

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015458.D
 Acq On : 07 Sep 2023 09:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 07 23:04:51 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	194317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99442	47.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.710	113	92866	50.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.940%		
50) Toluene-d8	10.179	98	321882	48.309	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.483	95	124156	50.193	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72778	43.086	ug/l	100
3) Chloromethane	2.107	50	105155	46.876	ug/l	100
4) Vinyl Chloride	2.247	62	123481	47.292	ug/l	97
5) Bromomethane	2.638	94	96993	52.207	ug/l	97
6) Chloroethane	2.784	64	86615	50.468	ug/l	96
7) Trichlorofluoromethane	3.113	101	171151	46.340	ug/l	98
8) Diethyl Ether	3.522	74	63739	50.498	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	92170	45.025	ug/l	98
10) Methyl Iodide	4.082	142	123002	51.167	ug/l	98
11) Tert butyl alcohol	4.948	59	96532	205.028	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	93541	48.426	ug/l	95
13) Acrolein	3.723	56	117280	204.866	ug/l	99
14) Allyl chloride	4.466	41	153313	49.850	ug/l	96
15) Acrylonitrile	5.149	53	192252	242.054	ug/l	99
16) Acetone	3.942	43	237076	272.672	ug/l	93
17) Carbon Disulfide	4.186	76	257983	44.674	ug/l	100
18) Methyl Acetate	4.466	43	153233	48.658	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	325325	51.819	ug/l	97
20) Methylene Chloride	4.704	84	121151	42.214	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	109931	49.422	ug/l	95
22) Diisopropyl ether	6.113	45	343497	51.068	ug/l	91
23) Vinyl Acetate	6.052	43	1060752	249.773	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	196659	50.577	ug/l	97
25) 2-Butanone	6.978	43	314557	255.079	ug/l	96
26) 2,2-Dichloropropane	6.972	77	183242	55.485	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	132309	52.433	ug/l	94
28) Bromochloromethane	7.326	49	52401	43.946	ug/l	93
29) Tetrahydrofuran	7.344	42	182937	236.230	ug/l	90
30) Chloroform	7.503	83	214996	52.598	ug/l	97
31) Cyclohexane	7.777	56	151447	40.929	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	189411	51.879	ug/l	99
36) 1,1-Dichloropropene	7.911	75	153744	47.589	ug/l	99
37) Ethyl Acetate	7.070	43	118916	47.726	ug/l #	95
38) Carbon Tetrachloride	7.893	117	167600	50.229	ug/l	99
39) Methylcyclohexane	9.179	83	177150	43.555	ug/l	93
40) Benzene	8.155	78	450039	49.929	ug/l	100

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Quant Time: Sep 07 23:04:51 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)
41) Methacrylonitrile	7.314	41	58696m	50.234	ug/l	
42) 1,2-Dichloroethane	8.228	62	149640	49.787	ug/l	95
43) Isopropyl Acetate	8.265	43	212139	49.236	ug/l	96
44) Trichloroethene	8.935	130	131311	51.489	ug/l	96
45) 1,2-Dichloropropane	9.210	63	113529	49.964	ug/l	98
46) Dibromomethane	9.301	93	74966	49.668	ug/l	98
47) Bromodichloromethane	9.496	83	170801	52.916	ug/l	100
48) Methyl methacrylate	9.289	41	94370	47.737	ug/l	93
49) 1,4-Dioxane	9.295	88	27393	977.084	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	613162	244.846	ug/l	94
52) Toluene	10.240	92	294141	50.915	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	183264	53.425	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	194769	52.195	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	106018	52.130	ug/l	95
56) Ethyl methacrylate	10.508	69	158139	52.473	ug/l	90
57) 1,3-Dichloropropane	10.789	76	176570	50.437	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	232432	216.073	ug/l	93
59) 2-Hexanone	10.831	43	472286	251.338	ug/l	91
60) Dibromochloromethane	10.984	129	129958	54.596	ug/l	100
61) 1,2-Dibromoethane	11.087	107	106632	51.745	ug/l	100
64) Tetrachloroethene	10.715	164	138992	52.133	ug/l	97
65) Chlorobenzene	11.514	112	324892	51.330	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123461	53.291	ug/l	98
67) Ethyl Benzene	11.593	91	582367	51.240	ug/l	99
68) m/p-Xylenes	11.697	106	452349	102.679	ug/l	96
69) o-Xylene	12.026	106	221072	52.508	ug/l	97
70) Styrene	12.044	104	376278	53.152	ug/l	97
71) Bromoform	12.209	173	89228	55.213	ug/l	99
73) Isopropylbenzene	12.331	105	582009	51.061	ug/l	100
74) N-amyl acetate	12.142	43	195632	51.087	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	133944	49.227	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	103149m	51.259	ug/l	
77) Bromobenzene	12.605	156	140684	52.113	ug/l	99
78) n-propylbenzene	12.672	91	698228	50.625	ug/l	99
79) 2-Chlorotoluene	12.752	91	395461	51.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	496311	52.058	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	47588	52.166	ug/l	97
82) 4-Chlorotoluene	12.855	91	415089	51.629	ug/l	100
83) tert-Butylbenzene	13.075	119	437280	52.366	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	489831	51.746	ug/l	99
85) sec-Butylbenzene	13.252	105	644146	51.718	ug/l	100
86) p-Isopropyltoluene	13.367	119	542302	51.951	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	277431	52.055	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	277386	51.488	ug/l	99
89) n-Butylbenzene	13.697	91	497110	50.596	ug/l	97
90) Hexachloroethane	13.959	117	101158	54.183	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	252638	51.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27329	50.773	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	161657	52.925	ug/l	99
94) Hexachlorobutadiene	15.111	225	85743	51.480	ug/l	98
95) Naphthalene	15.233	128	413282	54.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	145904	52.369	ug/l	99

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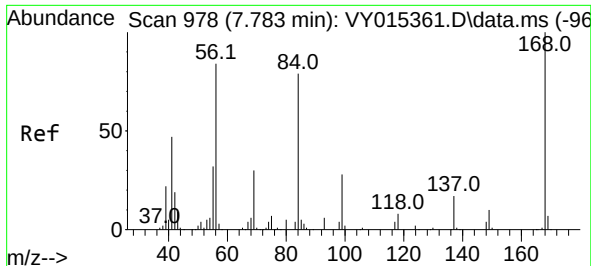
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 09/08/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

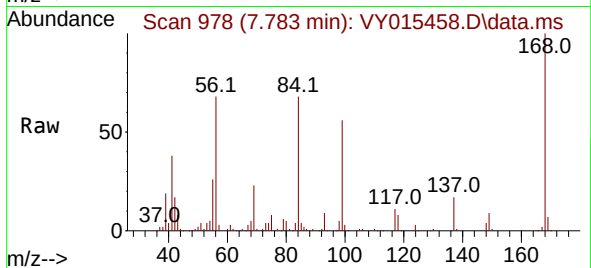
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

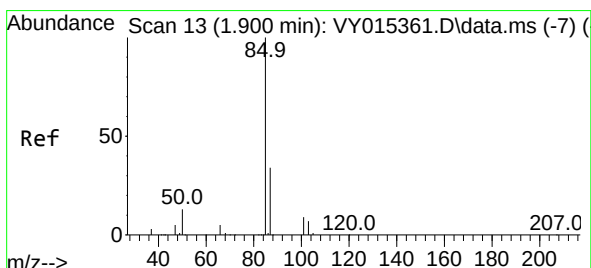
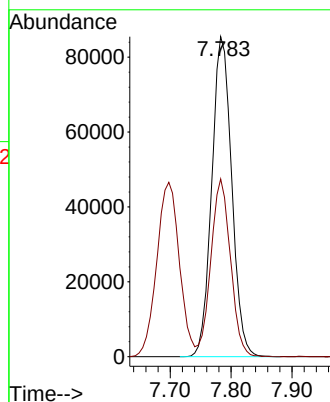
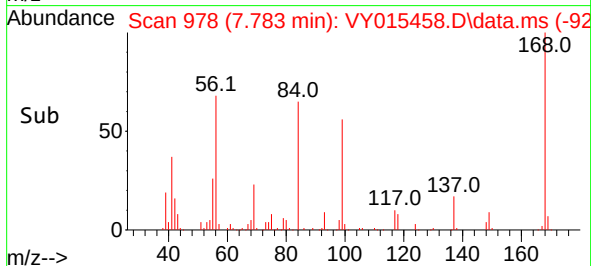
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19431
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

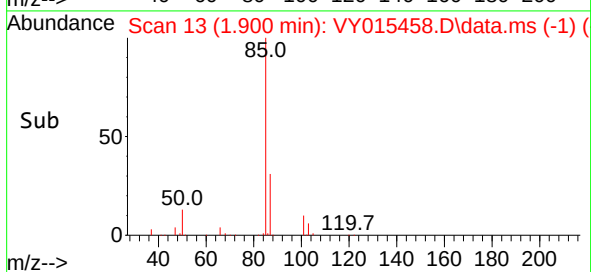
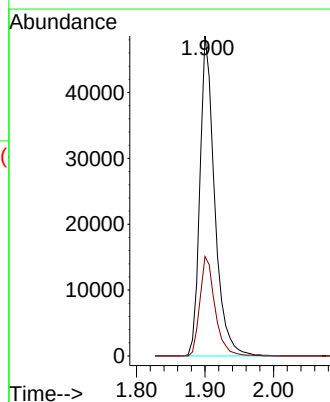
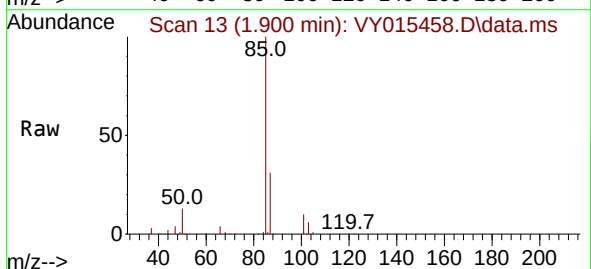
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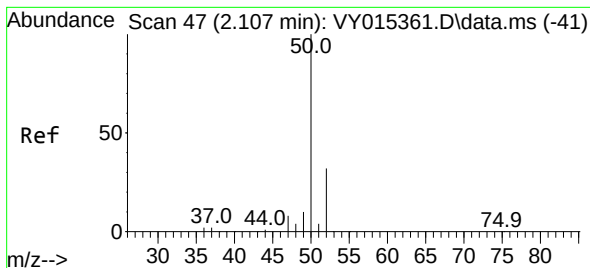
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#2
Dichlorodifluoromethane
Concen: 43.086 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

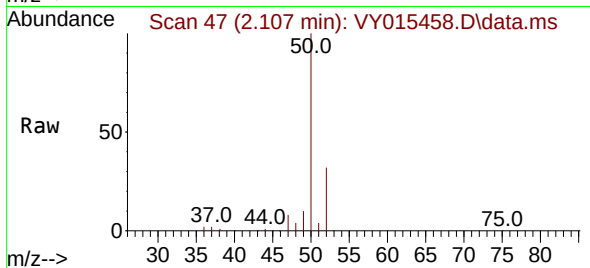
Tgt Ion: 85 Resp: 72778
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8





#3
Chloromethane
Concen: 46.876 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

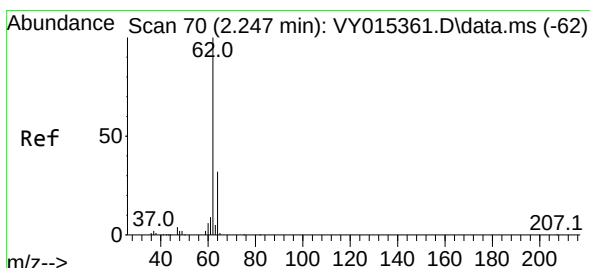
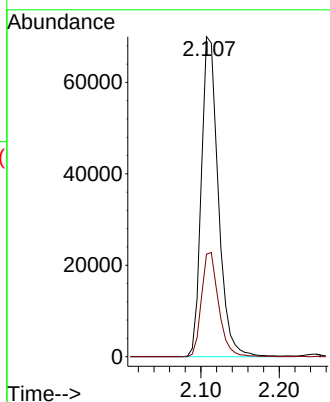
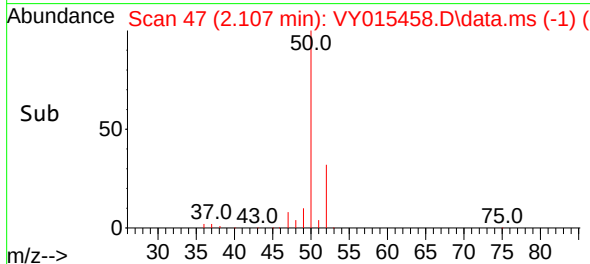
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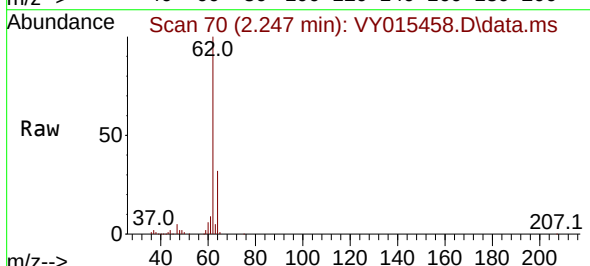
Tgt Ion: 50 Resp: 10515
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

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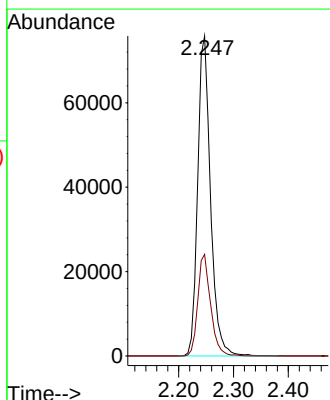
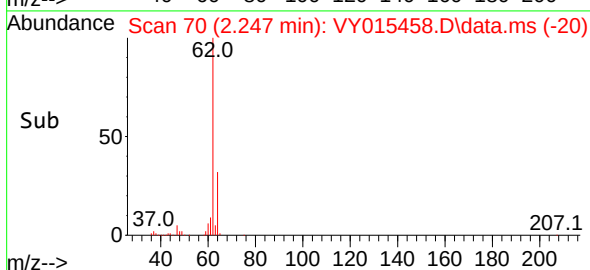
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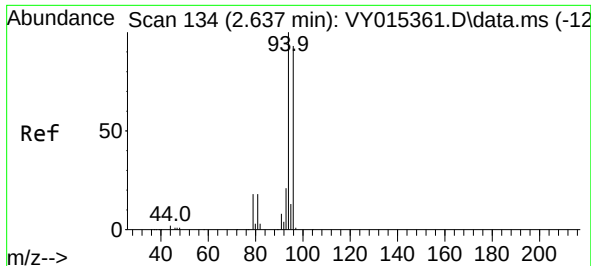


#4
Vinyl Chloride
Concen: 47.292 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



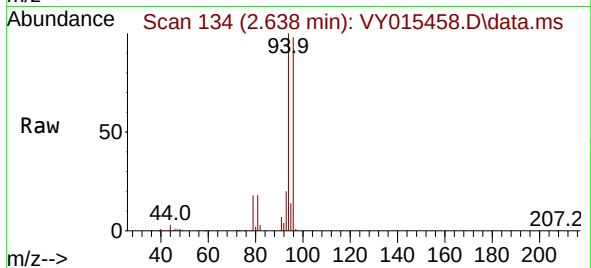
Tgt Ion: 62 Resp: 123481
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 52.207 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

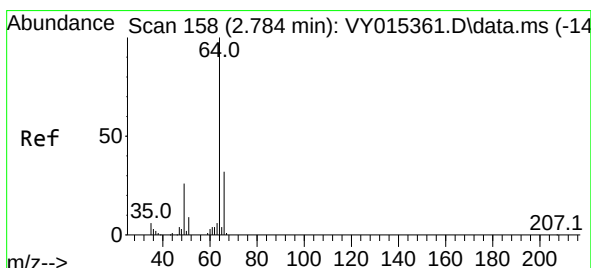
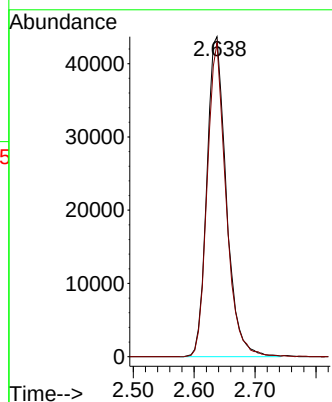
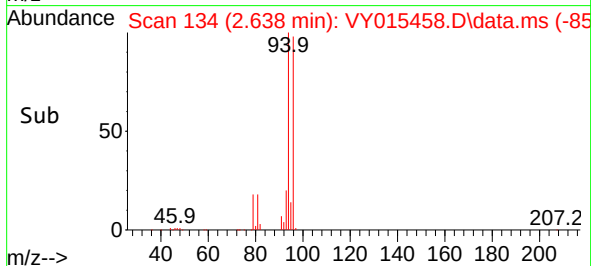
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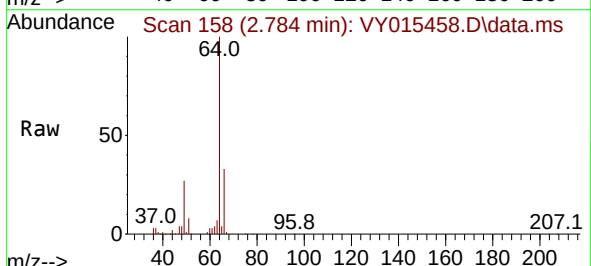
Tgt Ion: 94 Resp: 9699
Ion Ratio Lower Upper
94 100
96 98.0 75.8 113.6

