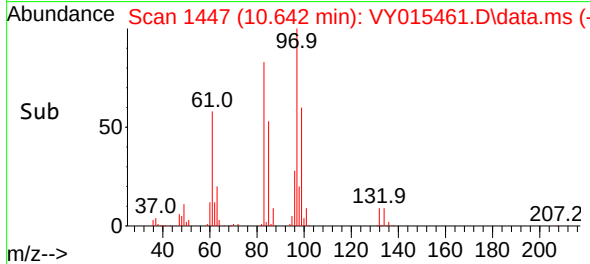
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion:	97	Resp:	42229
Ion	Ratio	Lower	Upper
97	100		
83	82.7	72.0	108.0
85	52.6	45.4	68.0
99	60.2	50.3	75.5

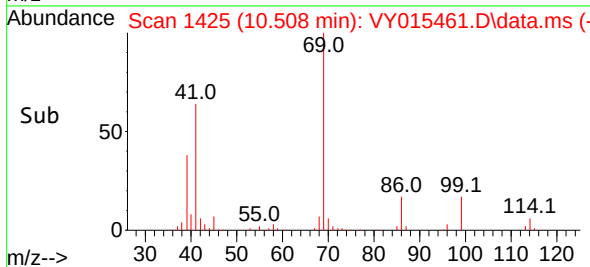
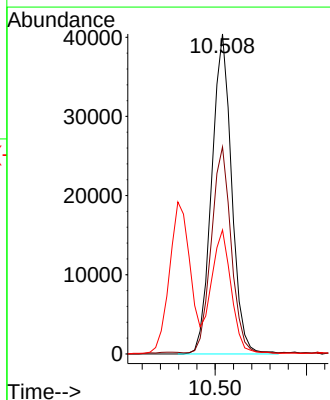
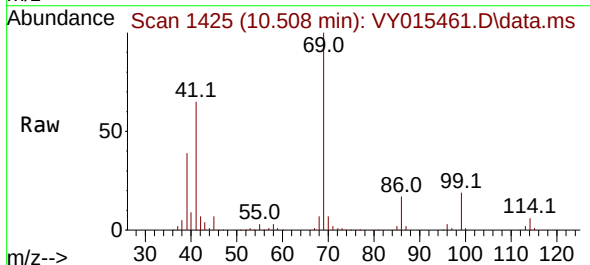
Manual Integrations
APPROVED

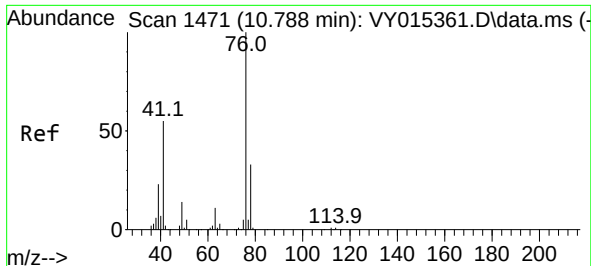
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Ethyl methacrylate
Concen: 20.739 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:	69	Resp:	61223
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.6	86.4
39	38.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.573 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

Tgt Ion: 76 Resp: 70549

Ion Ratio Lower Upper

76 100

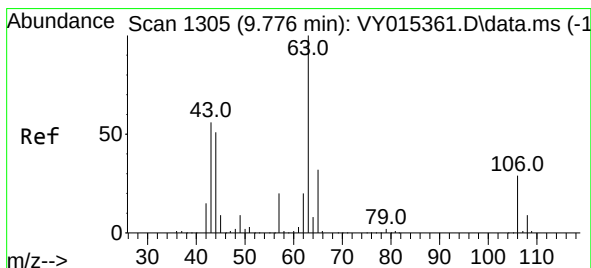
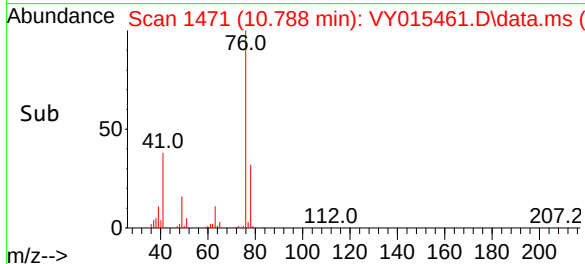
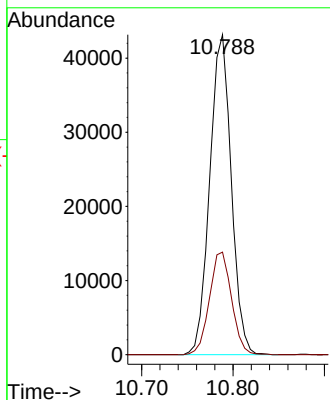
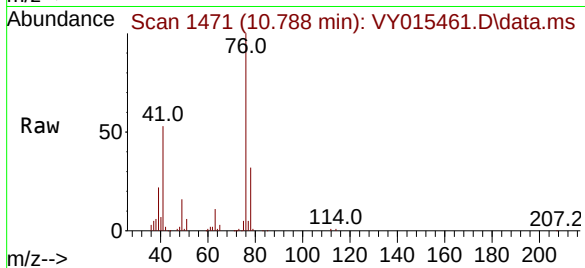
78 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 105.743 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY015461.D

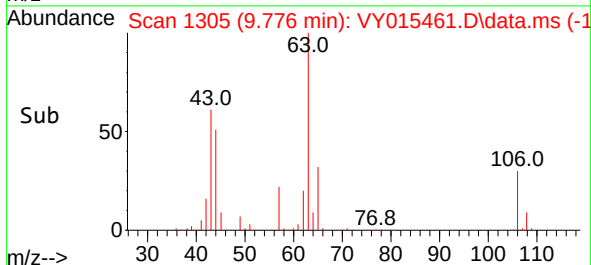
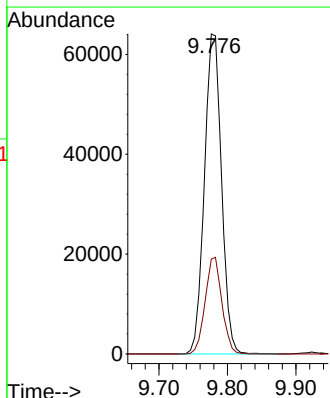
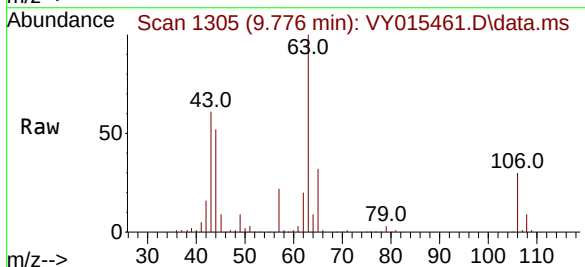
Acq: 07 Sep 2023 10:58

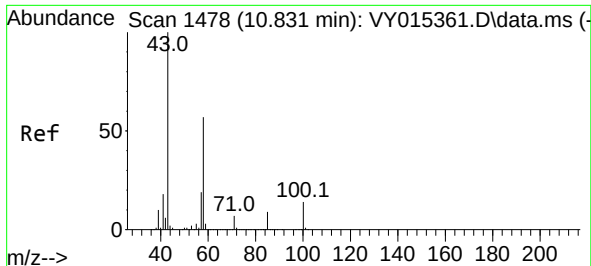
Tgt Ion: 63 Resp: 111419

Ion Ratio Lower Upper

63 100

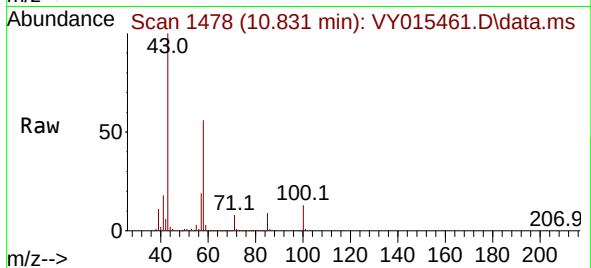
106 29.5 21.2 31.8





#59
2-Hexanone
Concen: 112.781 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

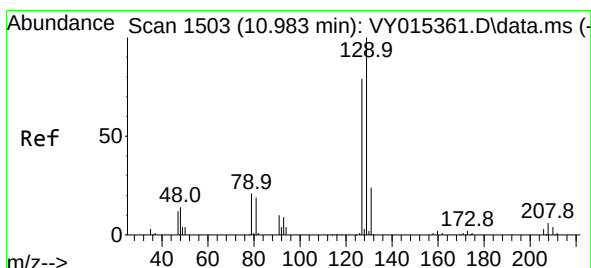
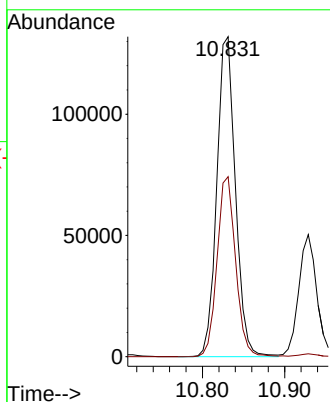
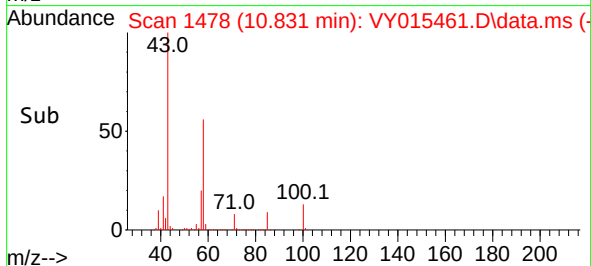
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion: 43 Resp: 20758
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3

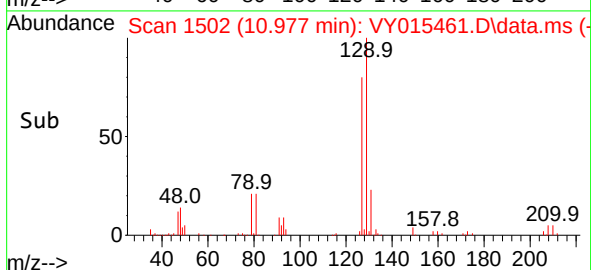
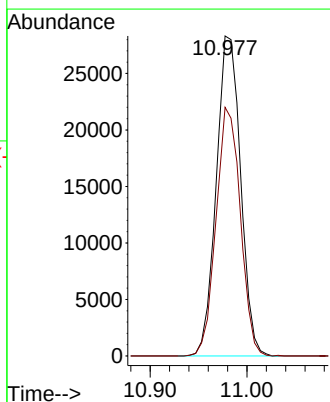
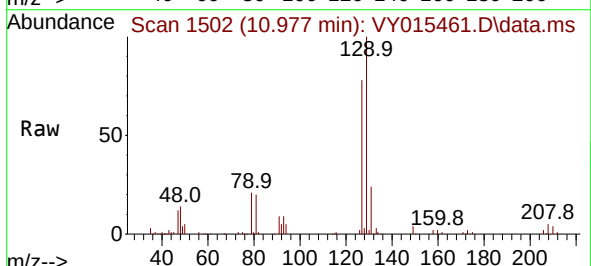
Manual Integrations
APPROVED