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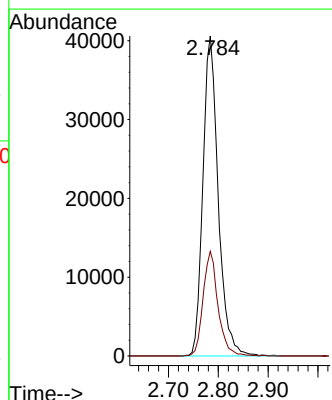
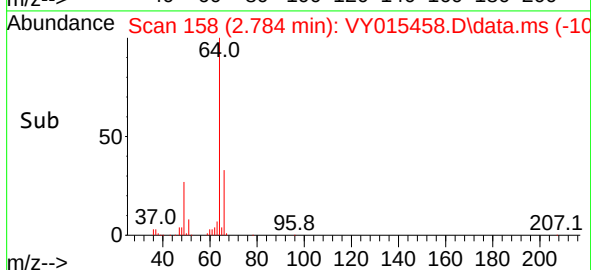
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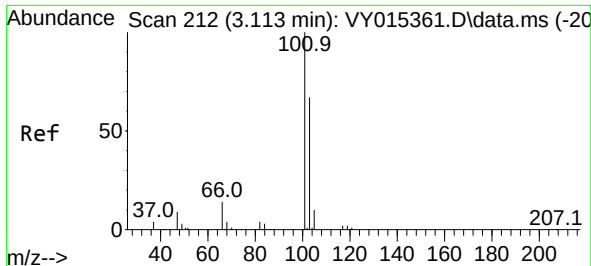


#6
Chloroethane
Concen: 50.468 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



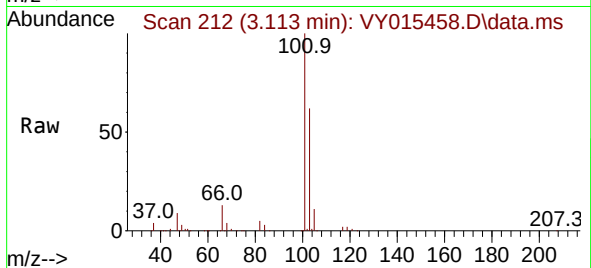
Tgt Ion: 64 Resp: 86615
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 46.340 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

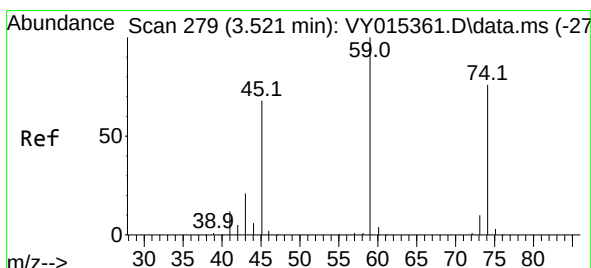
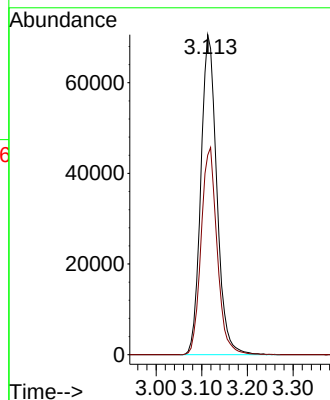
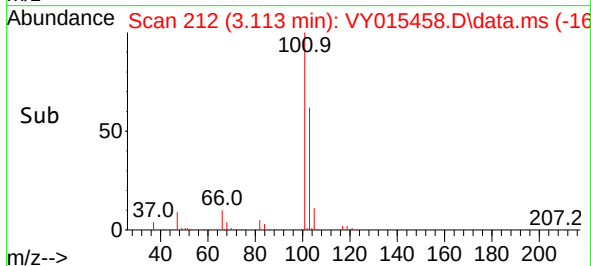
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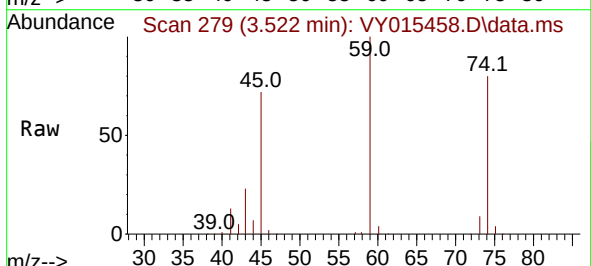
Tgt Ion: 101 Resp: 17115
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.0

Manual Integrations
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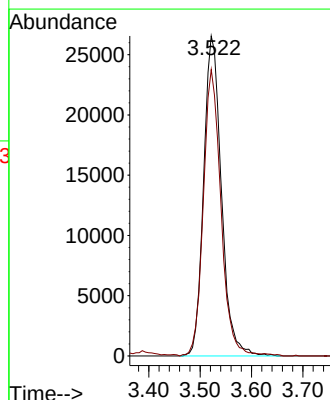
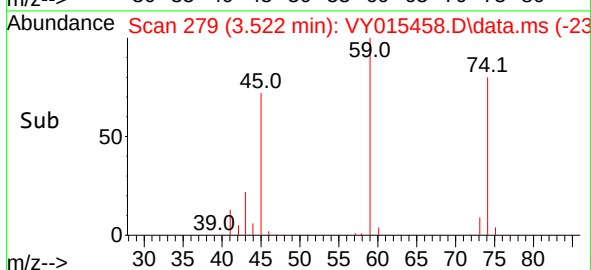
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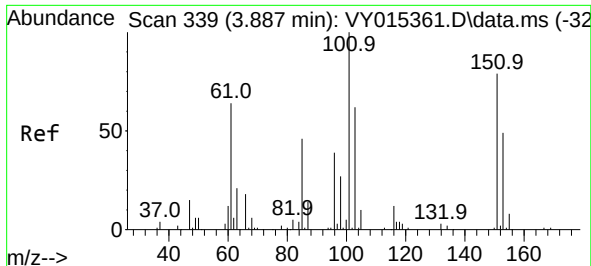


#8
 Diethyl Ether
 Concen: 50.498 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
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 Acq: 07 Sep 2023 09:15



Tgt Ion: 74 Resp: 63739
 Ion Ratio Lower Upper
 74 100
 45 89.0 51.5 154.5





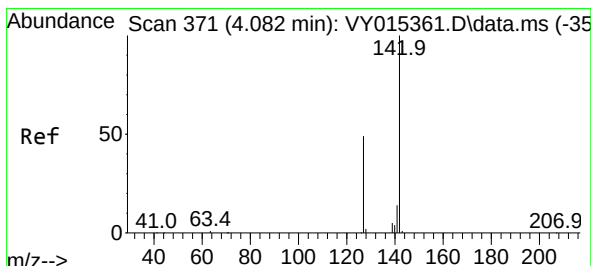
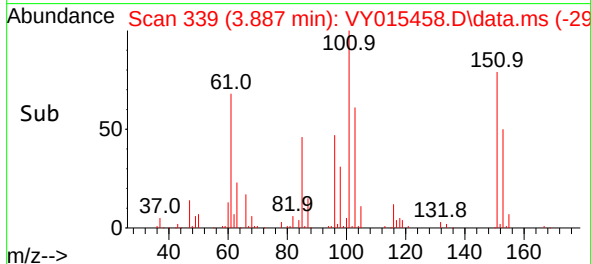
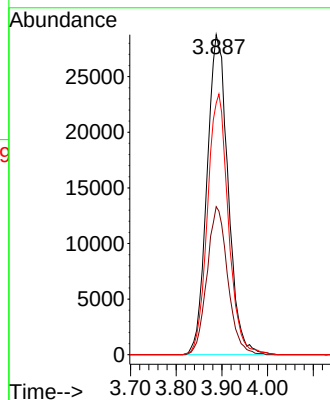
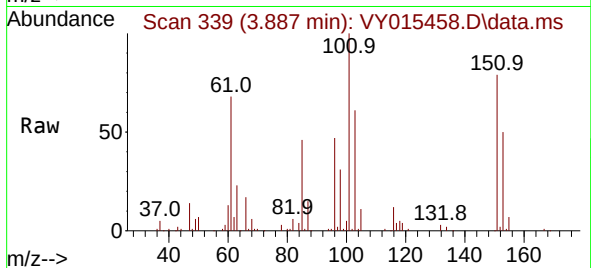
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.025 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 92170
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 80.7 67.0 100.6

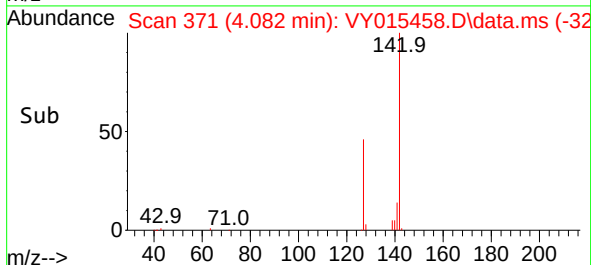
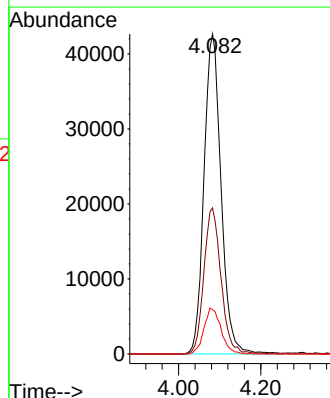
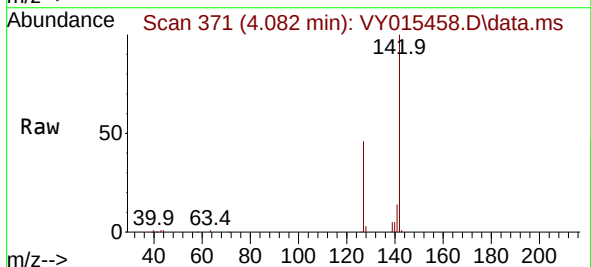
Manual Integrations
APPROVED

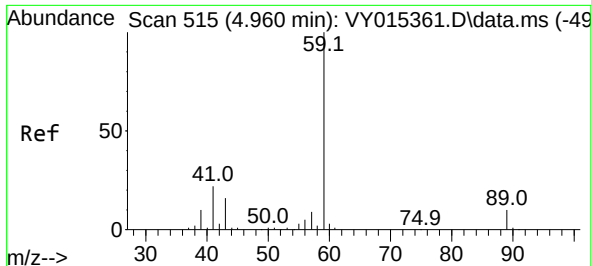
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#10
Methyl Iodide
Concen: 51.167 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion:142 Resp: 123002
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.3 11.8 17.8





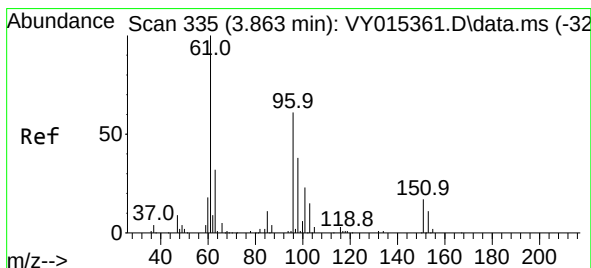
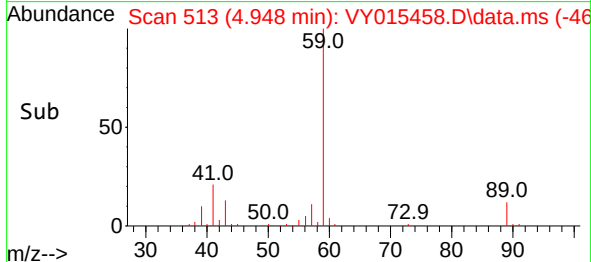
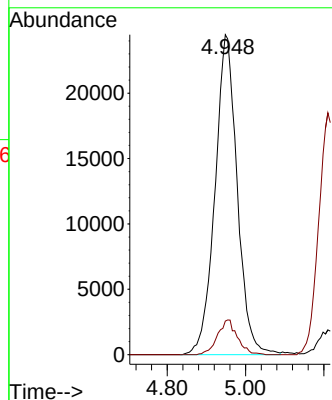
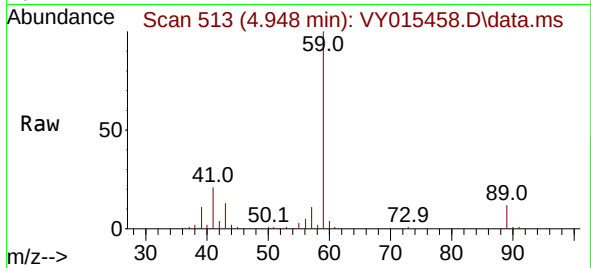
#11
Tert butyl alcohol
Concen: 205.028 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 96532
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

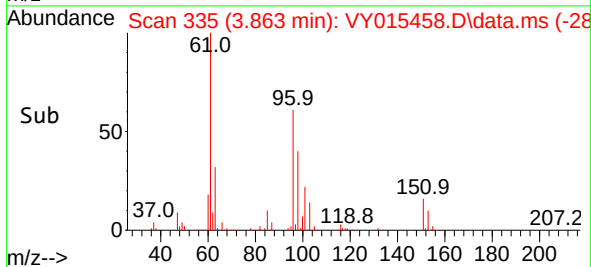
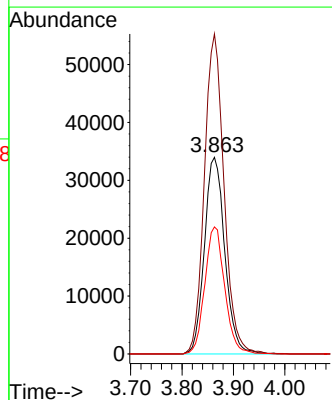
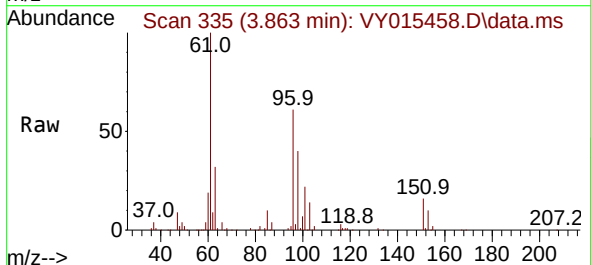
Manual Integrations
APPROVED

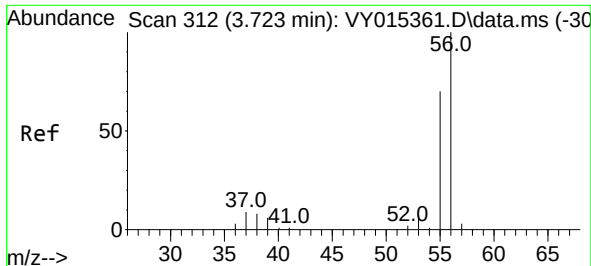
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#12
1,1-Dichloroethene
Concen: 48.426 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

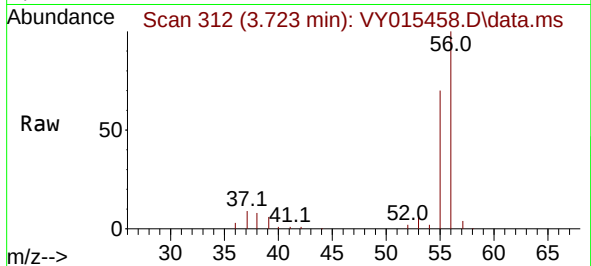
Tgt Ion: 96 Resp: 93541
Ion Ratio Lower Upper
96 100
61 162.7 136.4 204.6
98 64.6 49.4 74.2





#13
Acrolein
Concen: 204.866 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

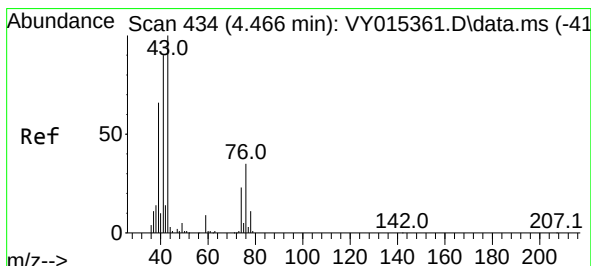
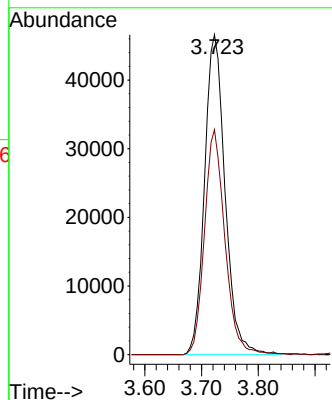
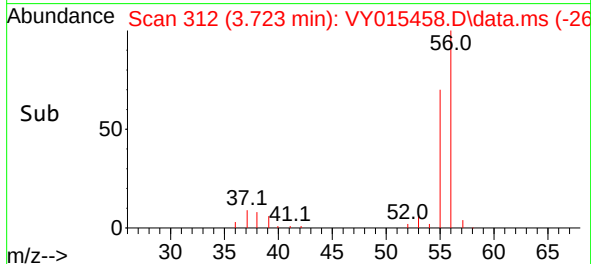
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



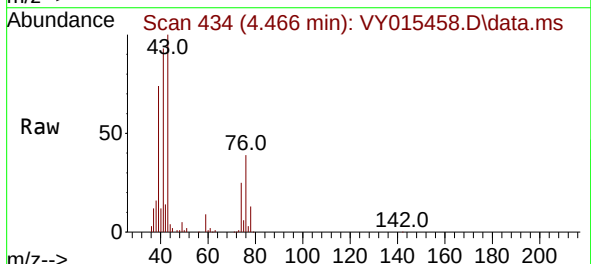
Tgt Ion: 56 Resp: 117280
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4

Manual Integrations
APPROVED

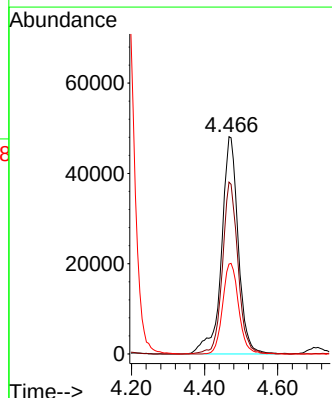
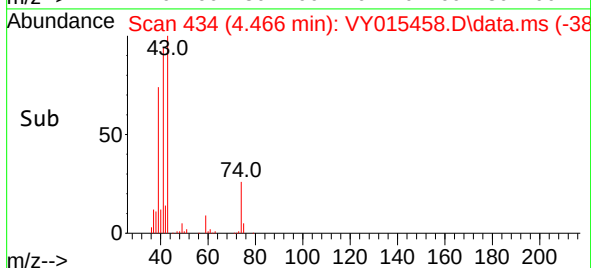
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

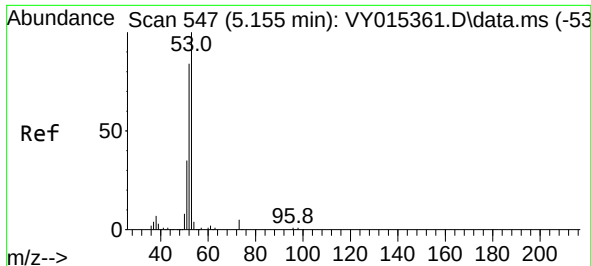


#14
Allyl chloride
Concen: 49.850 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



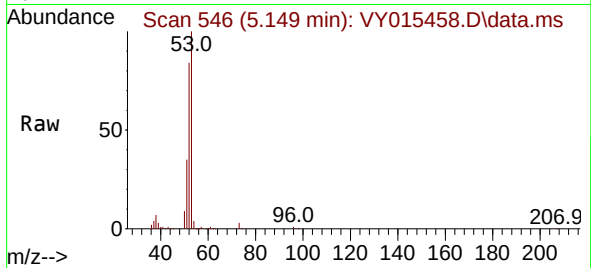
Tgt Ion: 41 Resp: 153313
Ion Ratio Lower Upper
41 100
39 73.5 58.0 87.0
76 39.8 27.4 41.2





#15
Acrylonitrile
Concen: 242.054 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.012 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

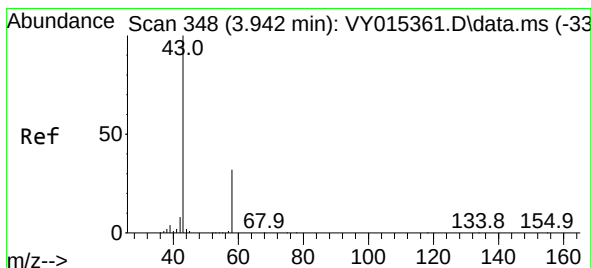
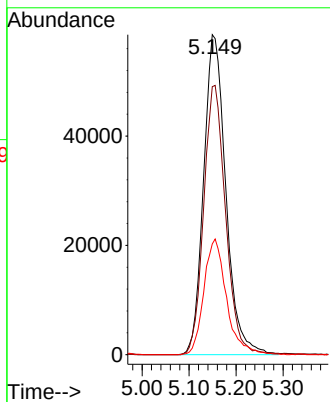
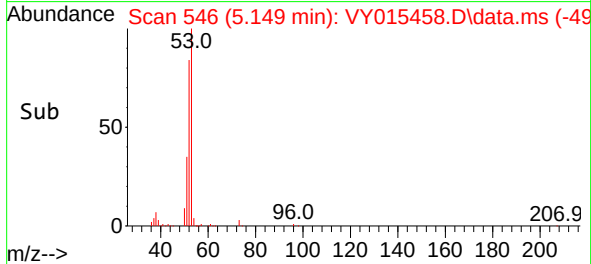
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 192252
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.8 29.8 44.6

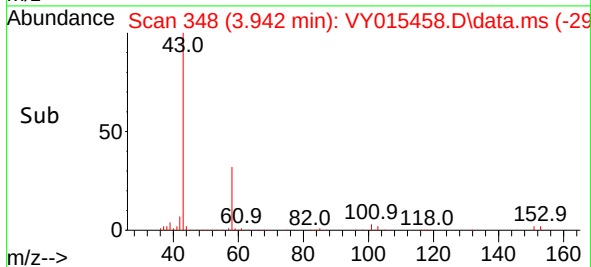
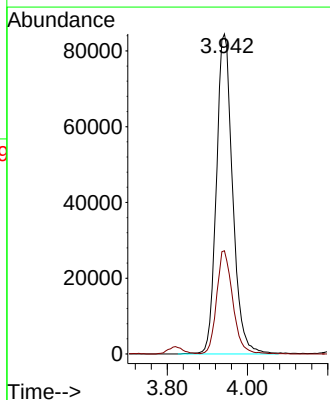
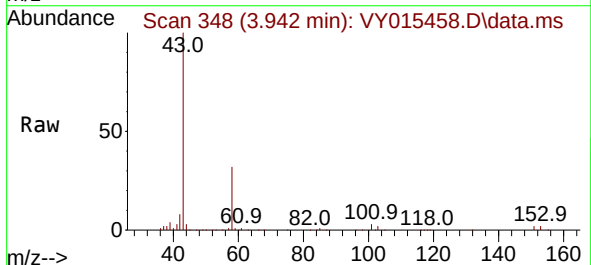
Manual Integrations
APPROVED

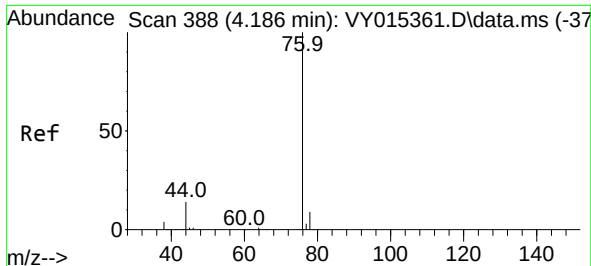
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#16
Acetone
Concen: 272.672 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

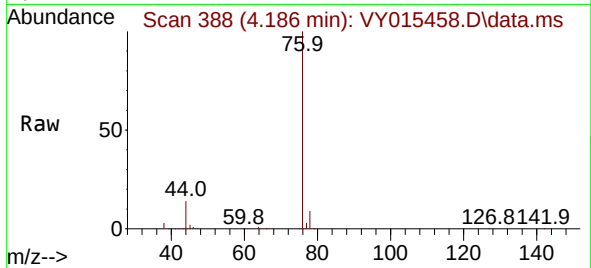
Tgt Ion: 43 Resp: 237076
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#17
Carbon Disulfide
Concen: 44.674 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

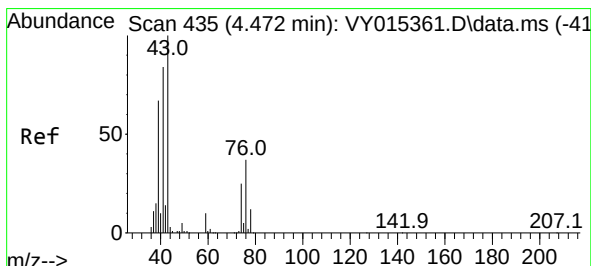
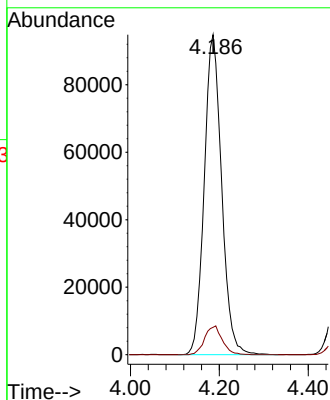
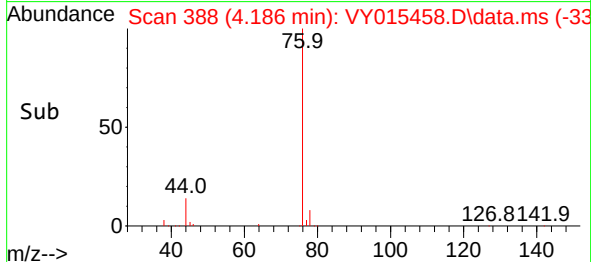
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



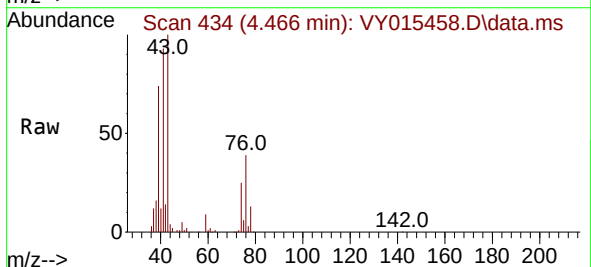
Tgt Ion: 76 Resp: 25798
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

Manual Integrations
APPROVED

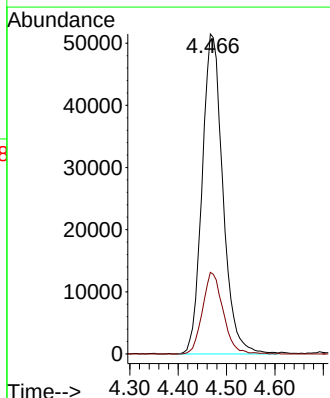
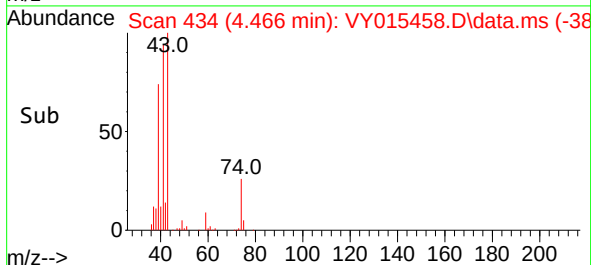
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

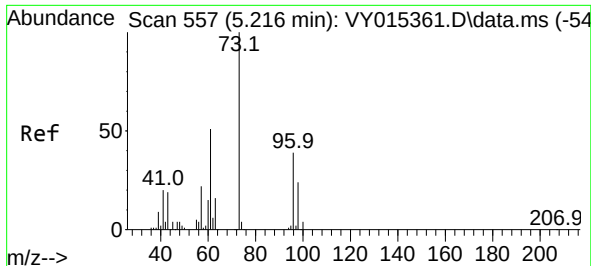


#18
Methyl Acetate
Concen: 48.658 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



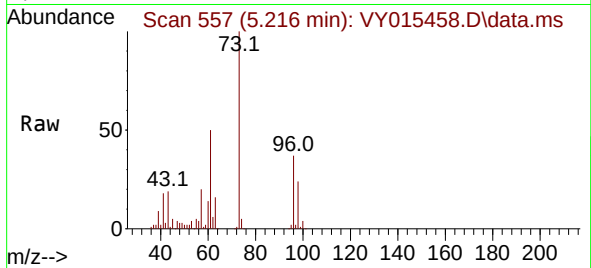
Tgt Ion: 43 Resp: 153233
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.819 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

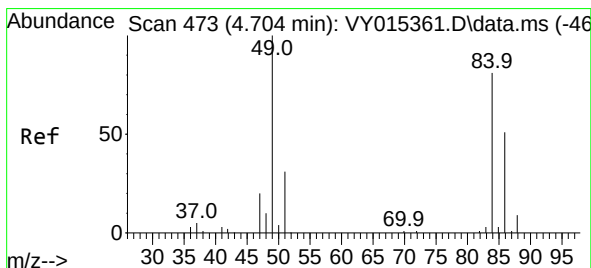
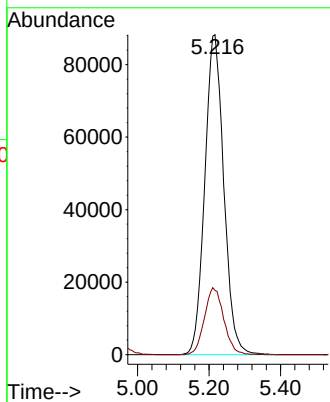
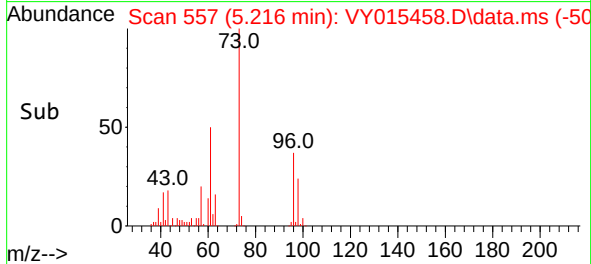
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 32532
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

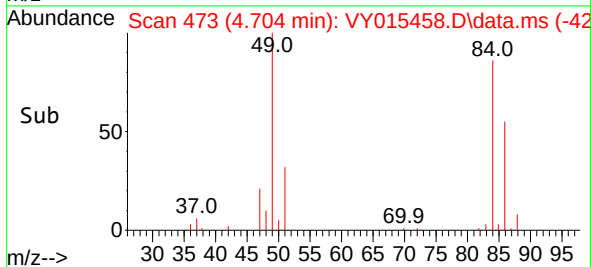
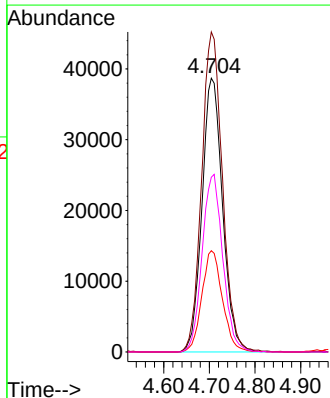
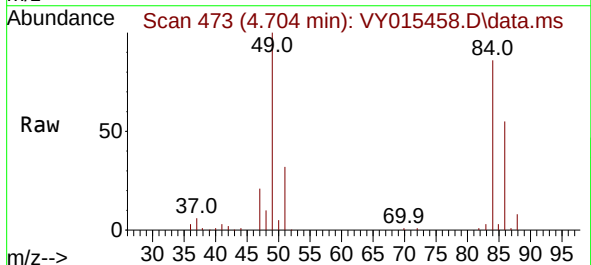
Manual Integrations
APPROVED

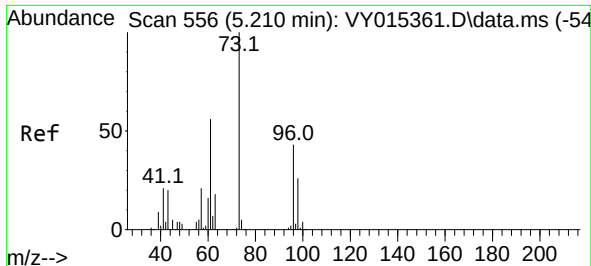
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#20
Methylene Chloride
Concen: 42.214 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

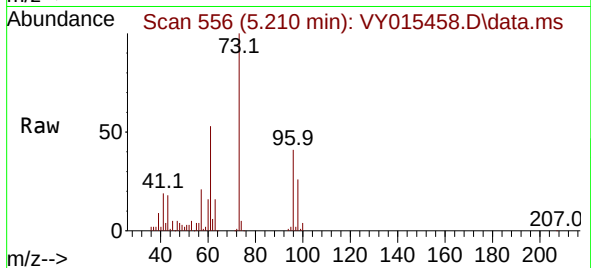
Tgt Ion: 84 Resp: 121151
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 37.0 33.2 49.8
86 63.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.422 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