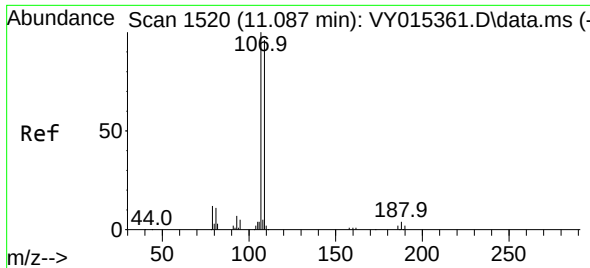
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#60
Dibromochloromethane
Concen: 21.193 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

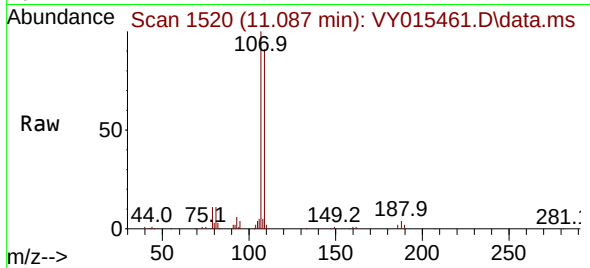
Tgt Ion:129 Resp: 49413
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.745 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

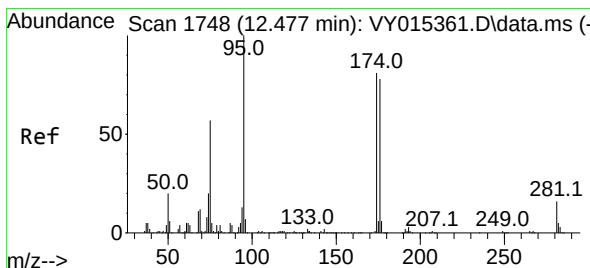
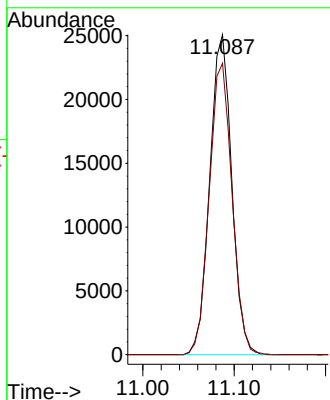
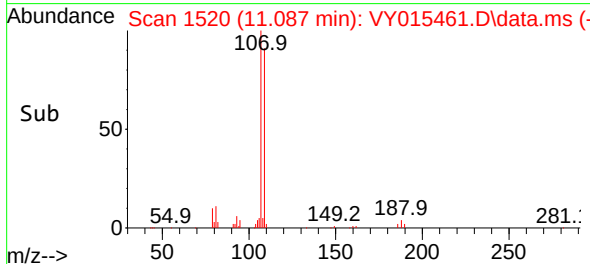
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



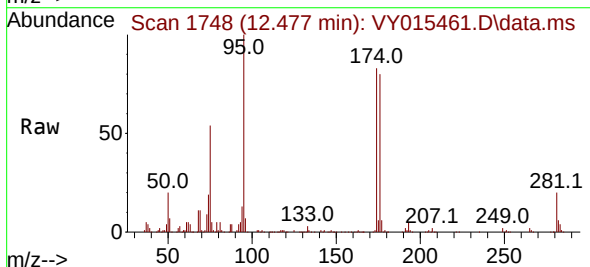
Tgt Ion:107 Resp: 41874
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

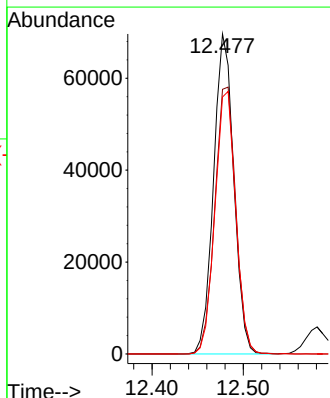
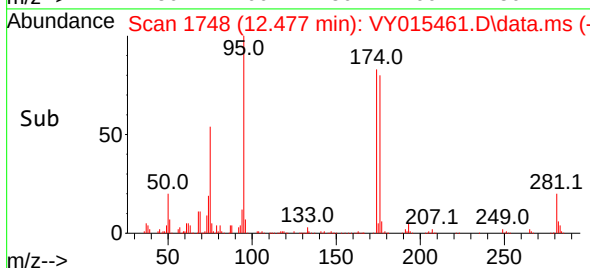
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

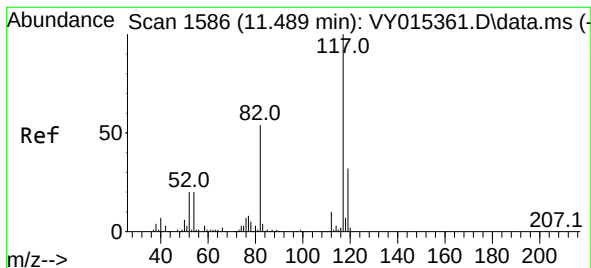


#62
4-Bromofluorobenzene
Concen: 44.125 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



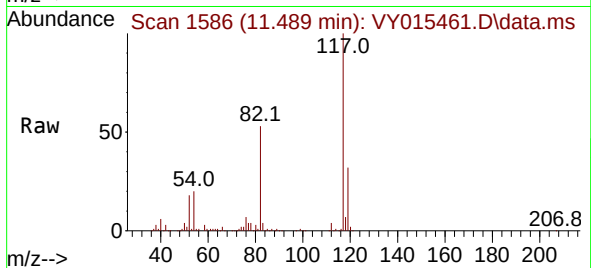
Tgt Ion: 95 Resp: 106910
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

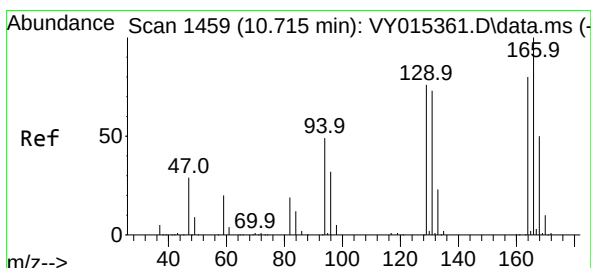
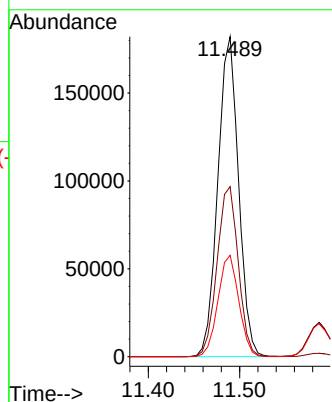
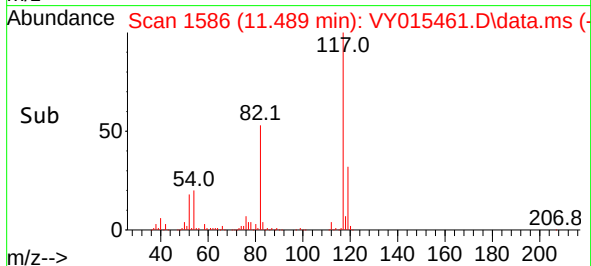
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion:117 Resp: 287144
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5

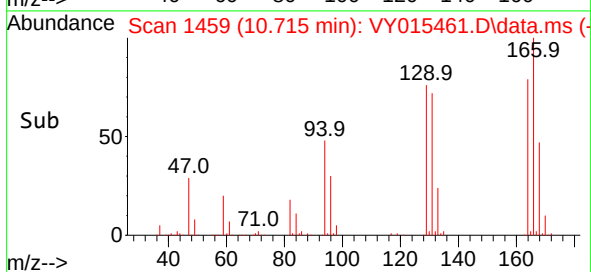
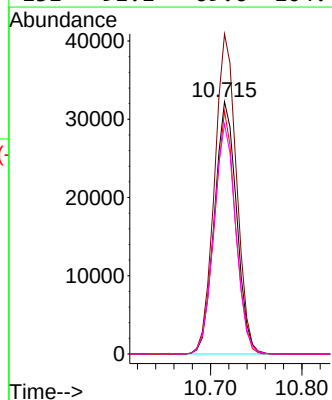
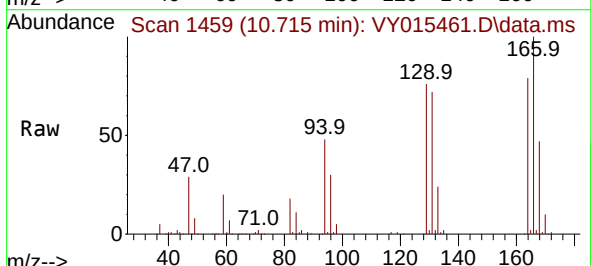
Manual Integrations
APPROVED

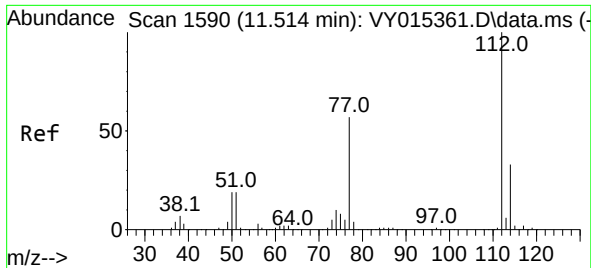
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Tetrachloroethene
Concen: 20.791 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

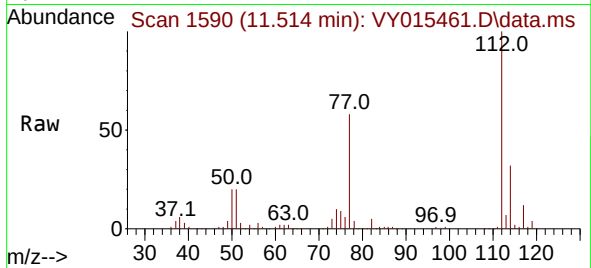
Tgt Ion:164 Resp: 54187
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 96.3 77.2 115.8
131 91.1 69.6 104.4





#65
Chlorobenzene
Concen: 19.823 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

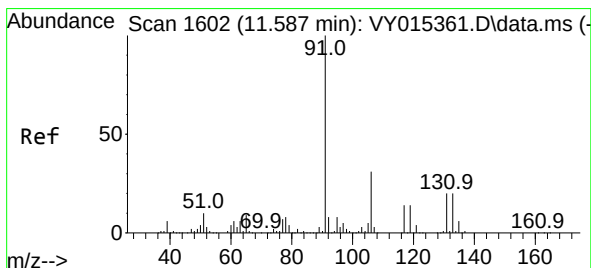
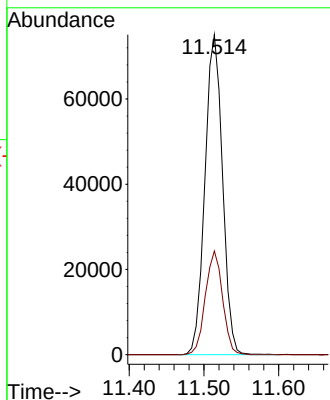
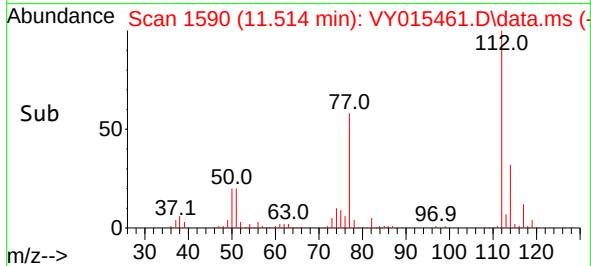
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



Tgt Ion:112 Resp: 12265
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

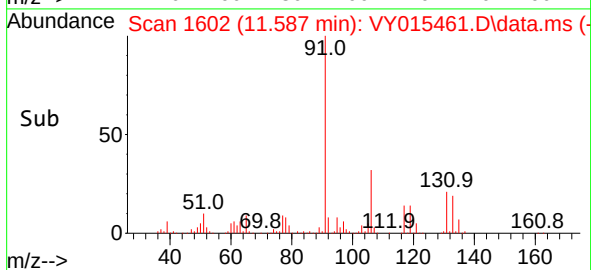
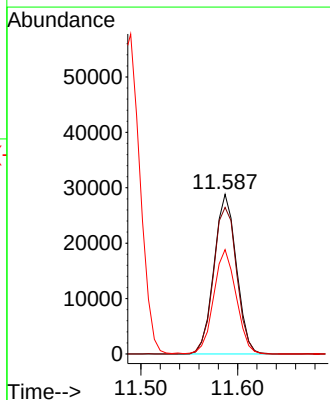
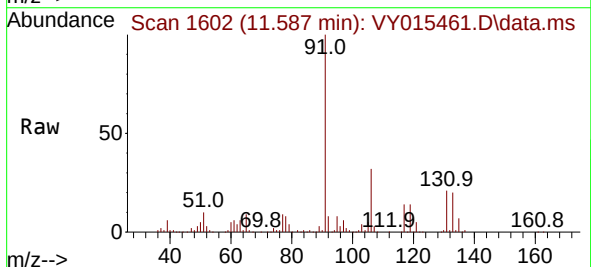
Manual Integrations
APPROVED

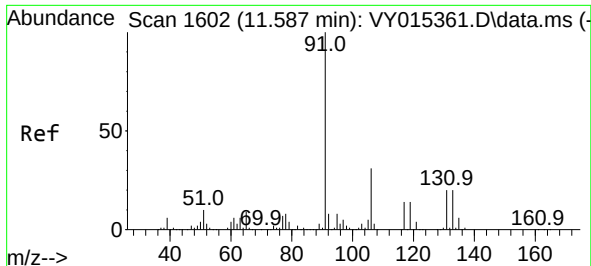
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:131 Resp: 46357
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 19.000 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBS01

Tgt Ion: 91 Resp: 211098

Ion Ratio Lower Upper

91 100

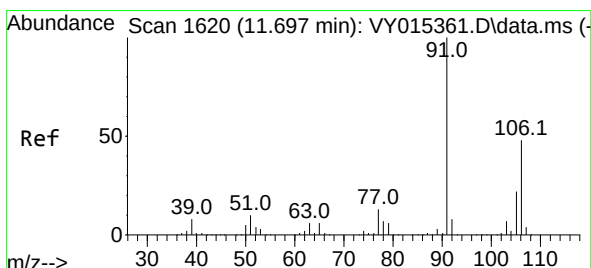
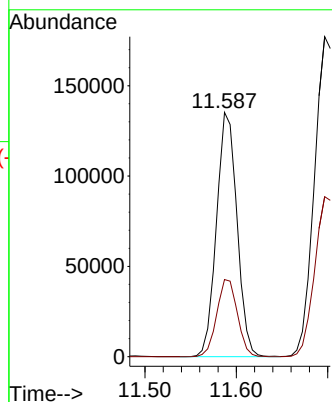
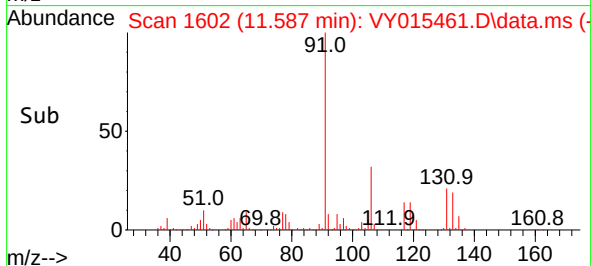
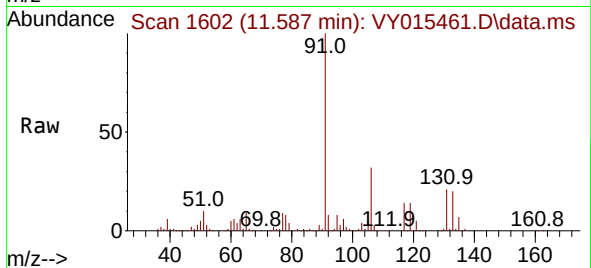
106 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#68

m/p-Xylenes

Concen: 38.270 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015461.D

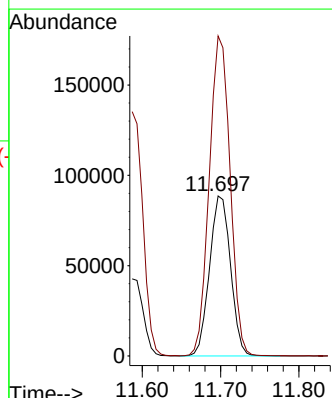
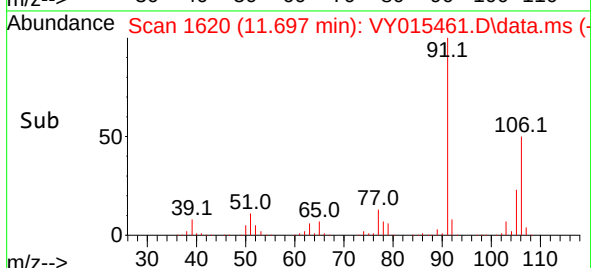
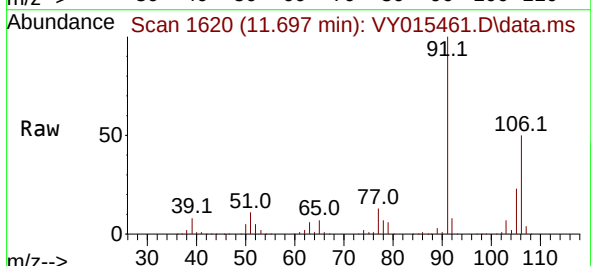
Acq: 07 Sep 2023 10:58

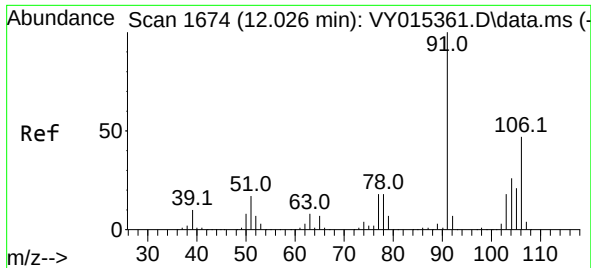
Tgt Ion:106 Resp: 164815

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1





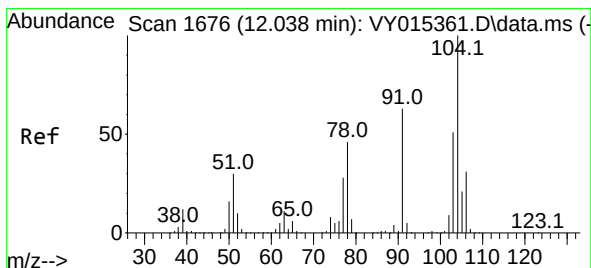
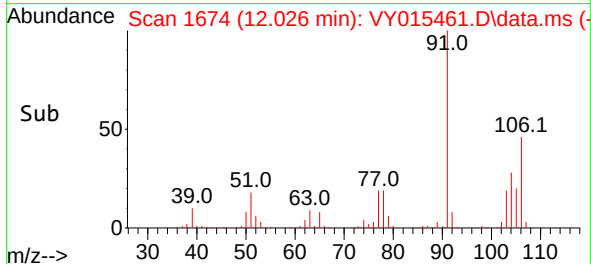
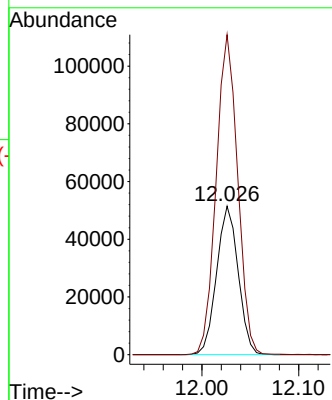
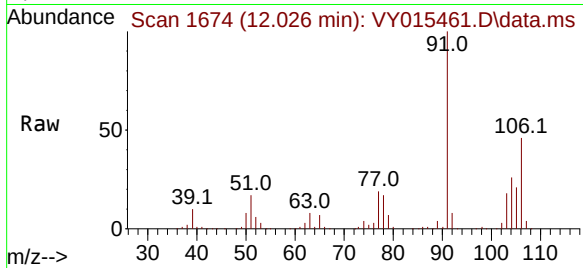
#69
o-Xylene
Concen: 19.363 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion:106 Resp: 7969
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3

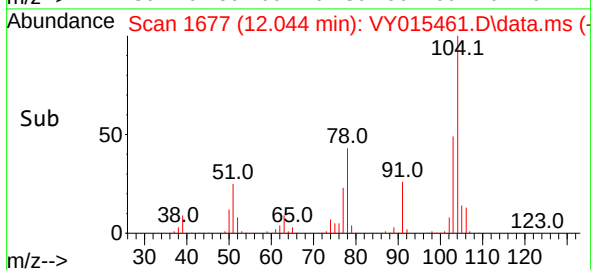
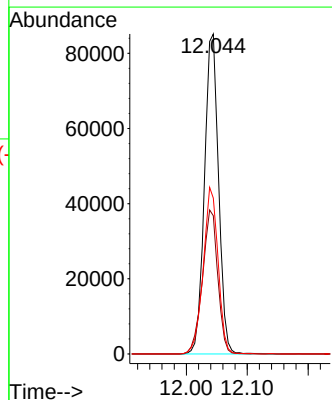
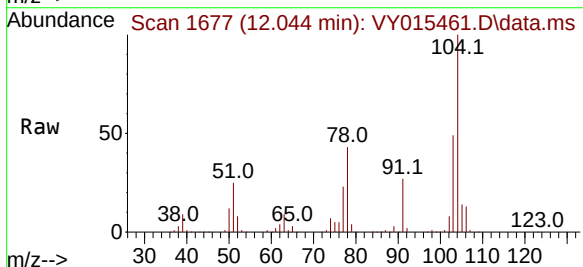
Manual Integrations
APPROVED

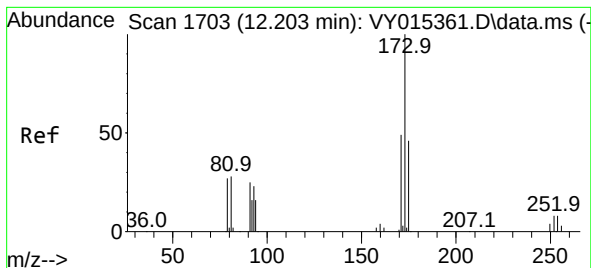
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Styrene
Concen: 19.805 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:104 Resp: 137063
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 22.209 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