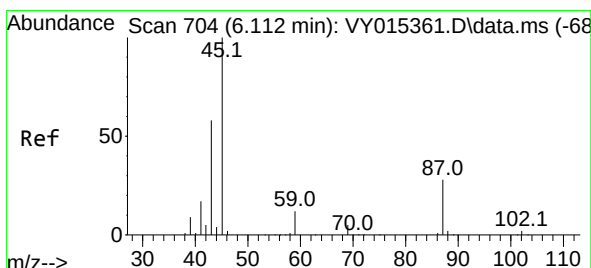
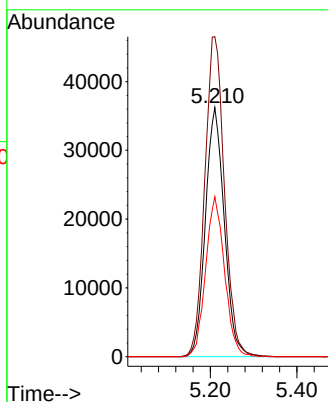
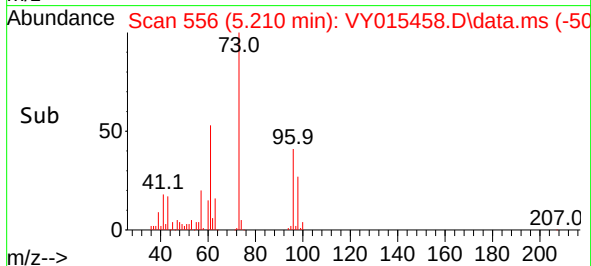
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



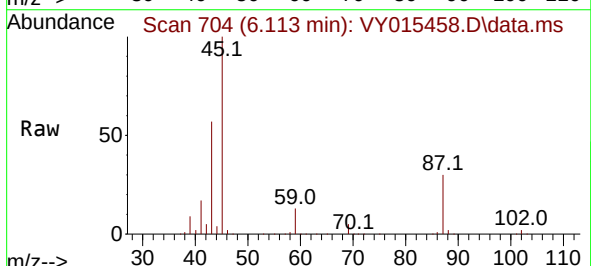
Tgt Ion: 96 Resp: 10993
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 64.2 51.8 77.6

Manual Integrations
APPROVED

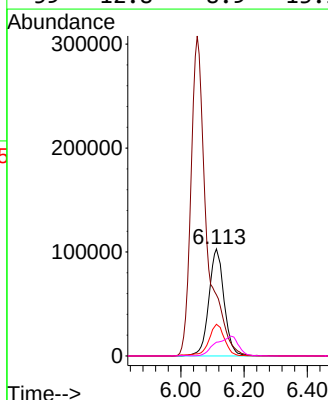
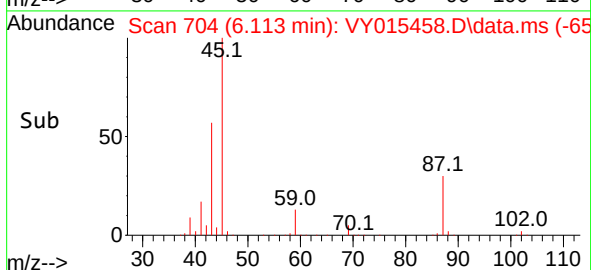
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

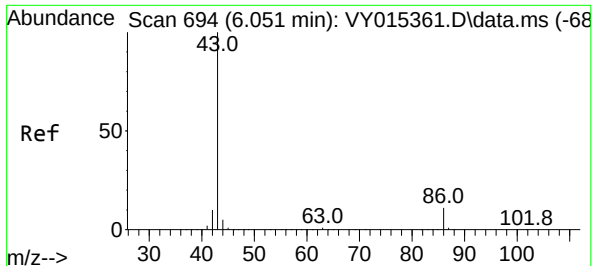


#22
Diisopropyl ether
Concen: 51.068 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion: 45 Resp: 343497
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 29.6 21.0 31.6
59 12.8 8.9 13.3





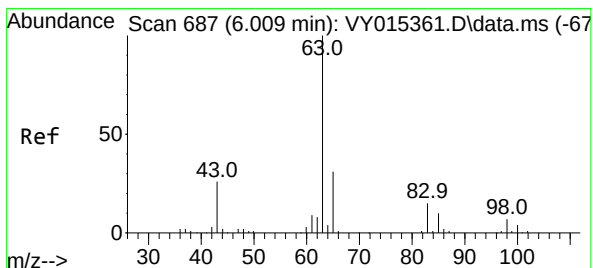
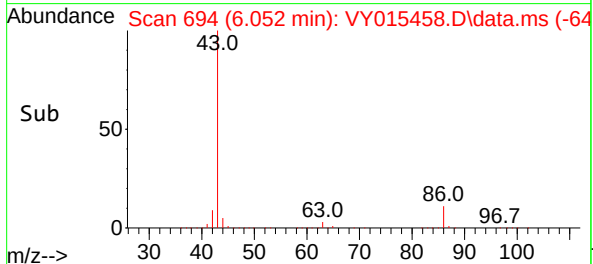
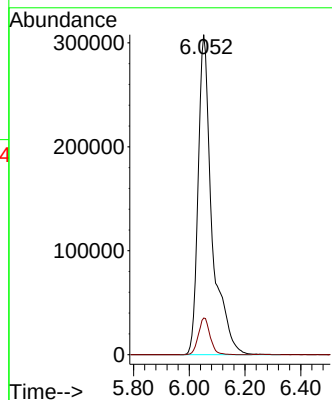
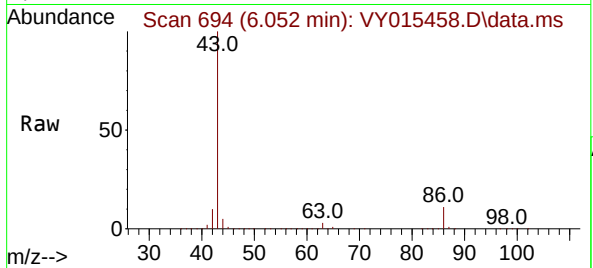
#23
 Vinyl Acetate
 Concen: 249.773 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 106075
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

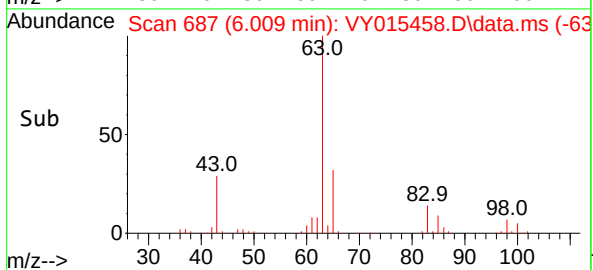
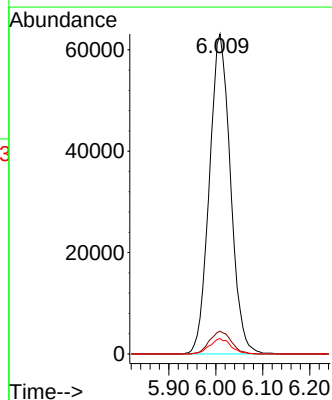
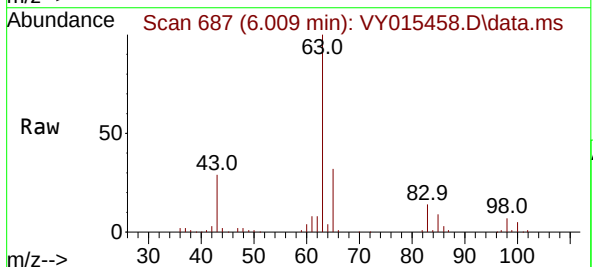
Manual Integrations
 APPROVED

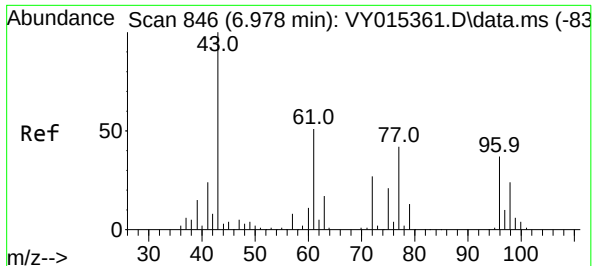
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#24
 1,1-Dichloroethane
 Concen: 50.577 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

Tgt Ion: 63 Resp: 196659
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 255.079 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31455

Ion Ratio Lower Upper

43 100

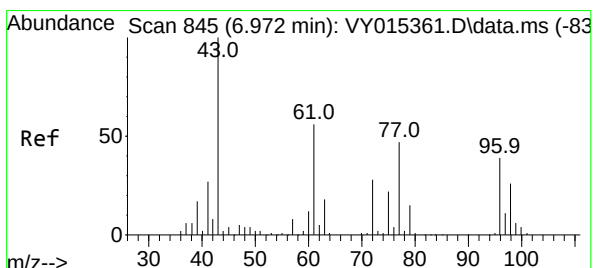
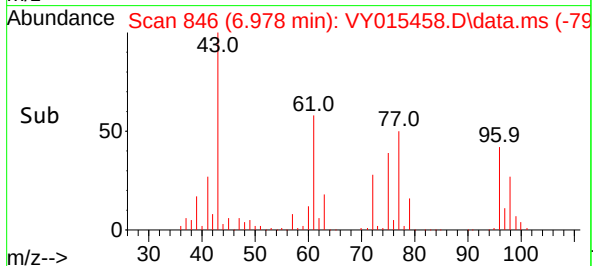
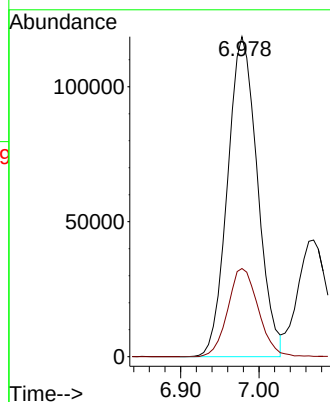
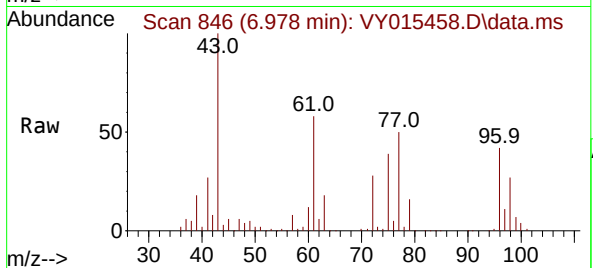
72 27.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#26

2,2-Dichloropropane

Concen: 55.485 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015458.D

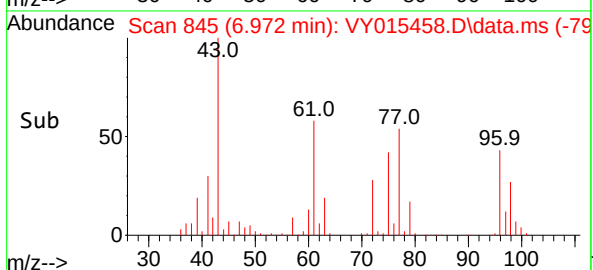
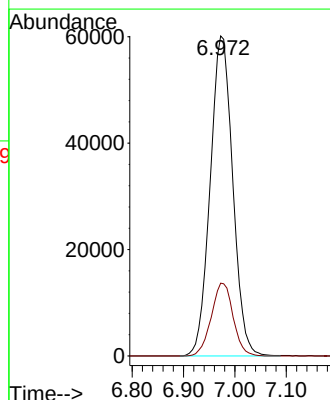
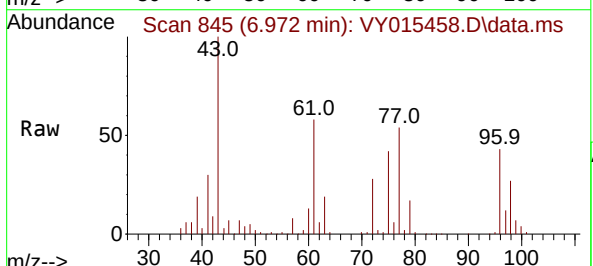
Acq: 07 Sep 2023 09:15

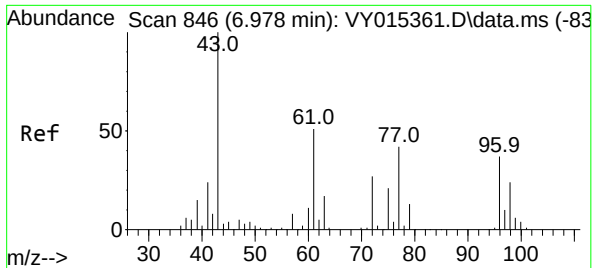
Tgt Ion: 77 Resp: 183242

Ion Ratio Lower Upper

77 100

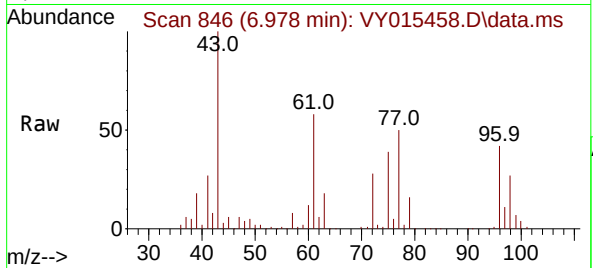
97 22.1 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 52.433 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

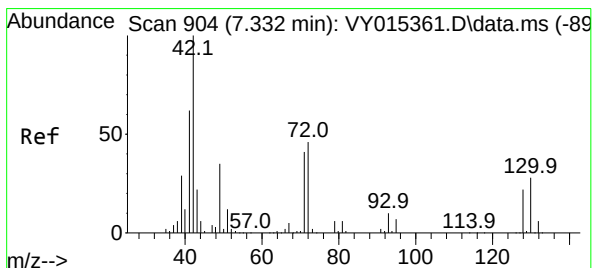
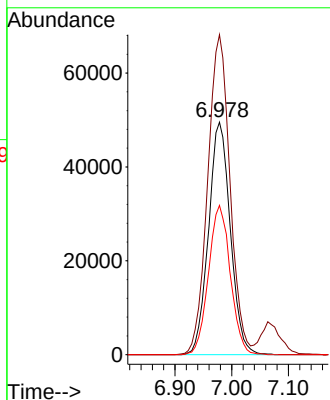
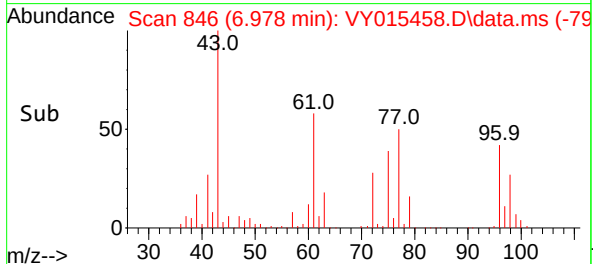
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



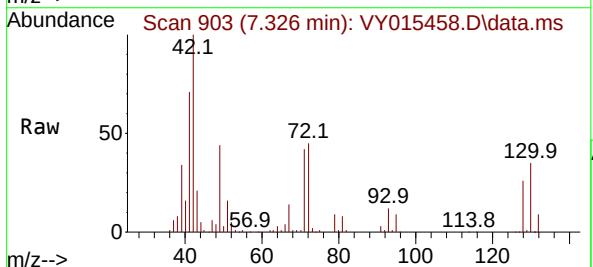
Tgt Ion: 96 Resp: 132309
Ion Ratio Lower Upper
96 100
61 140.7 0.0 301.4
98 64.3 0.0 130.4

Manual Integrations
APPROVED

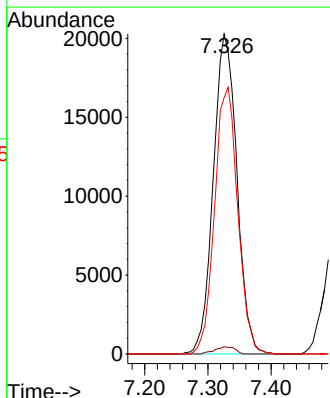
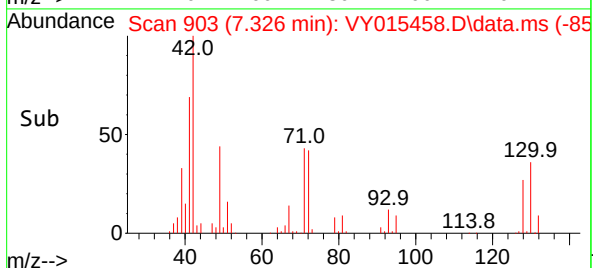
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

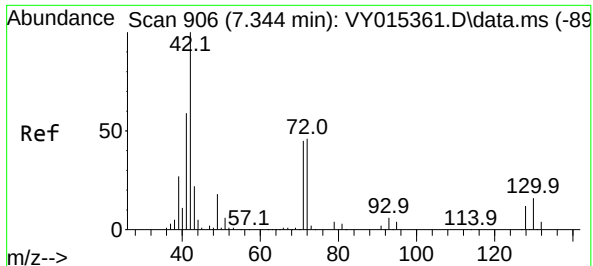


#28
Bromochloromethane
Concen: 43.946 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion: 49 Resp: 52401
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 82.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 236.230 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18293