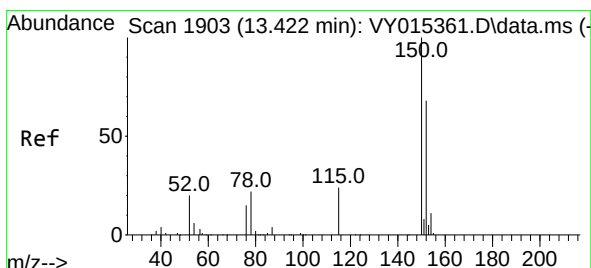
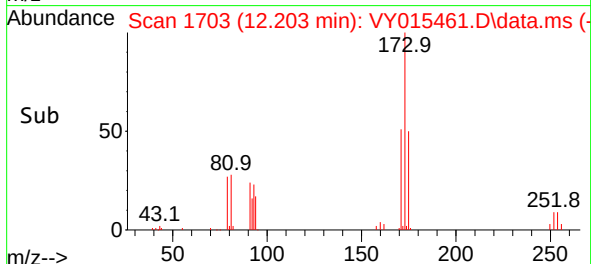
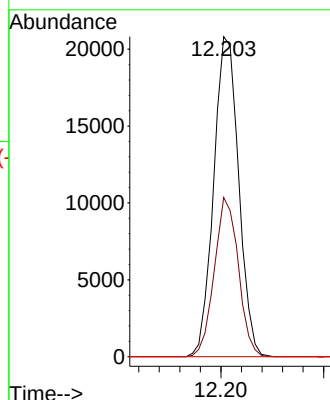
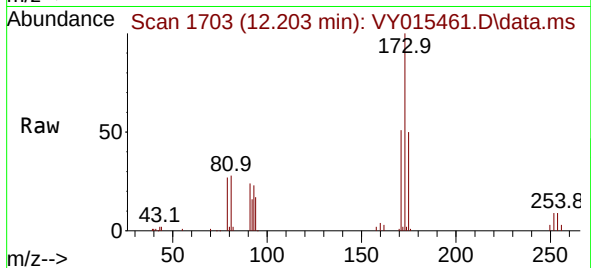
Tgt Ion:173	Resp:	35080
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.6 73.8
254	0.0	0.2 0.2

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

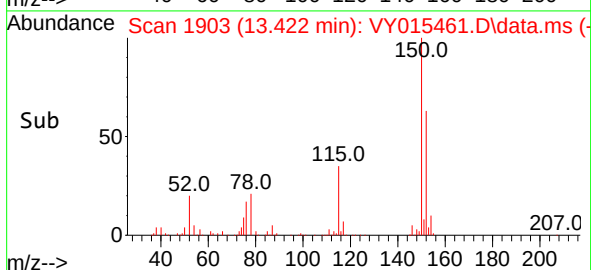
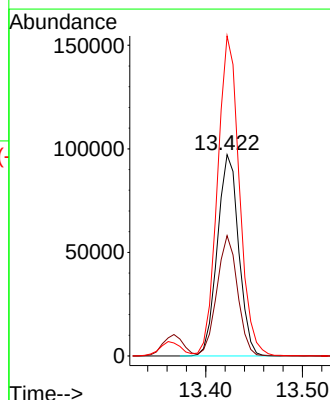
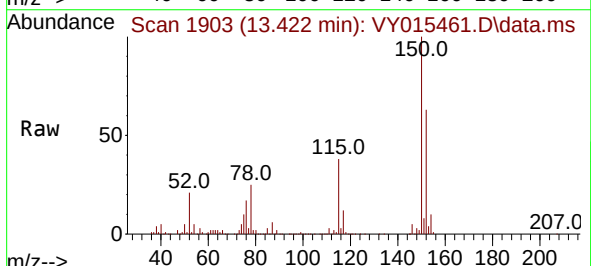
RT: 13.422 min Scan# 1903

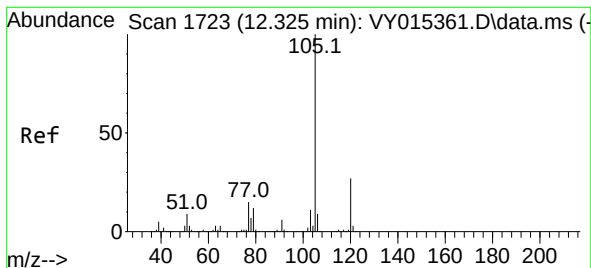
Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion:152	Resp:	148805
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.8 86.5
150	163.2	0.0 348.8





#73

Isopropylbenzene

Concen: 18.845 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

Tgt Ion:105 Resp: 210638

Ion Ratio Lower Upper

105 100

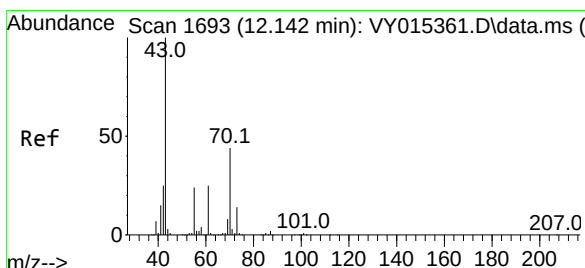
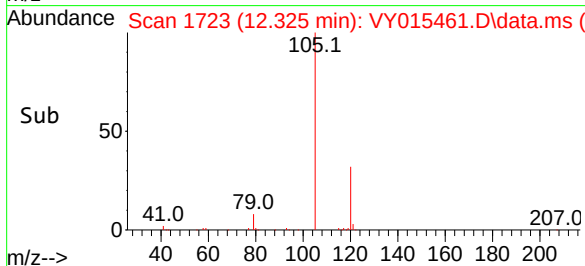
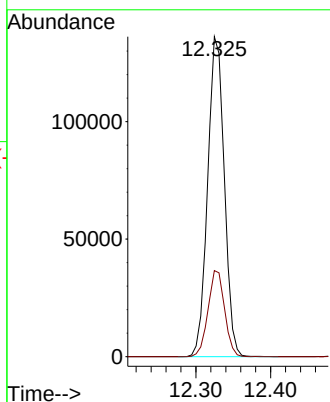
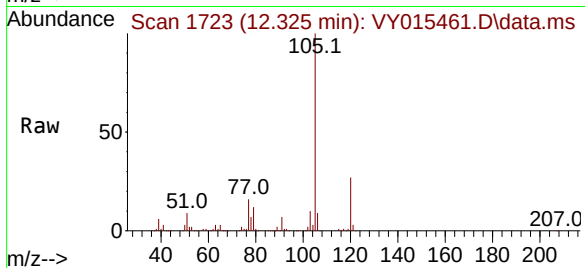
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#74

N-ethyl acetate

Concen: 20.447 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion: 43 Resp: 76782

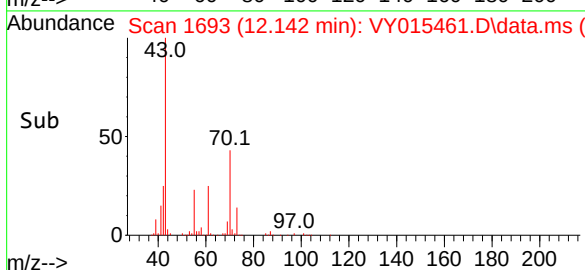
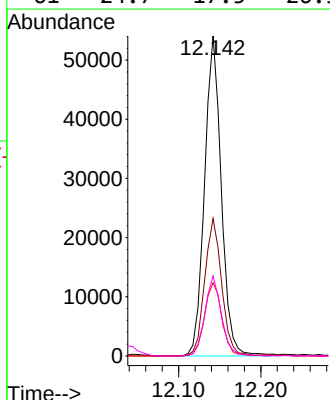
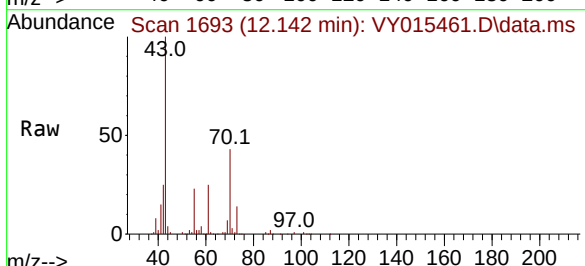
Ion Ratio Lower Upper

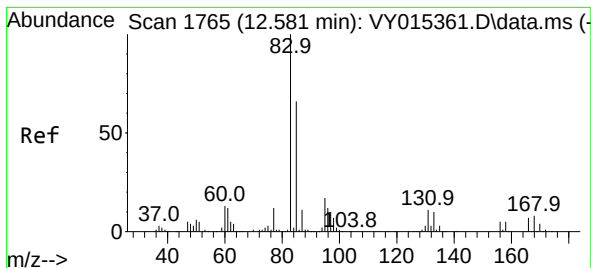
43 100

70 43.5 29.7 44.5

55 23.7 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.461 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBSD01

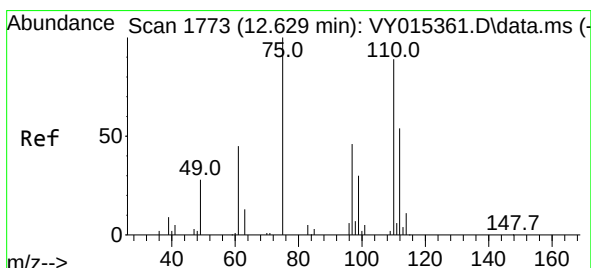
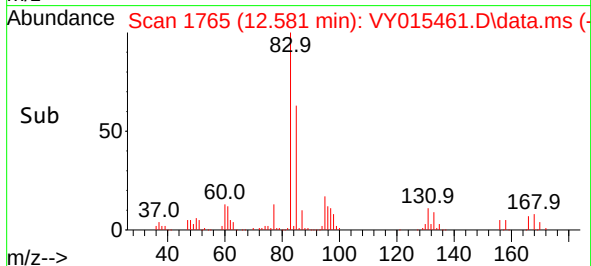
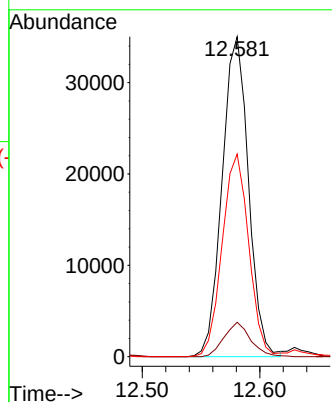
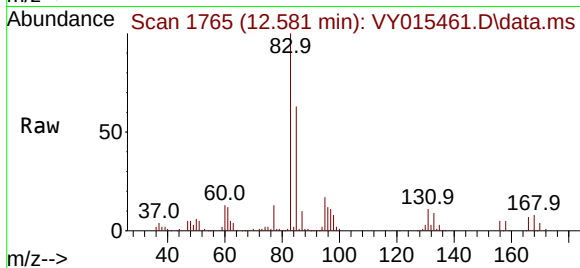
Tgt Ion:	83	Resp:	5459
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	64.2	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#76

1,2,3-Trichloropropane

Concen: 20.394 ug/l m

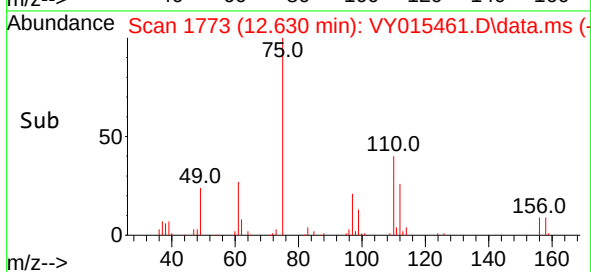
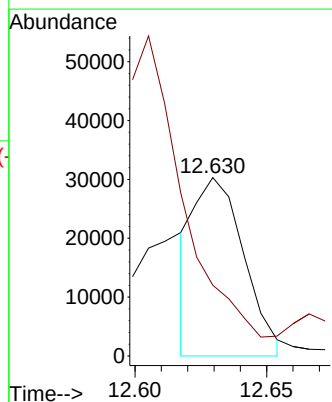
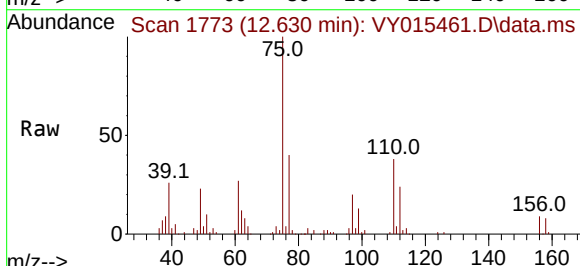
RT: 12.630 min Scan# 1773

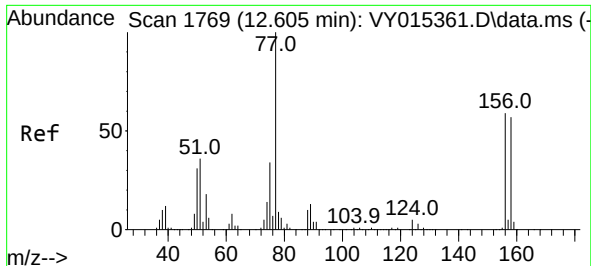
Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

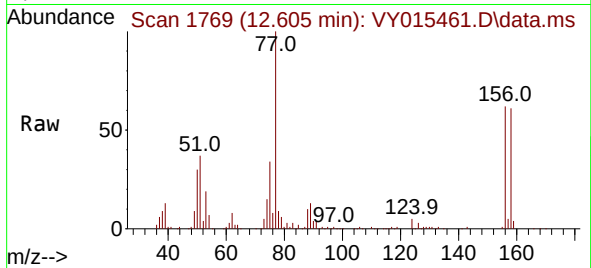
Tgt Ion:	75	Resp:	40244
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 19.896 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

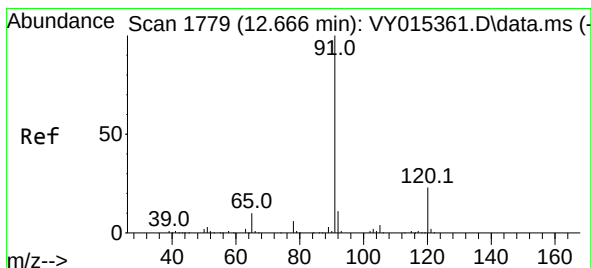
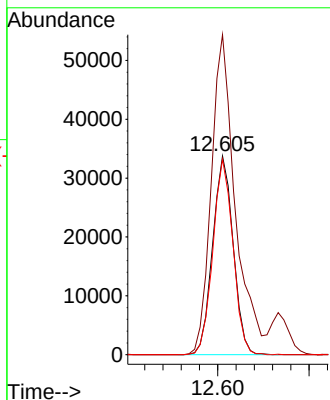
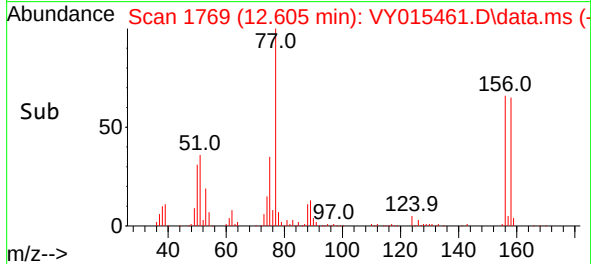
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



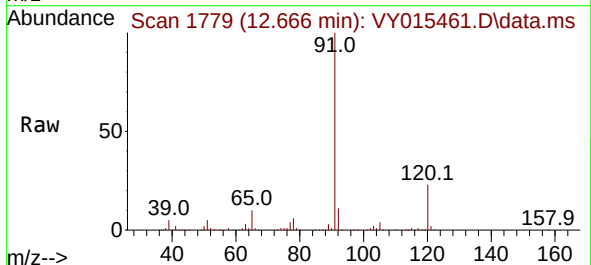
Tgt Ion:156 Resp: 5267
Ion Ratio Lower Upper
156 100
77 186.7 92.8 278.6
158 96.4 48.4 145.3

Manual Integrations
APPROVED

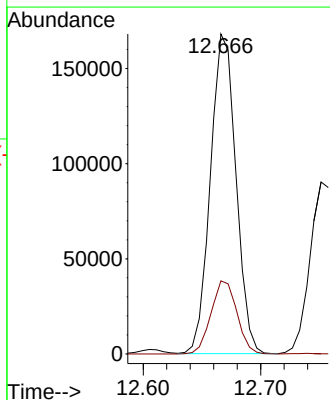
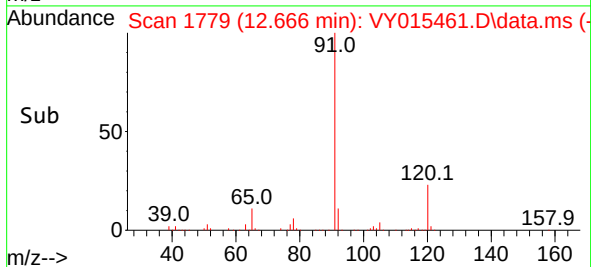
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

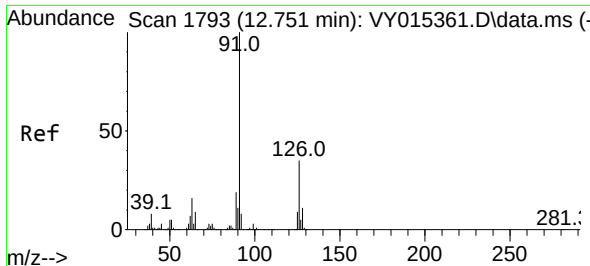


#78
n-propylbenzene
Concen: 18.766 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



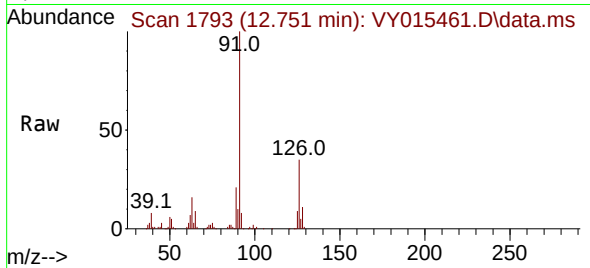
Tgt Ion: 91 Resp: 253810
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.063 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

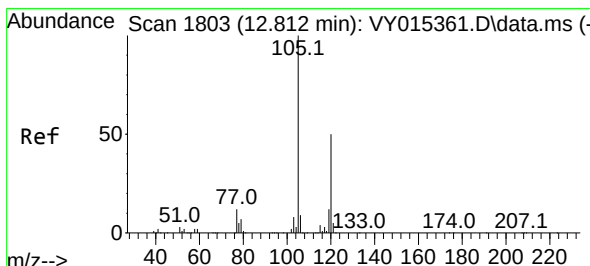
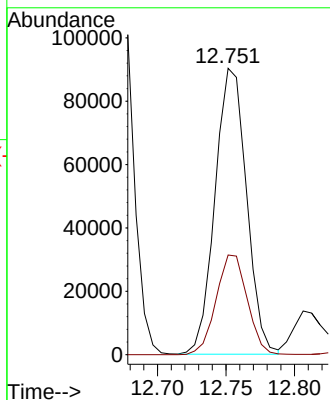
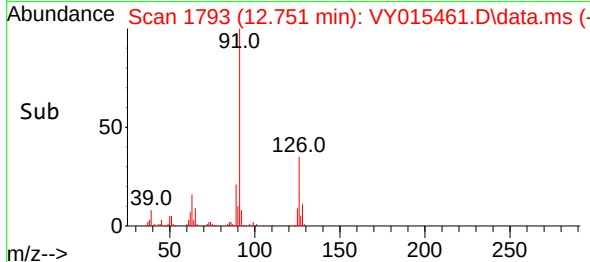
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



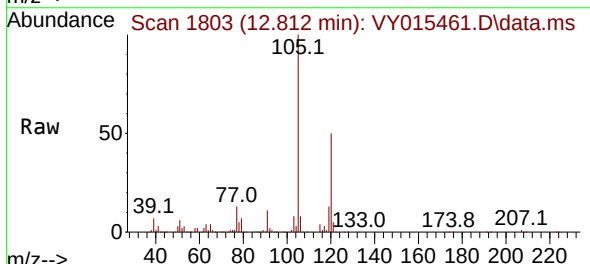
Tgt Ion: 91 Resp: 144600
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

Manual Integrations
APPROVED

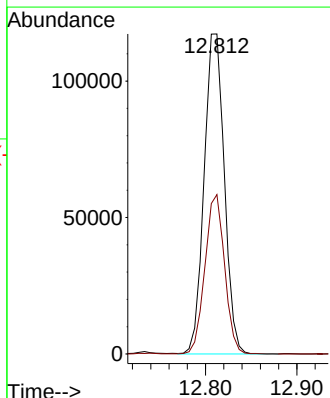
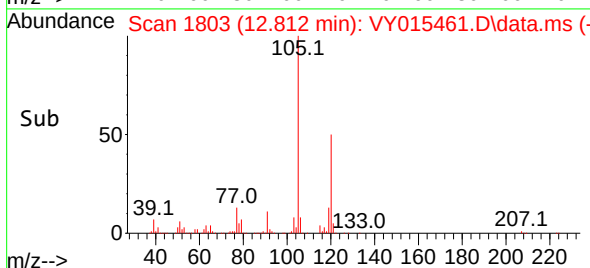
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

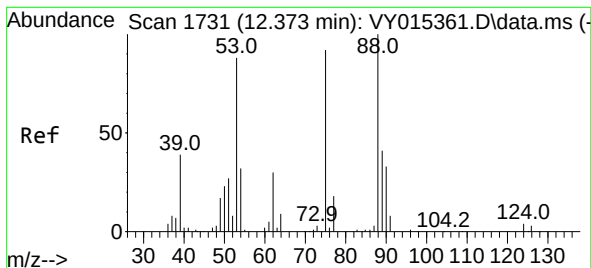


#80
1,3,5-Trimethylbenzene
Concen: 19.256 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