Ion Ratio Lower Upper

42 100

72 46.9 32.8 49.2

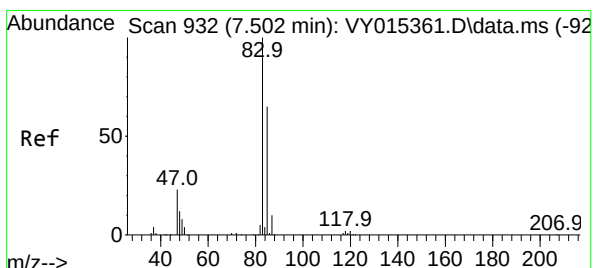
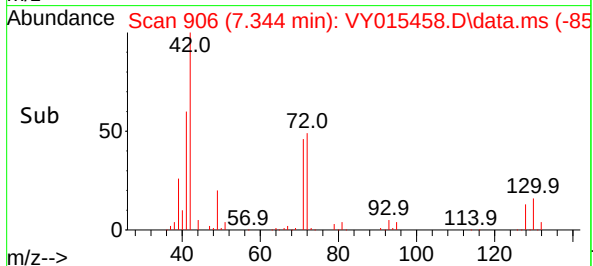
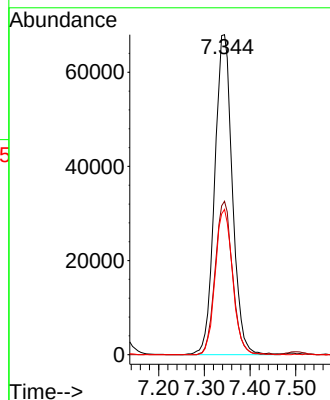
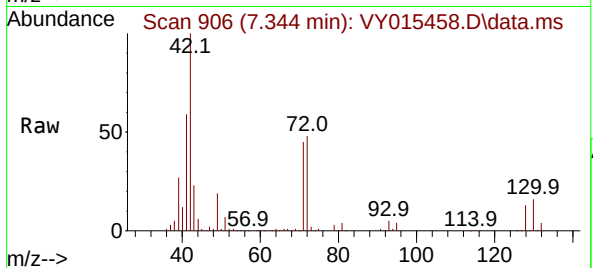
71 44.6 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#30

Chloroform

Concen: 52.598 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015458.D

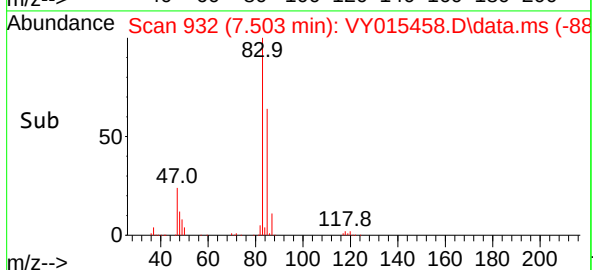
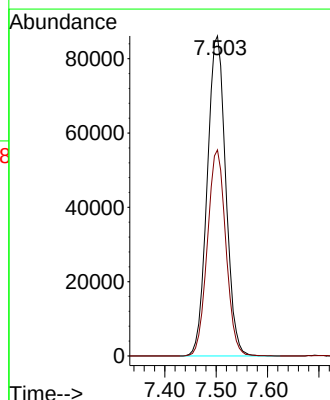
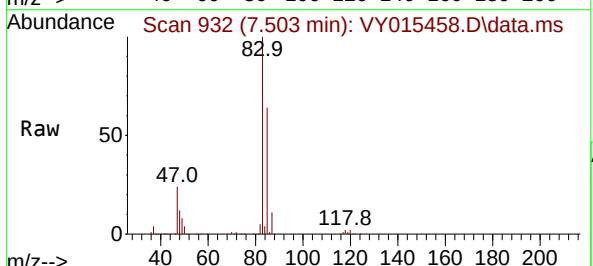
Acq: 07 Sep 2023 09:15

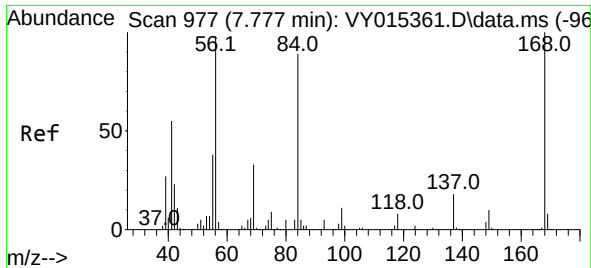
Tgt Ion: 83 Resp: 214996

Ion Ratio Lower Upper

83 100

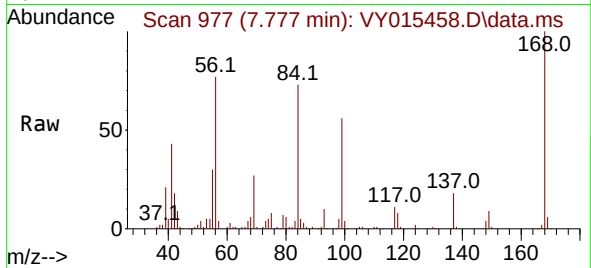
85 64.4 49.7 74.5





#31
Cyclohexane
Concen: 40.929 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

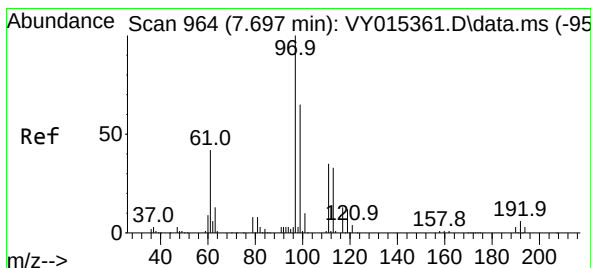
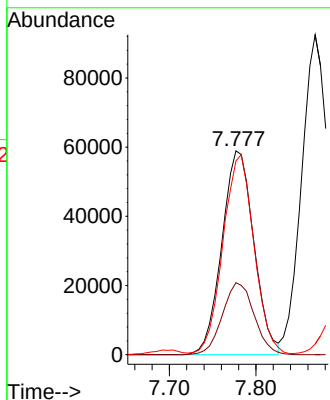
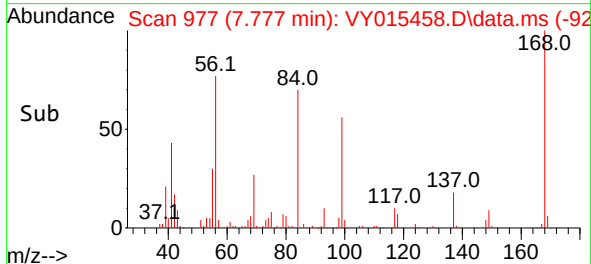
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



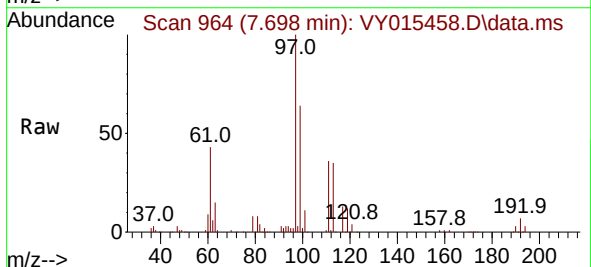
Tgt Ion: 56 Resp: 15144
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.6
84 93.4 66.4 99.6

Manual Integrations
APPROVED

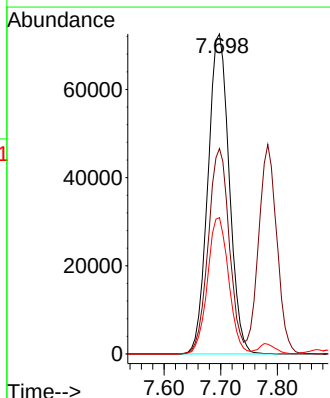
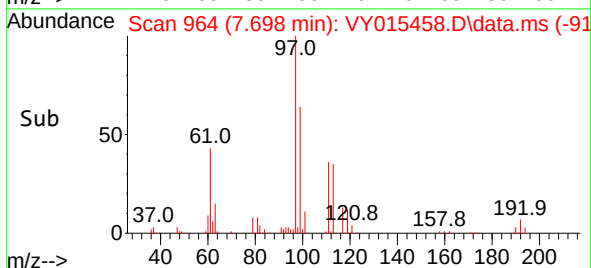
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

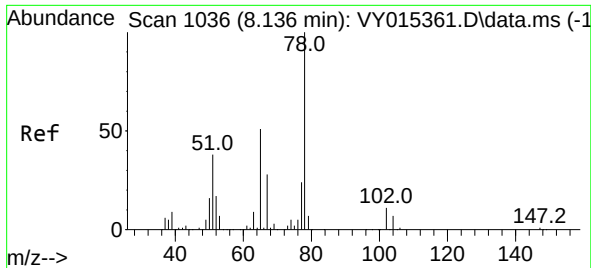


#32
1,1,1-Trichloroethane
Concen: 51.879 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion: 97 Resp: 189411
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 42.5 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 47.739 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

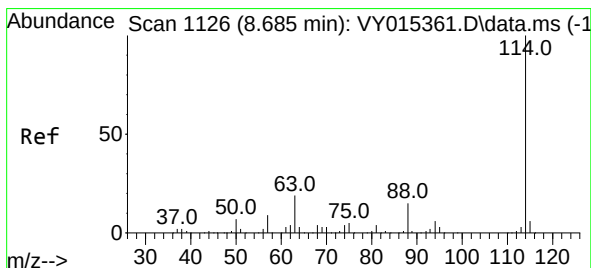
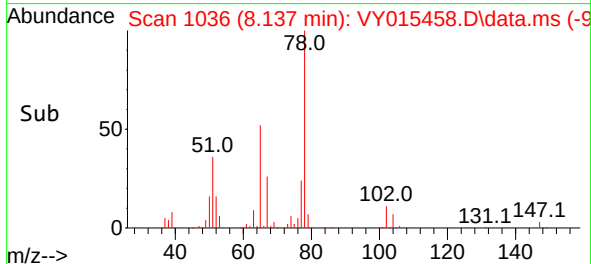
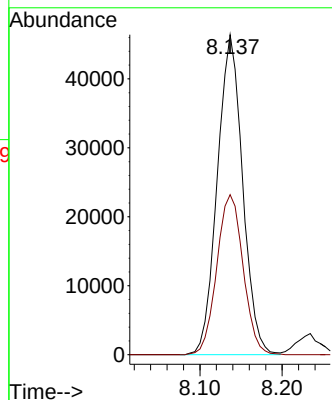
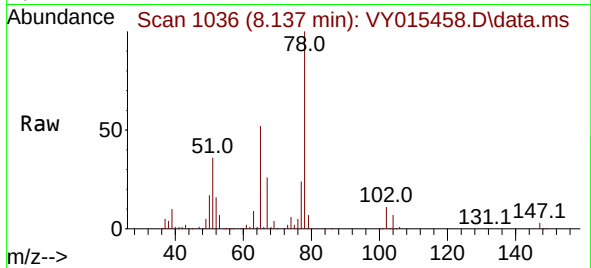
VSTDCCC050

Tgt Ion: 65 Resp: 9944
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8

Manual Integrations

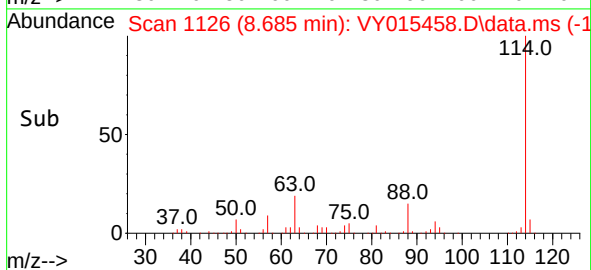
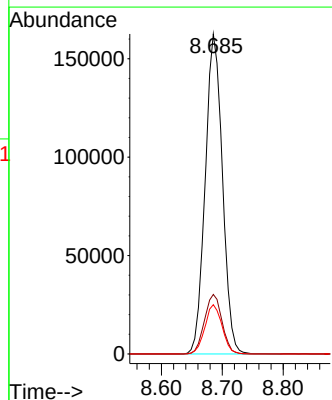
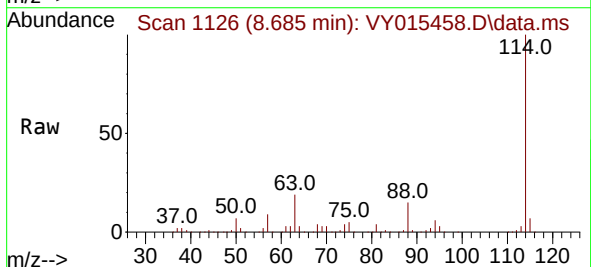
APPROVED

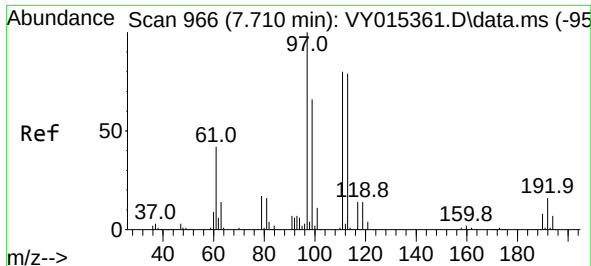
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

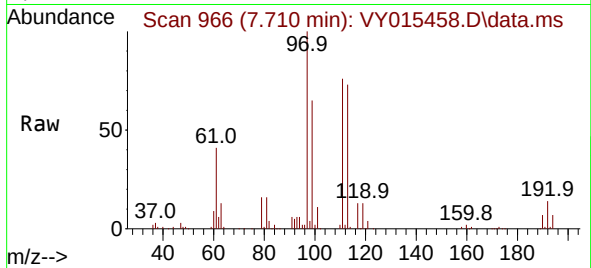
Tgt Ion:114 Resp: 319442
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.473 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

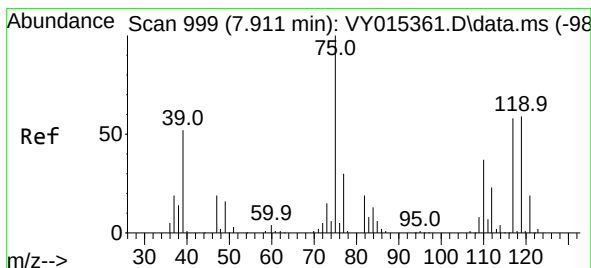
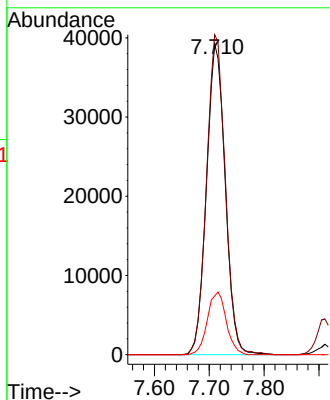
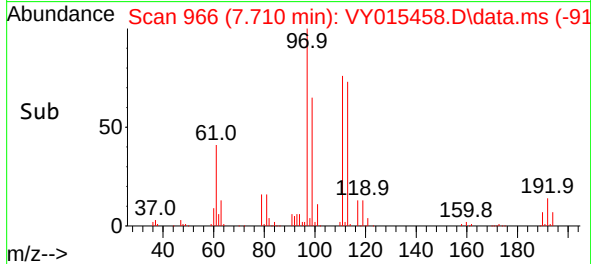
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 92860
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 20.4 16.9 25.3

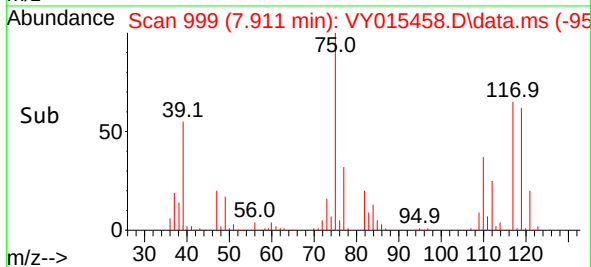
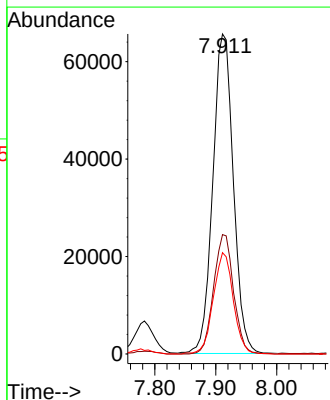
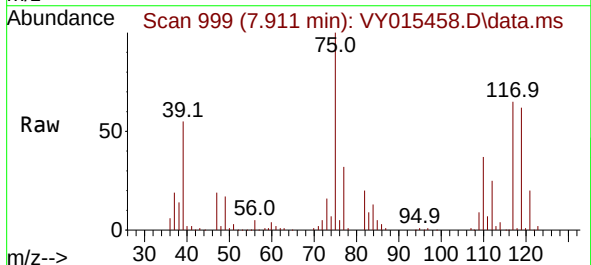
Manual Integrations
APPROVED

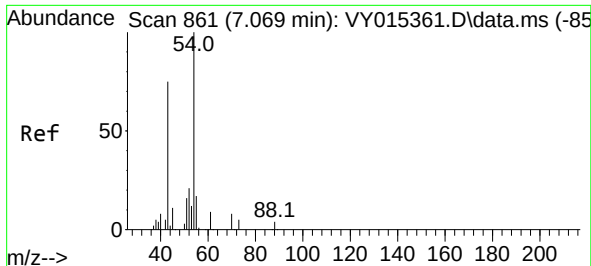
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#36
1,1-Dichloropropene
Concen: 47.589 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion: 75 Resp: 153744
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 47.726 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 118910

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

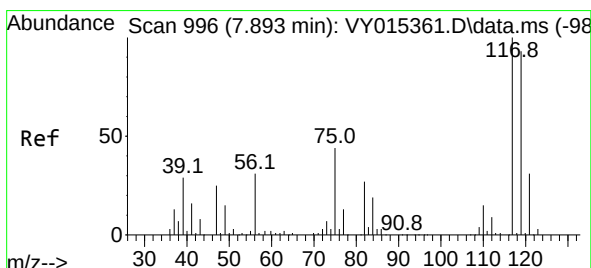
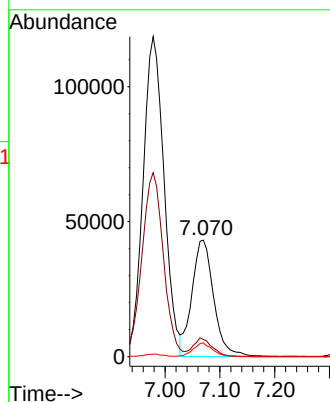
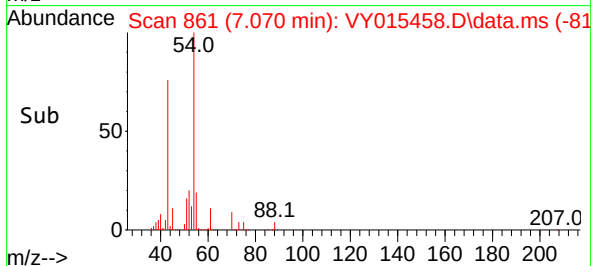
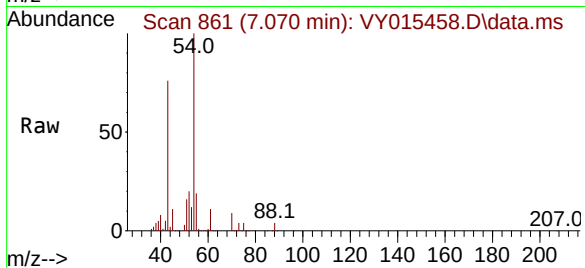
70 10.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#38

Carbon Tetrachloride

Concen: 50.229 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

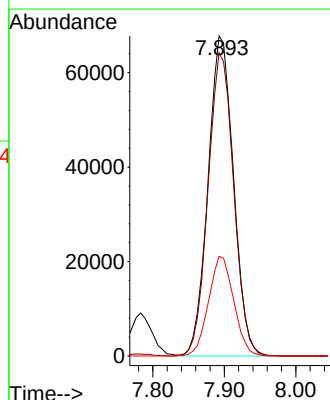
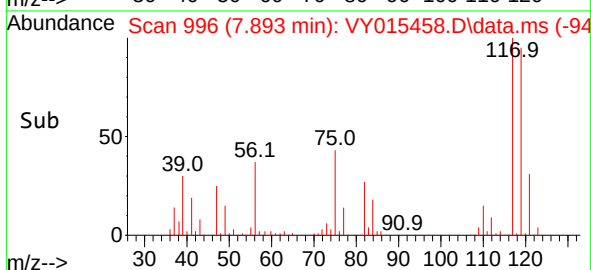
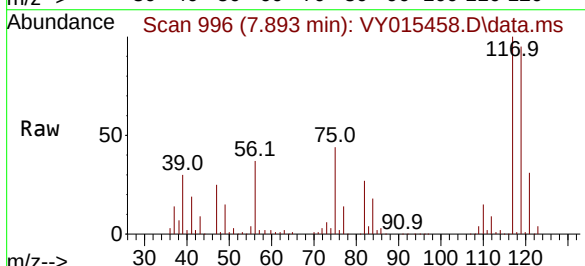
Tgt Ion:117 Resp: 167600

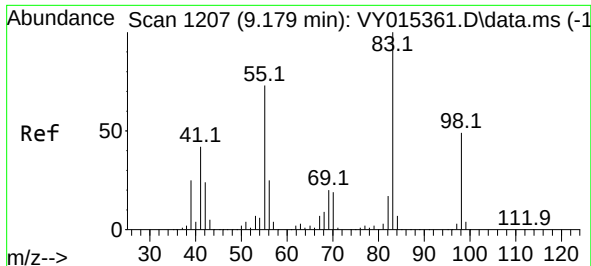
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 43.555 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 177150

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

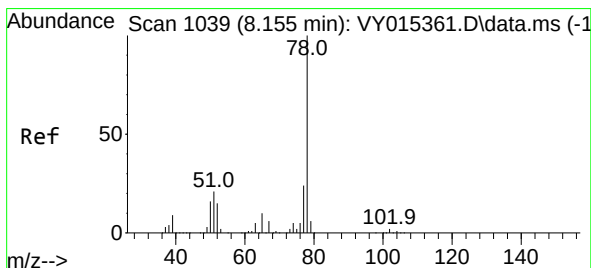
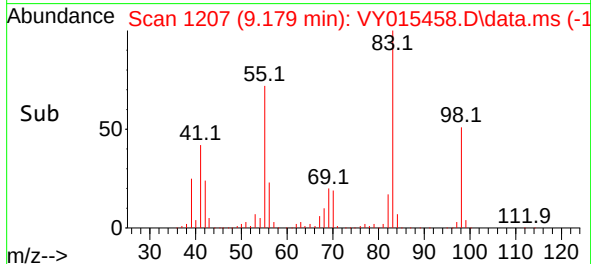
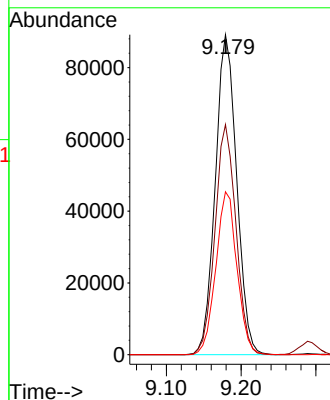
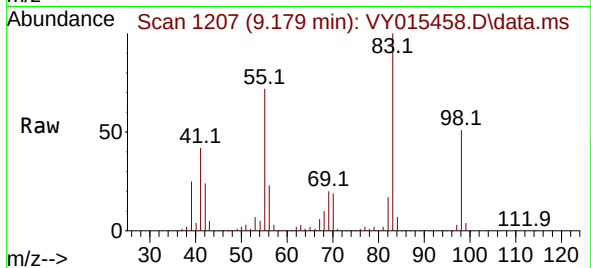
98 50.9 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#40

Benzene

Concen: 49.929 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015458.D

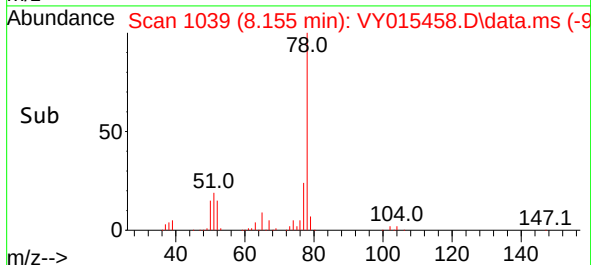
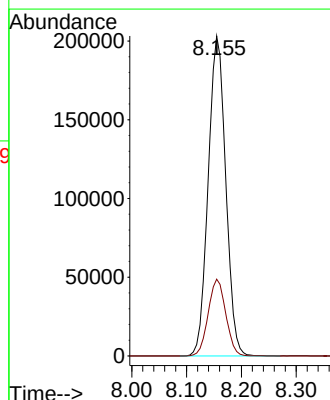
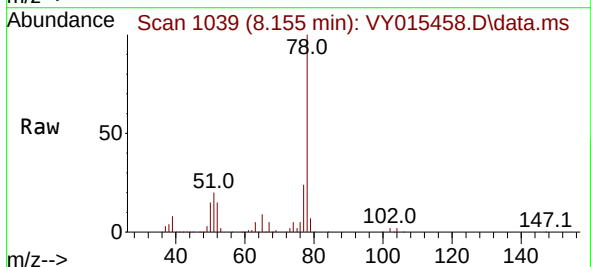
Acq: 07 Sep 2023 09:15

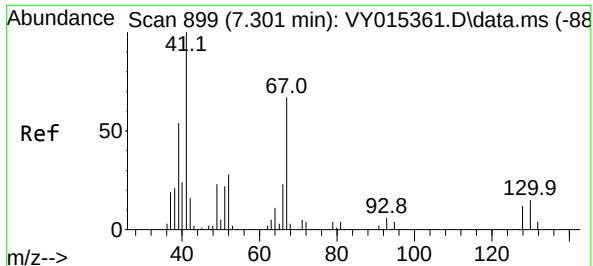
Tgt Ion: 78 Resp: 450039

Ion Ratio Lower Upper

78 100

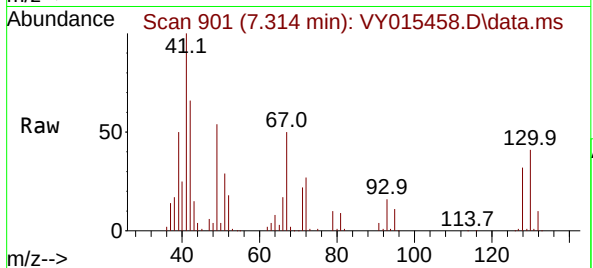
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 50.234 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

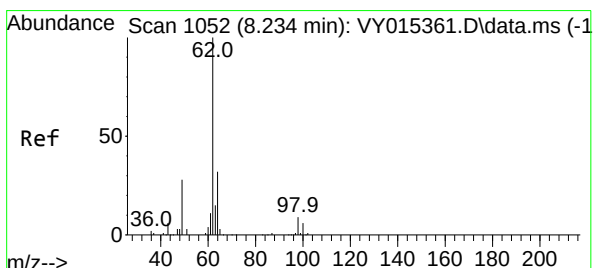
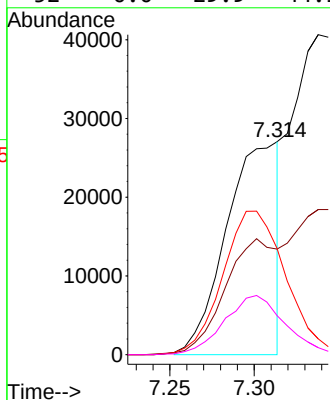
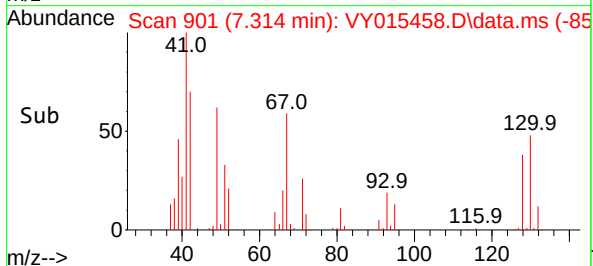
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 58690
Ion Ratio Lower Upper
41 100
39 75.8 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

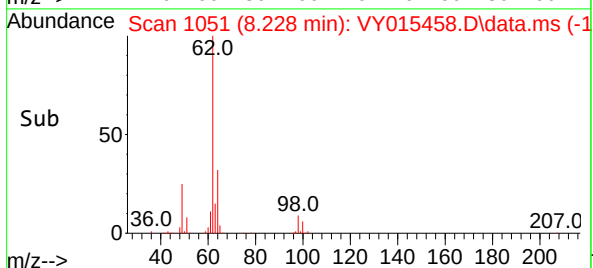
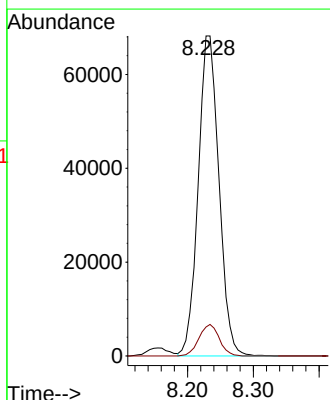
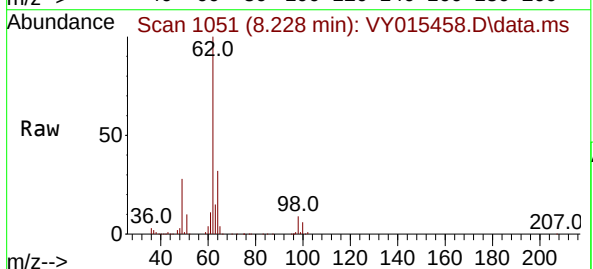
Manual Integrations
APPROVED

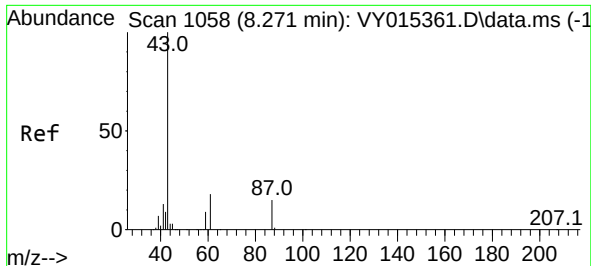
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#42
1,2-Dichloroethane
Concen: 49.787 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

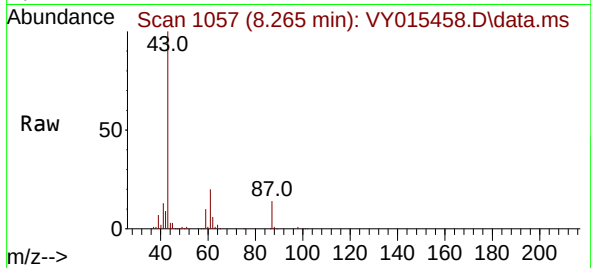
Tgt Ion: 62 Resp: 149640
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.236 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

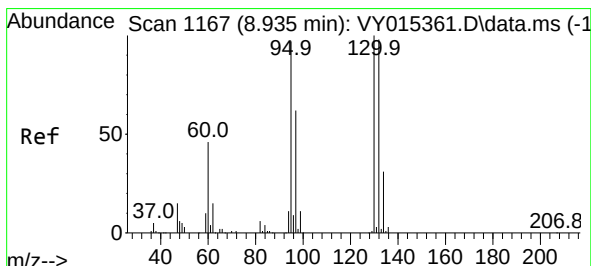
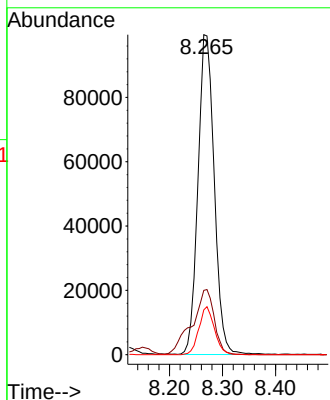
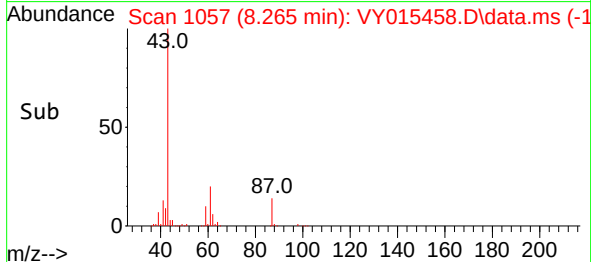
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



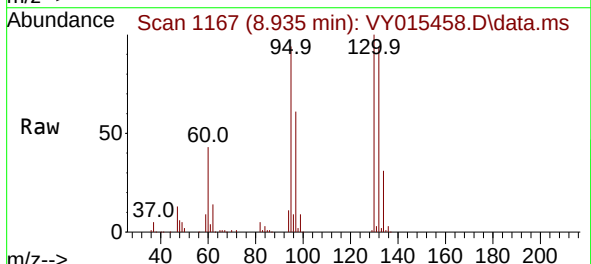
Tgt Ion: 43 Resp: 212139
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.3 9.8 14.8

Manual Integrations
APPROVED

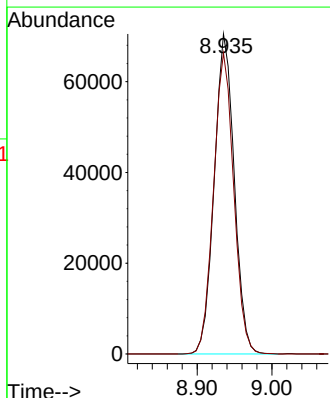
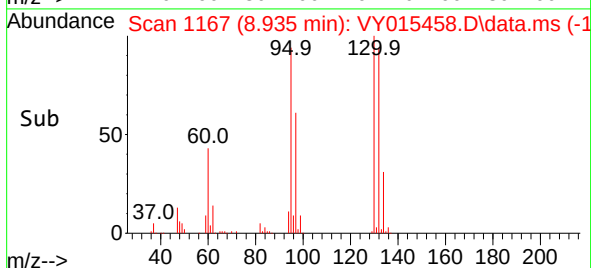
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