Tgt Ion:105 Resp: 180027
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





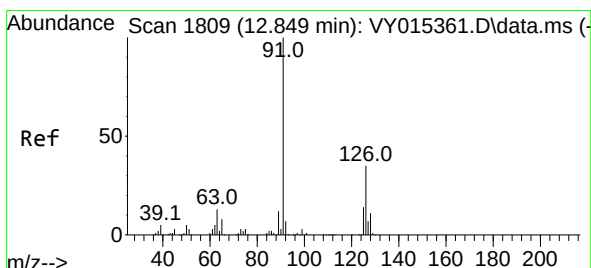
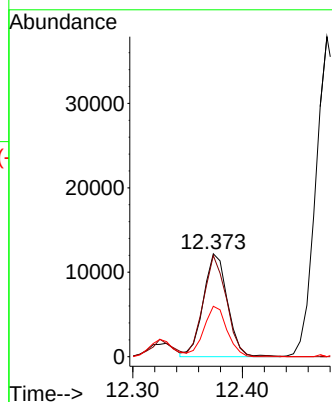
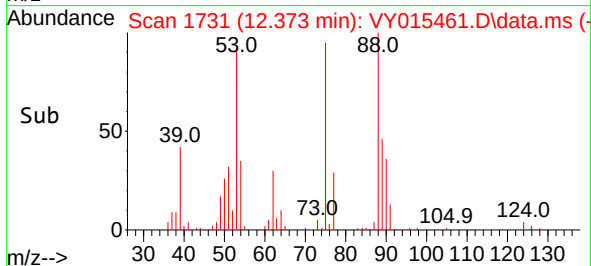
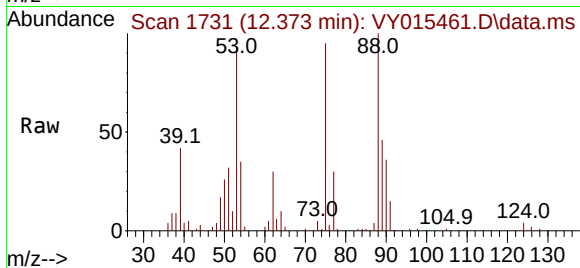
#81
trans-1,4-Dichloro-2-butene
Concen: 20.833 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01

Tgt Ion: 75 Resp: 18630
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 46.9 37.4 56.0

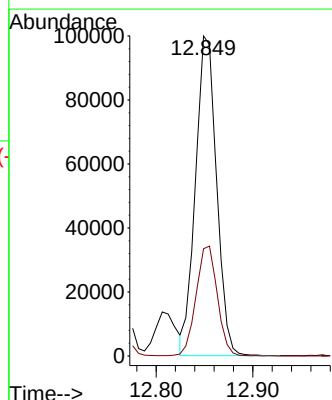
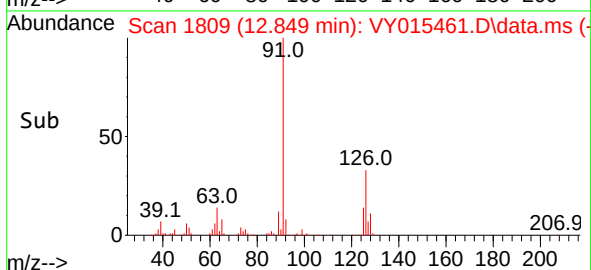
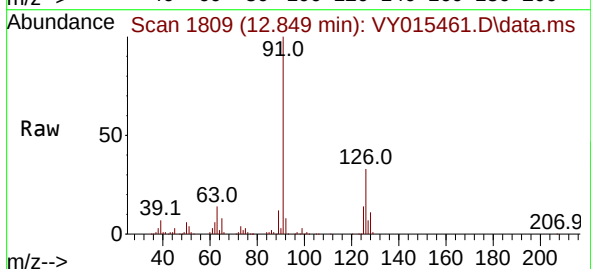
Manual Integrations
APPROVED

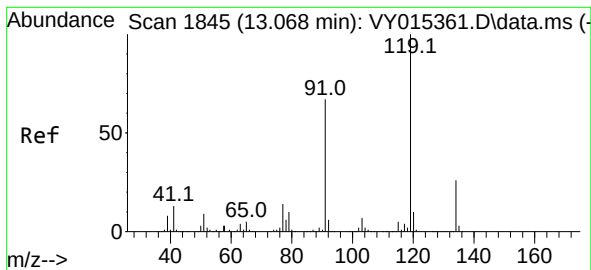
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#82
4-Chlorotoluene
Concen: 19.242 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

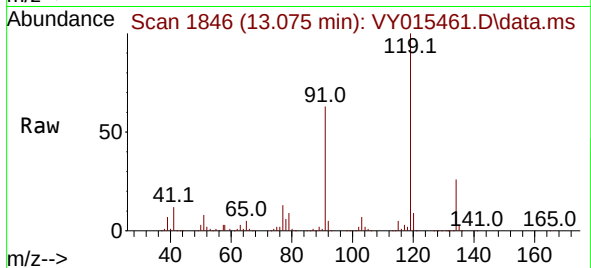
Tgt Ion: 91 Resp: 151704
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.274 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

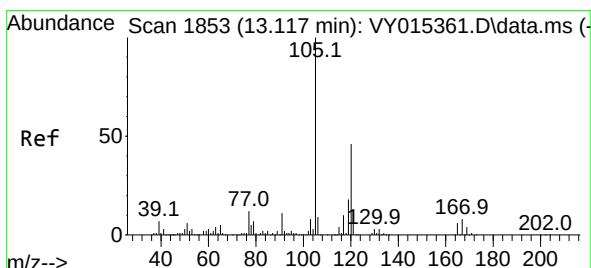
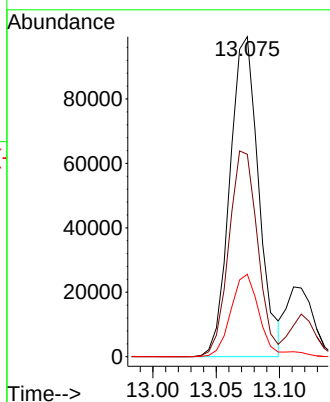
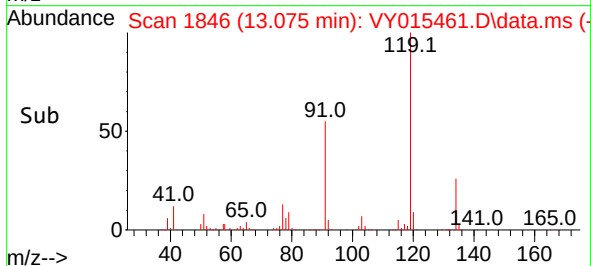
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



Tgt Ion:119 Resp: 157828
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.6
134 26.0 13.0 38.9

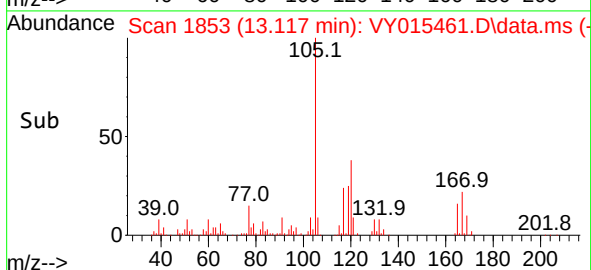
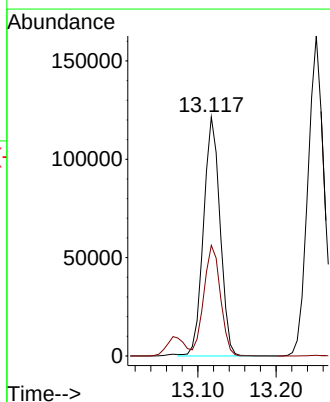
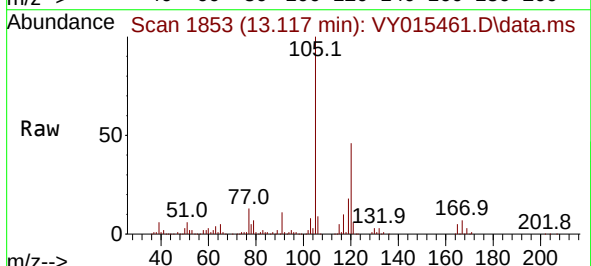
Manual Integrations
APPROVED

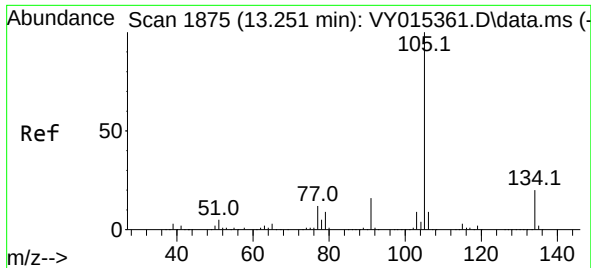
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:105 Resp: 178040
Ion Ratio Lower Upper
105 100
120 46.3 22.2 66.6





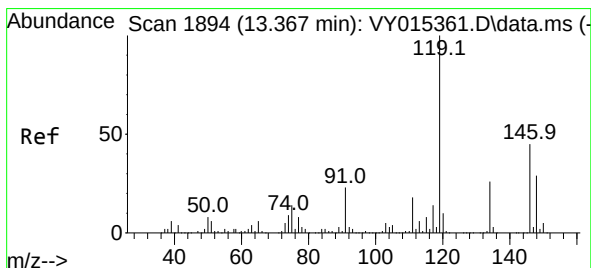
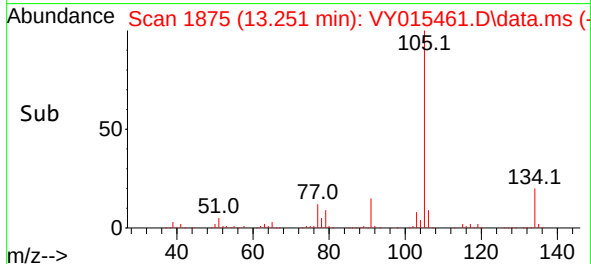
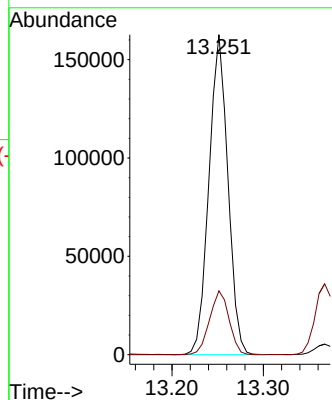
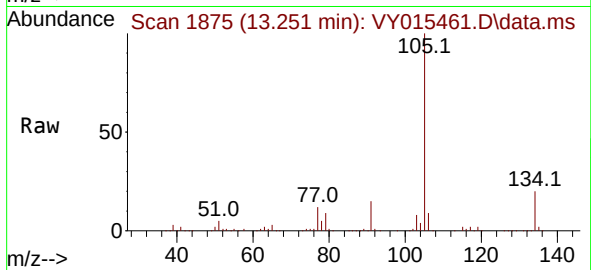
#85
 sec-Butylbenzene
 Concen: 19.139 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBSD01

Tgt Ion:105 Resp: 233754
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

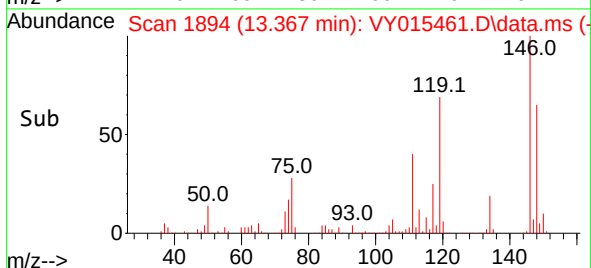
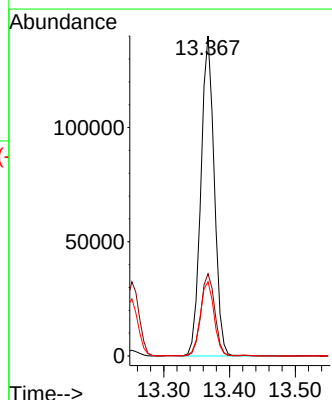
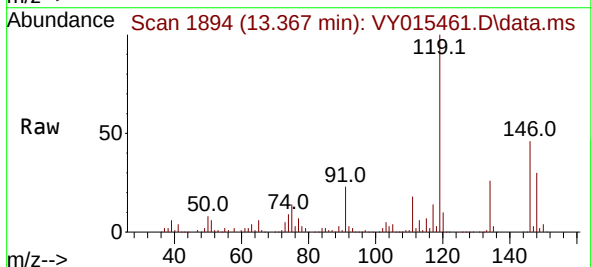
Manual Integrations
 APPROVED

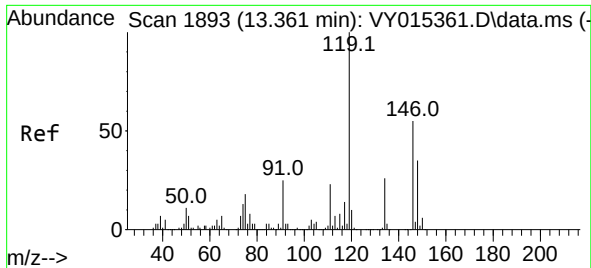
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#86
 p-Isopropyltoluene
 Concen: 19.372 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015461.D
 Acq: 07 Sep 2023 10:58

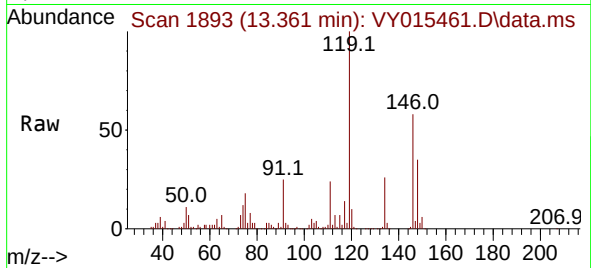
Tgt Ion:119 Resp: 198297
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.260 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

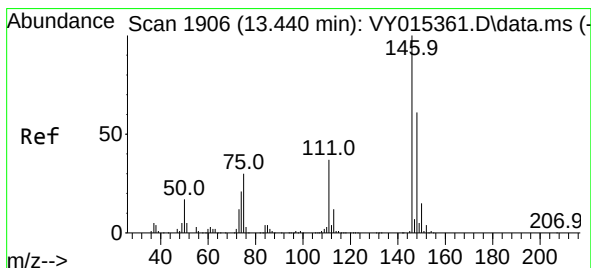
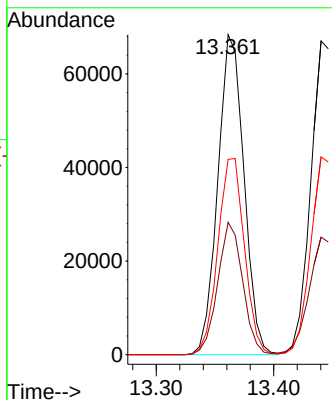
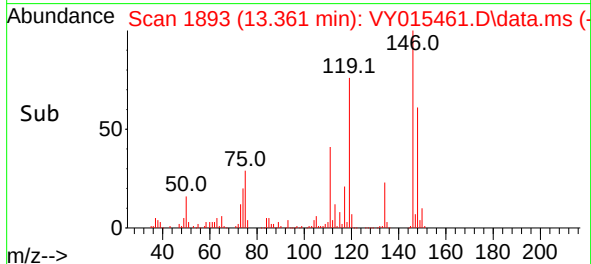
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01



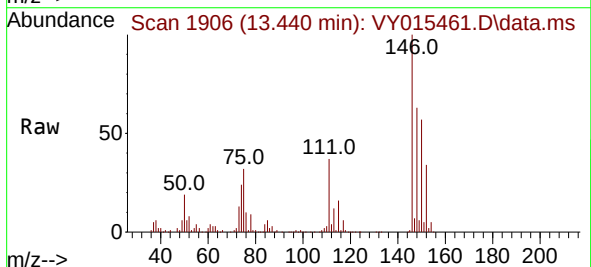
Tgt Ion:146 Resp: 105882
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 62.4 31.9 95.5

Manual Integrations
APPROVED

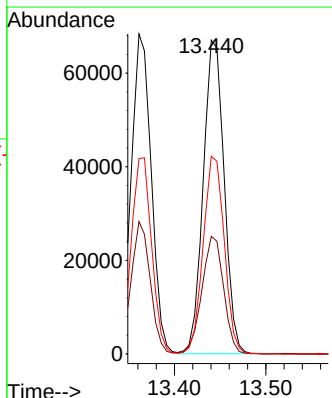
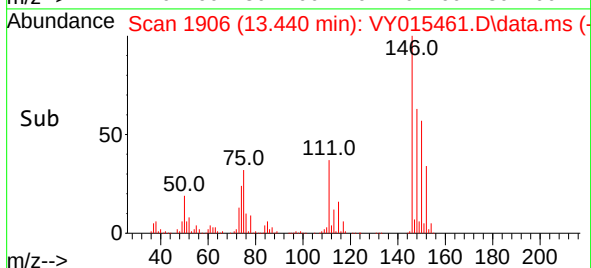
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

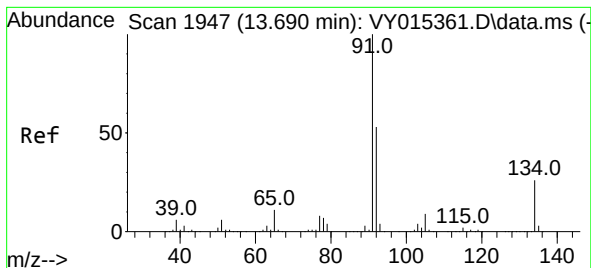


#88
1,4-Dichlorobenzene
Concen: 20.141 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58



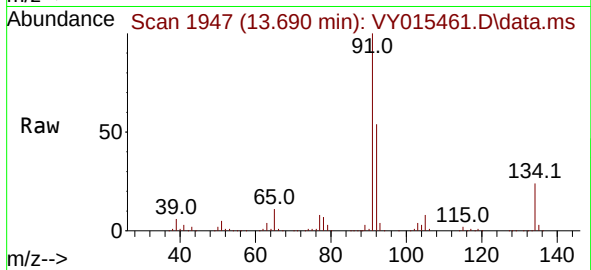
Tgt Ion:146 Resp: 106406
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 63.8 32.1 96.5





#89
n-Butylbenzene
Concen: 19.080 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

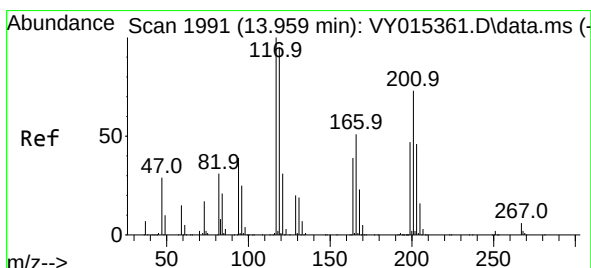
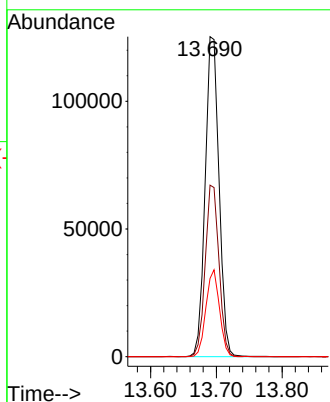
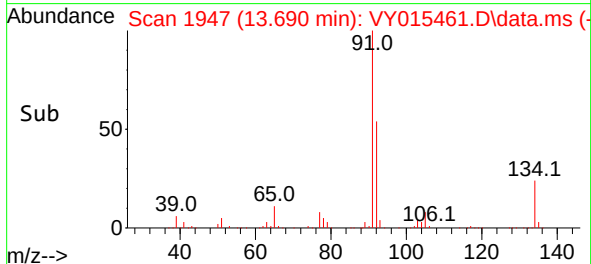
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBS01



Tgt Ion: 91 Resp: 183824
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.5 12.6 37.6

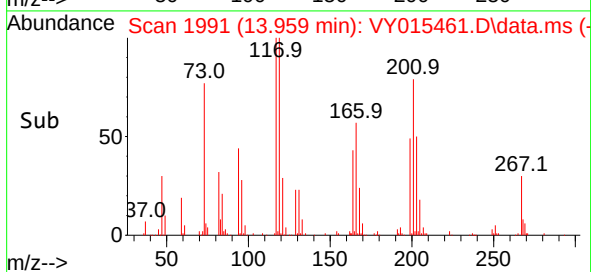
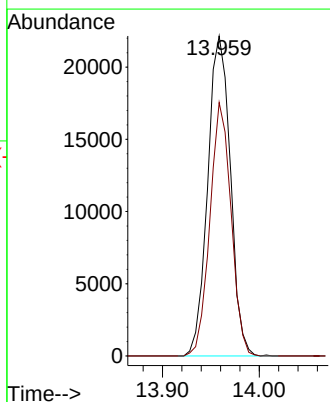
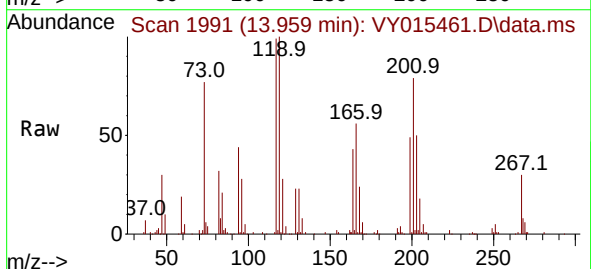
Manual Integrations
APPROVED

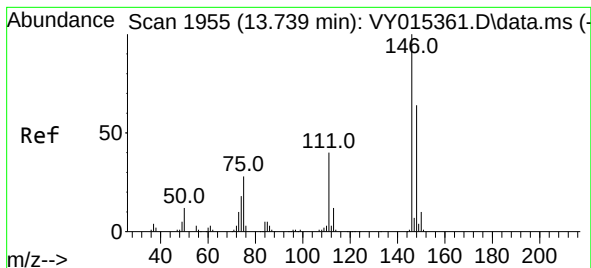
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#90
Hexachloroethane
Concen: 19.702 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion:117 Resp: 36069
Ion Ratio Lower Upper
117 100
201 73.9 41.6 124.8