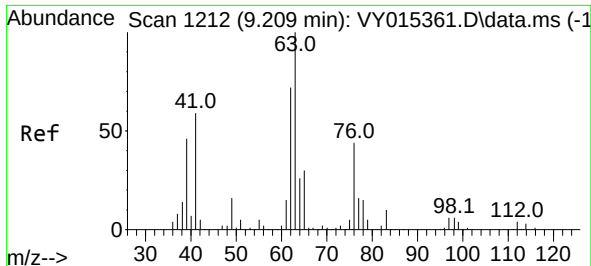


#44
Trichloroethene
Concen: 51.489 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion:130 Resp: 131311
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.964 ug/l

RT: 9.210 min Scan# 113529

Delta R.T. -0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 113529

Ion Ratio Lower Upper

63 100

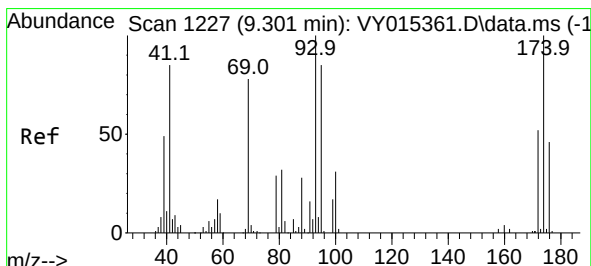
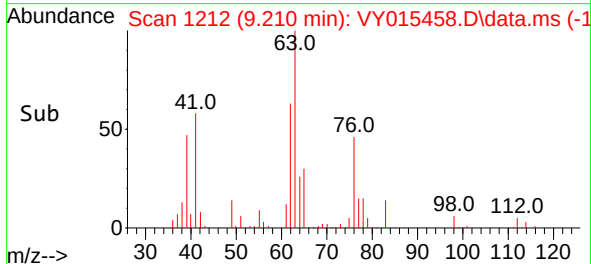
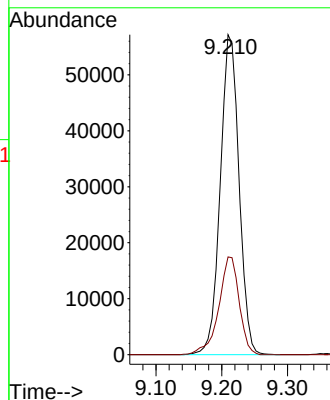
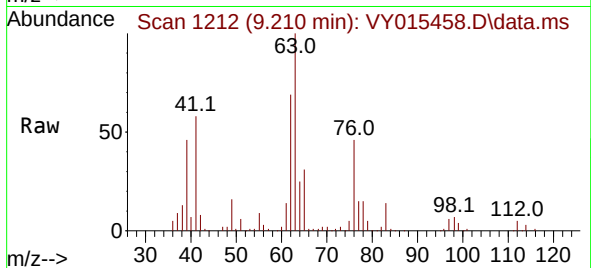
65 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#46

Dibromomethane

Concen: 49.668 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

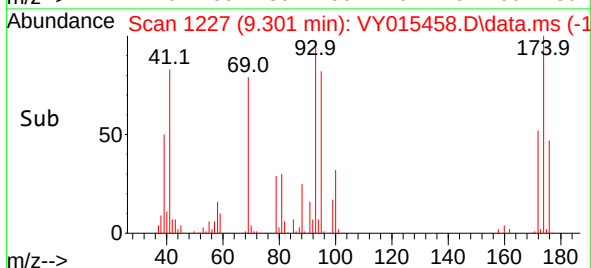
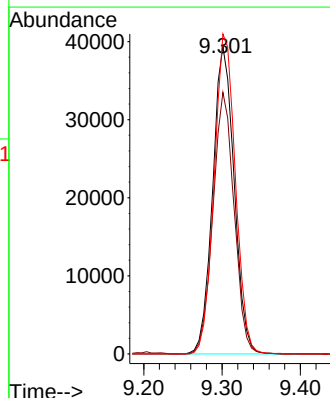
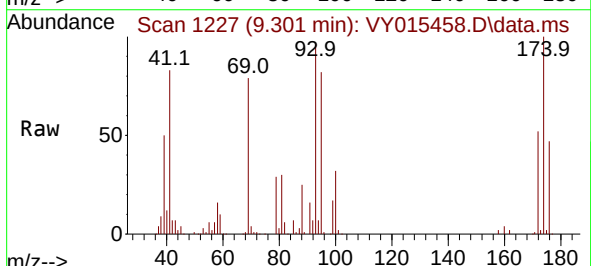
Tgt Ion: 93 Resp: 74966

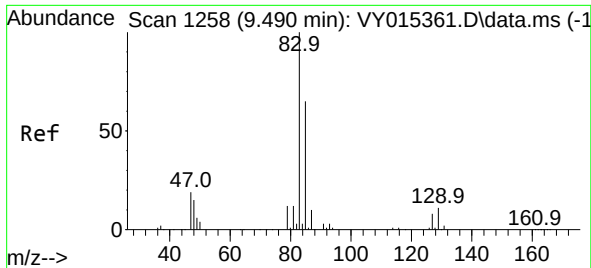
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 103.2 84.8 127.2





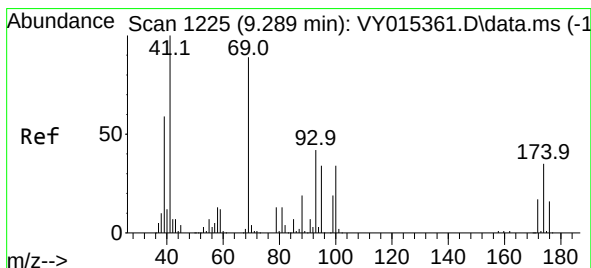
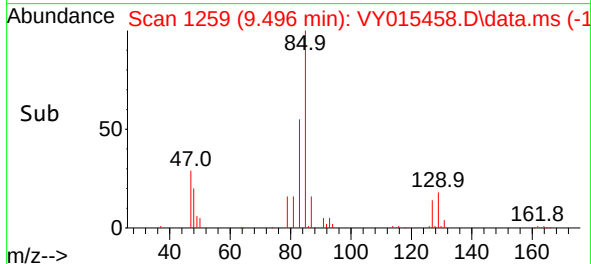
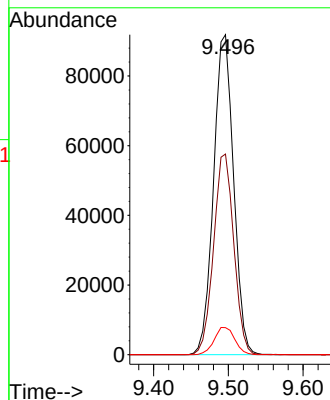
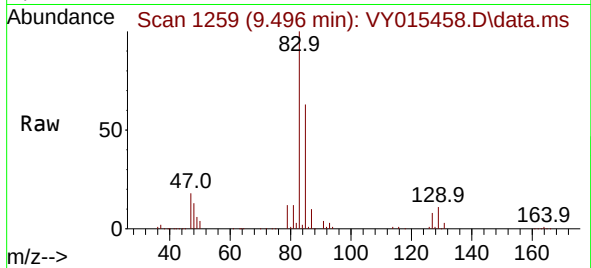
#47
Bromodichloromethane
Concen: 52.916 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17080
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.5 7.1 10.7

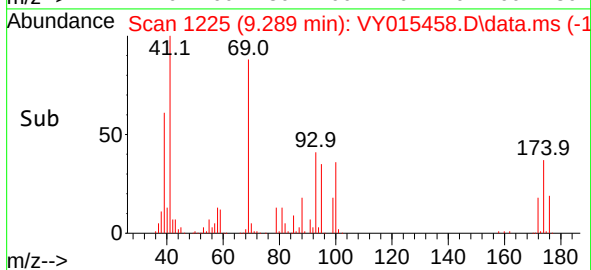
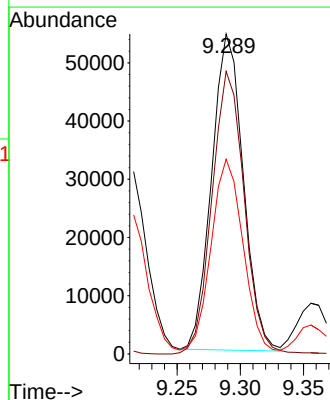
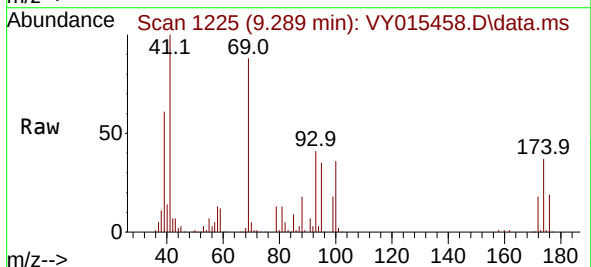
Manual Integrations
APPROVED

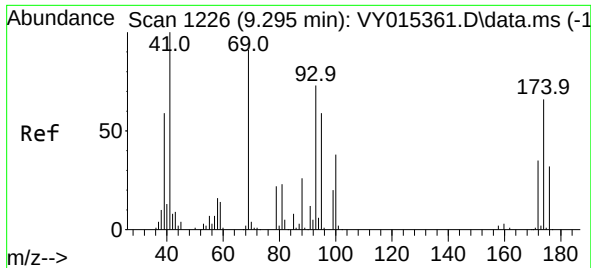
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#48
Methyl methacrylate
Concen: 47.737 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

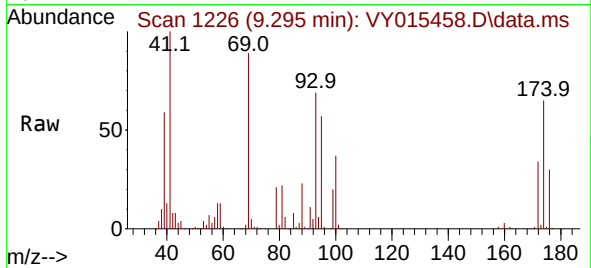
Tgt Ion: 41 Resp: 94370
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 62.9 50.8 76.2





#49
1,4-Dioxane
Concen: 977.084 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

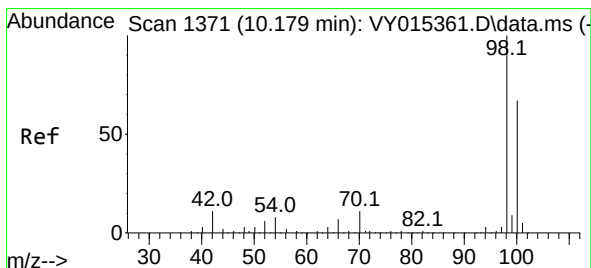
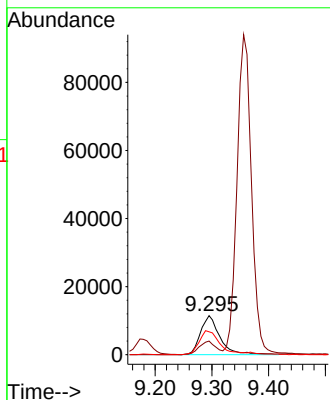
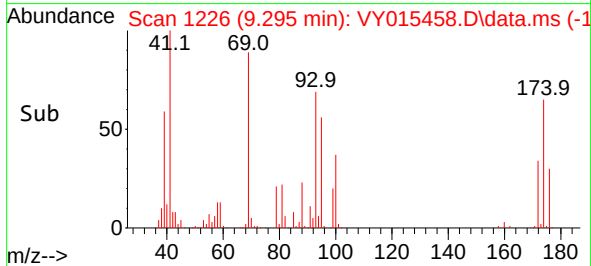
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2739
Ion Ratio Lower Upper
88 100
43 30.0 0.0 0.0
58 68.8 30.9 46.3

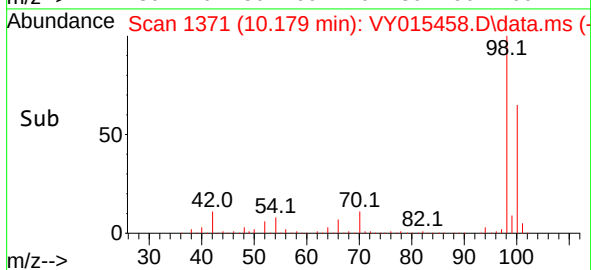
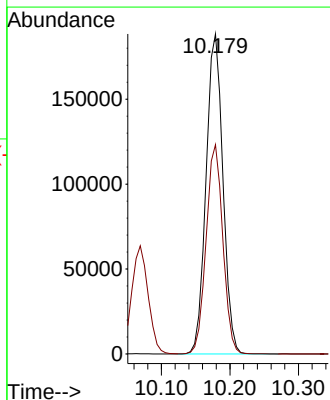
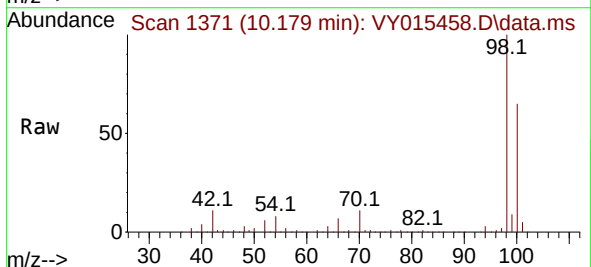
Manual Integrations
APPROVED

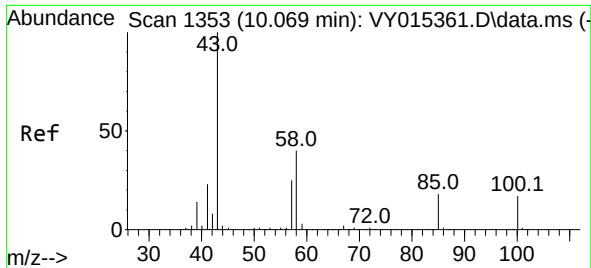
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#50
Toluene-d8
Concen: 48.309 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion: 98 Resp: 321882
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





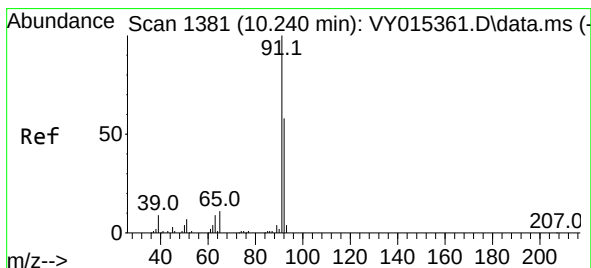
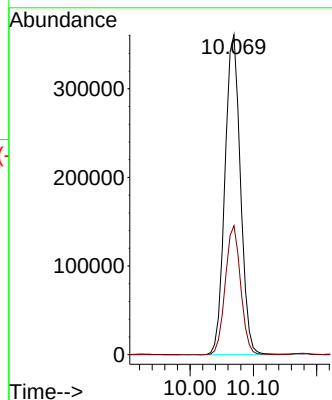
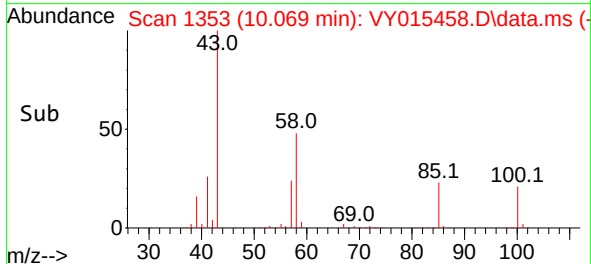
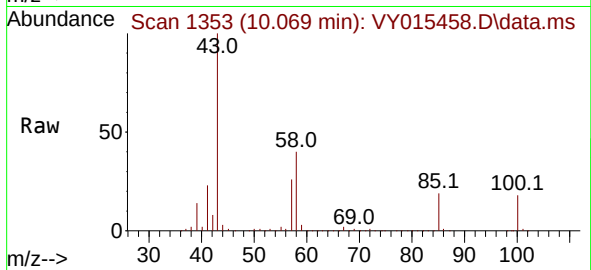
#51
4-Methyl-2-Pentanone
Concen: 244.846 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 613162
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6