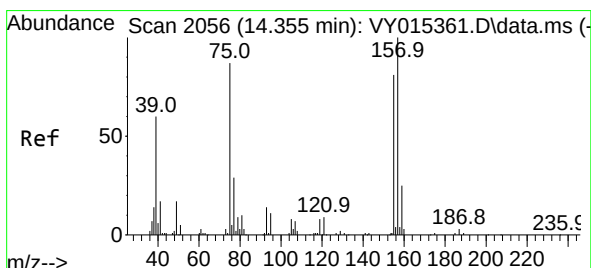
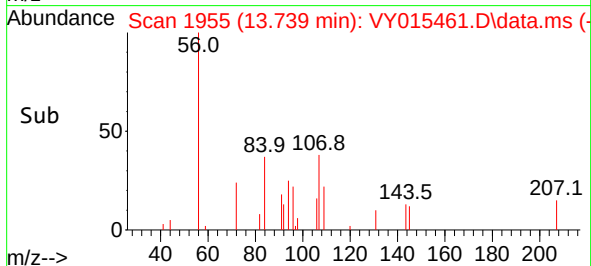
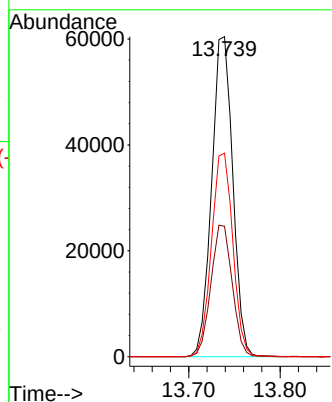
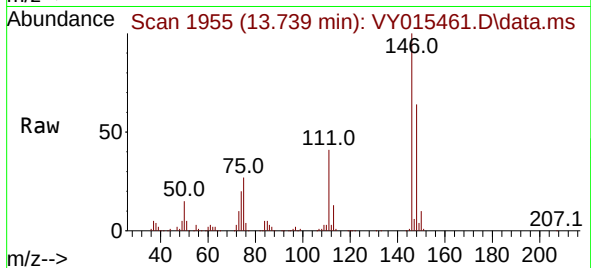
#91
1,2-Dichlorobenzene
Concen: 20.360 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBSD01

Tgt Ion:146 Resp: 9710
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 64.4 32.0 96.2

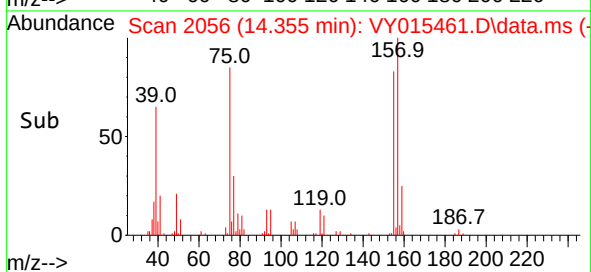
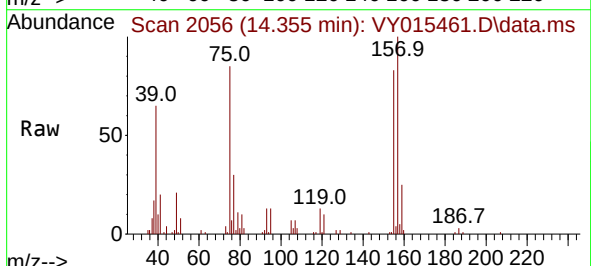
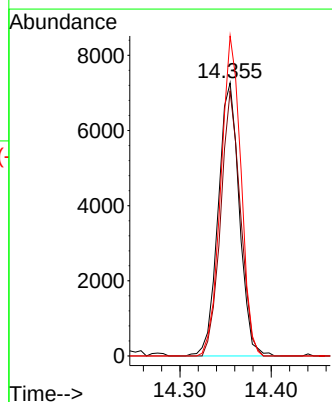
Manual Integrations
APPROVED

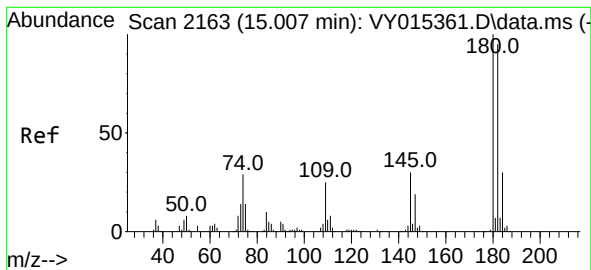
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.095 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015461.D
Acq: 07 Sep 2023 10:58

Tgt Ion: 75 Resp: 11662
Ion Ratio Lower Upper
75 100
155 90.6 41.5 124.6
157 111.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.217 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBS01

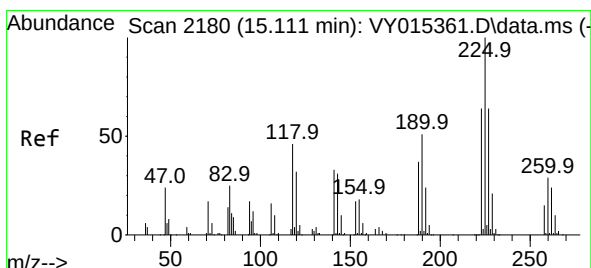
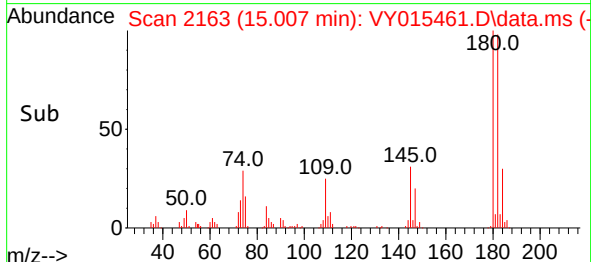
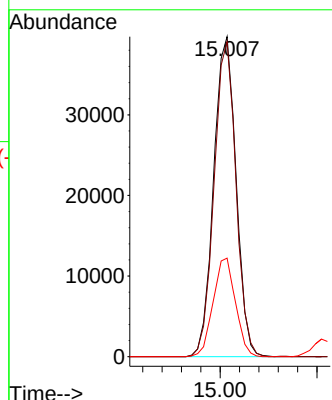
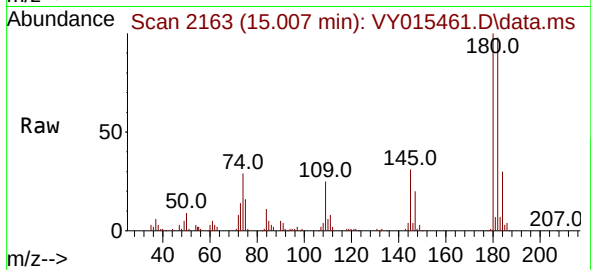
Tgt Ion:	180	Resp:	6355
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.0	141.2
145	30.8	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#94

Hexachlorobutadiene

Concen: 21.123 ug/l

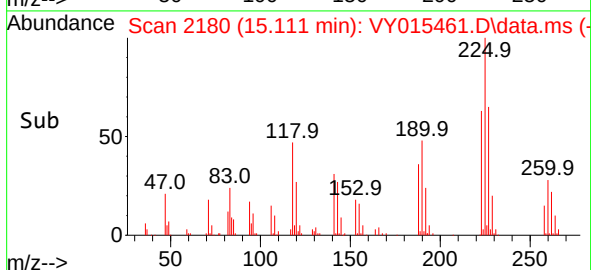
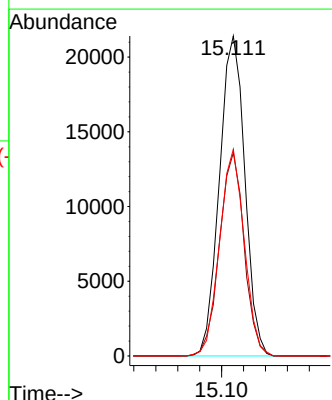
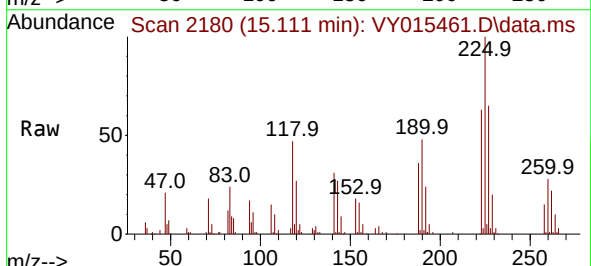
RT: 15.111 min Scan# 2180

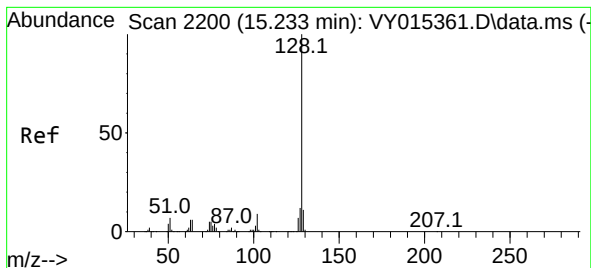
Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion:	225	Resp:	34499
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.9	95.9
227	62.8	33.0	98.9





#95

Naphthalene

Concen: 23.139 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBS01

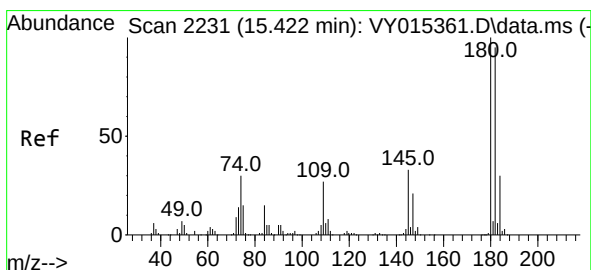
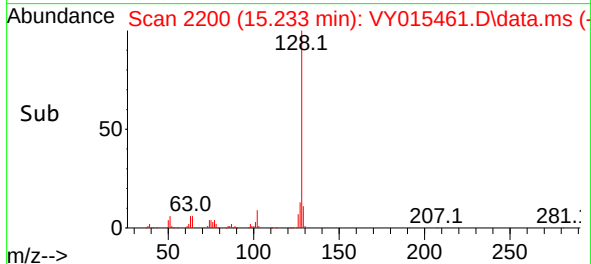
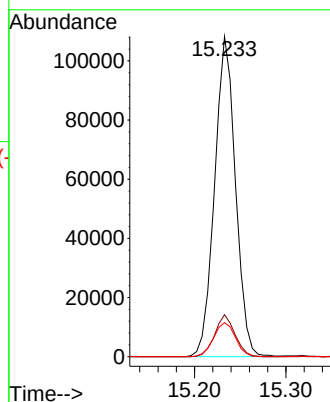
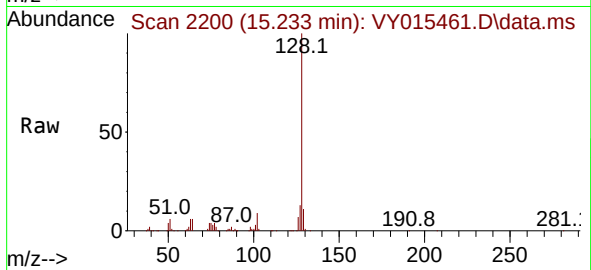
Tgt Ion:128	Resp:	17168
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	11.1	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.978 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015461.D

Acq: 07 Sep 2023 10:58

Tgt Ion:180	Resp:	60046
Ion Ratio	Lower	Upper
180	100	
182	93.4	47.3 141.8
145	32.4	15.4 46.2