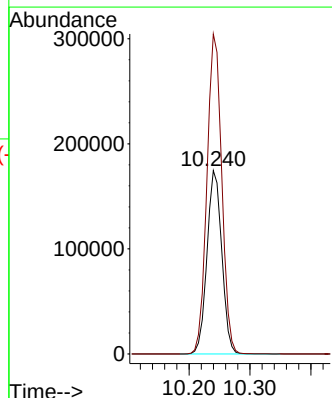
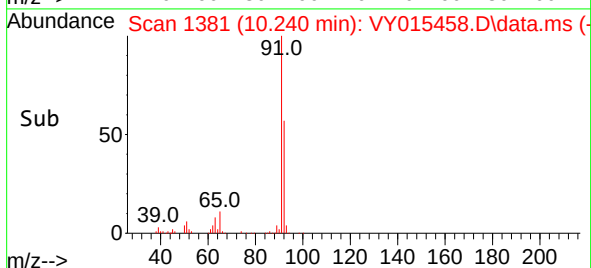
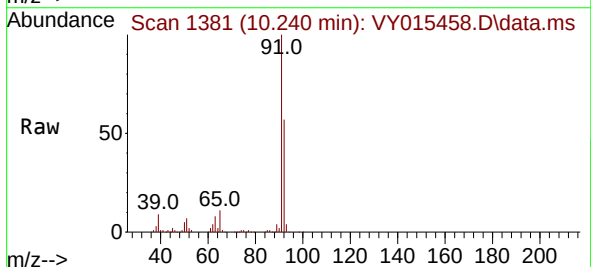
Manual Integrations
APPROVED

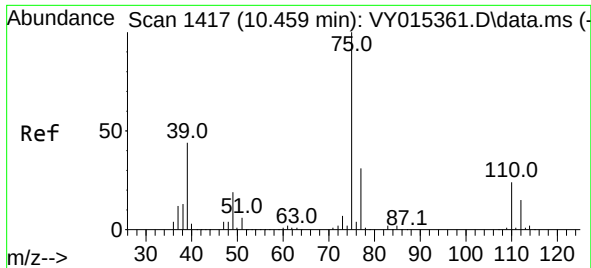
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#52
Toluene
Concen: 50.915 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion: 92 Resp: 294141
Ion Ratio Lower Upper
92 100
91 174.7 143.8 215.6





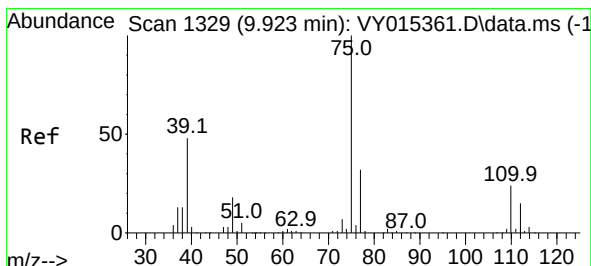
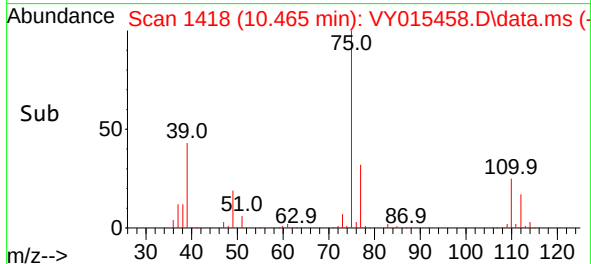
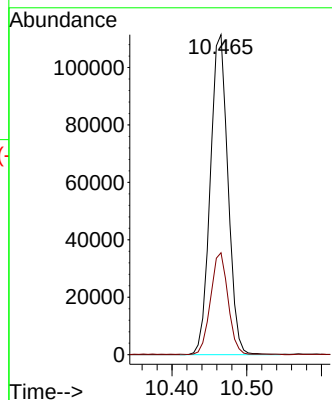
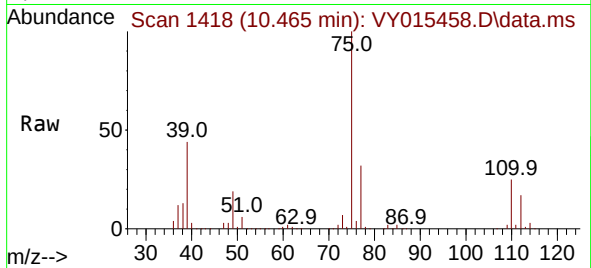
#53
 t-1,3-Dichloropropene
 Concen: 53.425 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 183264
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4

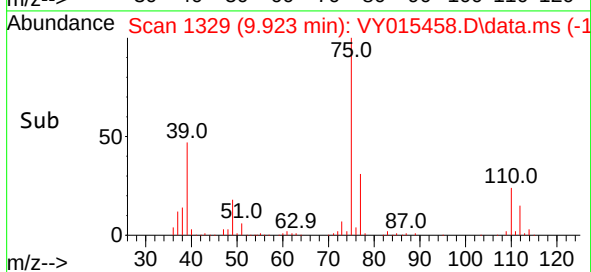
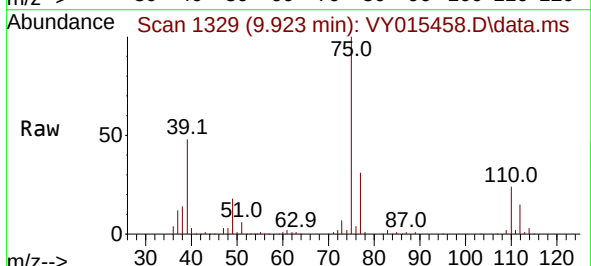
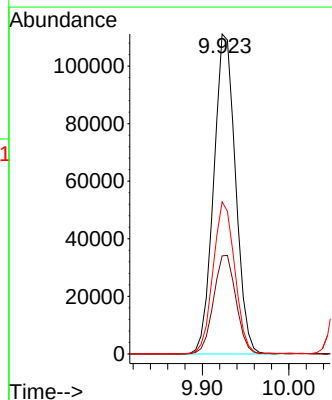
Manual Integrations
 APPROVED

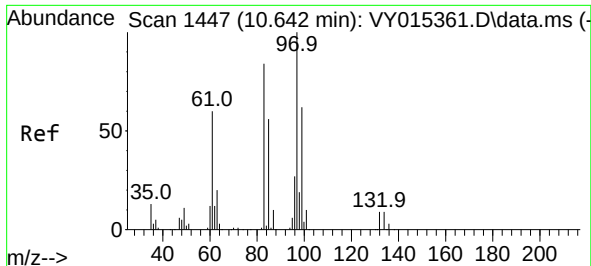
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.195 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

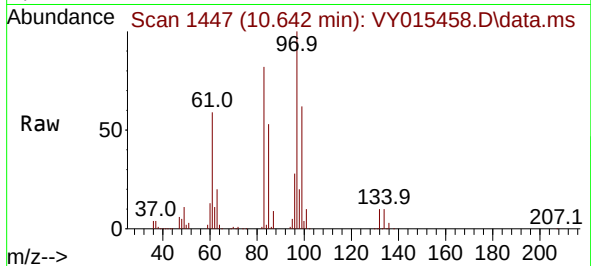
Tgt Ion: 75 Resp: 194769
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 47.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 52.130 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

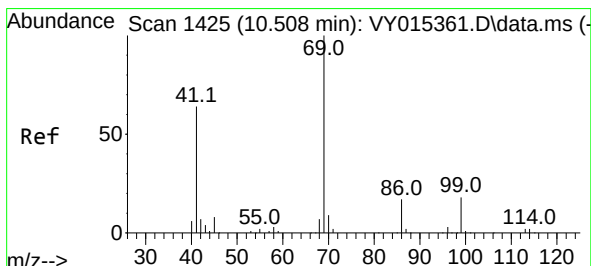
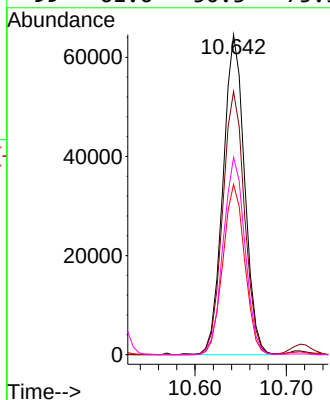
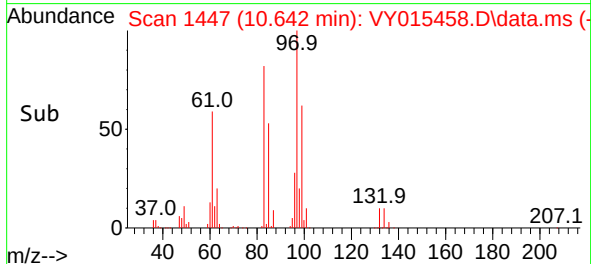
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	106018
Ion Ratio	100	Lower	Upper
97	100		
83	82.2	72.0	108.0
85	53.3	45.4	68.0
99	61.6	50.3	75.5

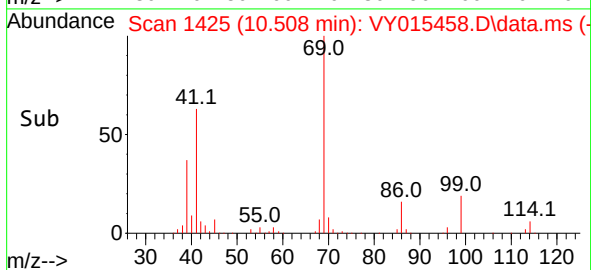
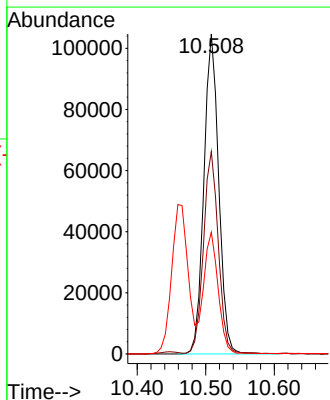
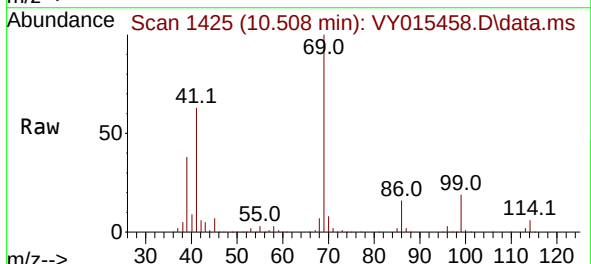
Manual Integrations
APPROVED

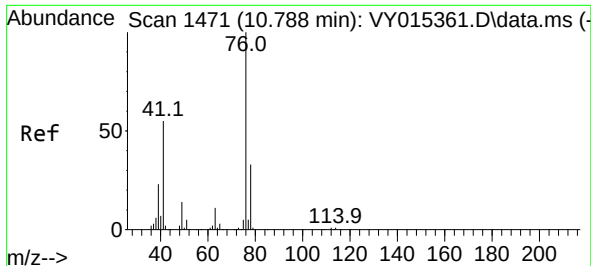
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#56
Ethyl methacrylate
Concen: 52.473 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion:	69	Resp:	158139
Ion Ratio	100	Lower	Upper
69	100		
41	63.0	57.6	86.4
39	37.8	34.1	51.1





#57

1,3-Dichloropropane

Concen: 50.437 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 176570

Ion Ratio Lower Upper

76 100

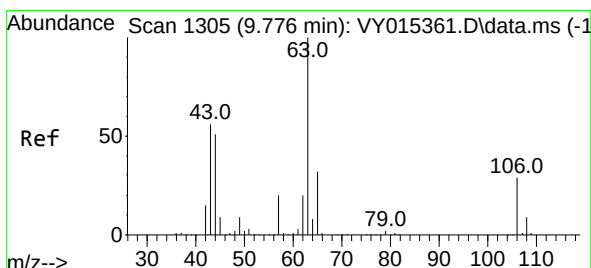
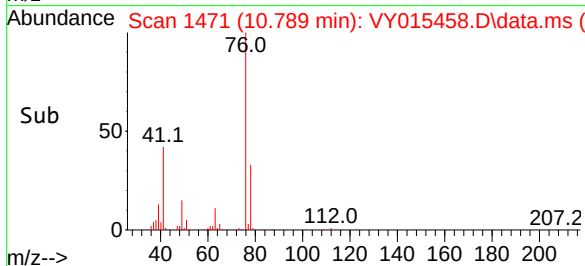
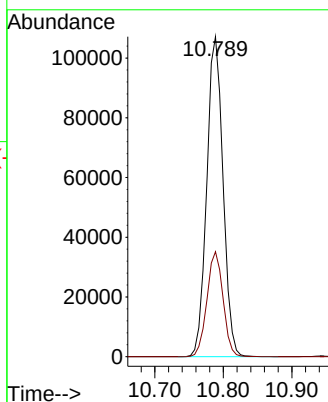
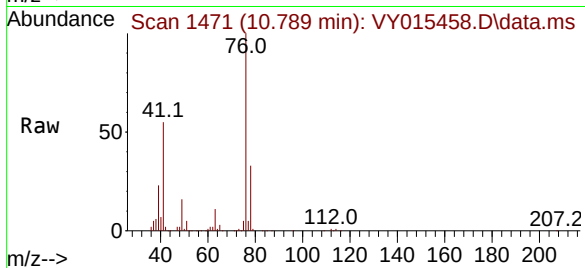
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 216.073 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015458.D

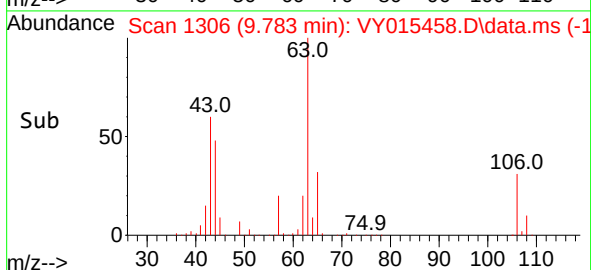
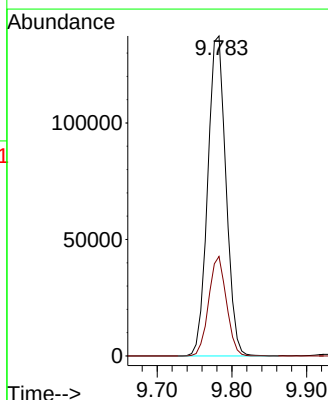
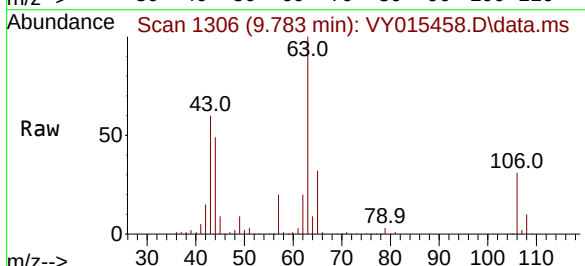
Acq: 07 Sep 2023 09:15

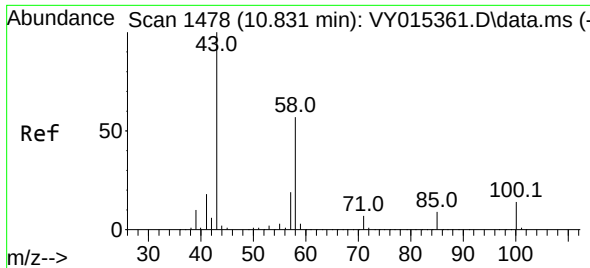
Tgt Ion: 63 Resp: 232432

Ion Ratio Lower Upper

63 100

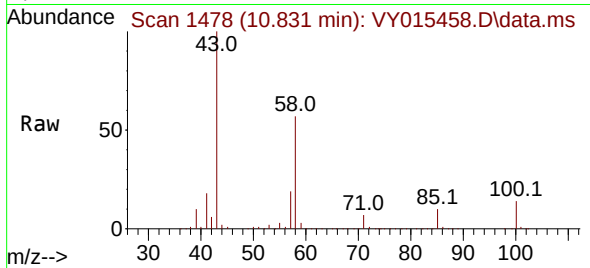
106 30.2 21.2 31.8





#59
2-Hexanone
Concen: 251.338 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

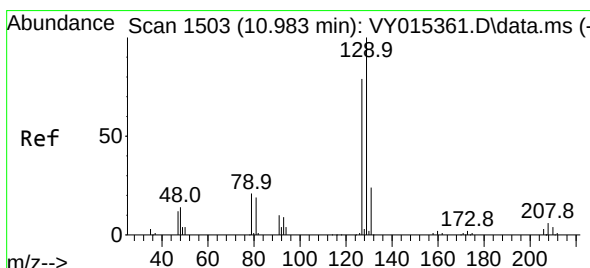
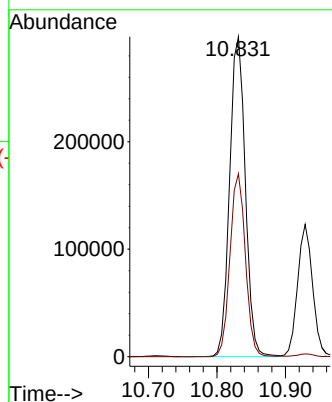
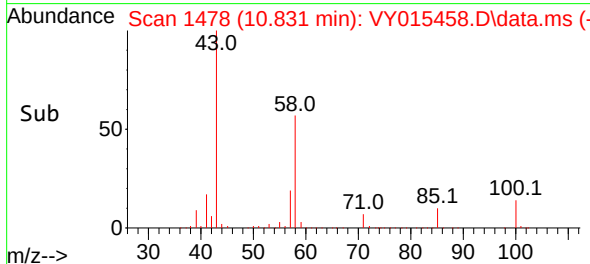
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



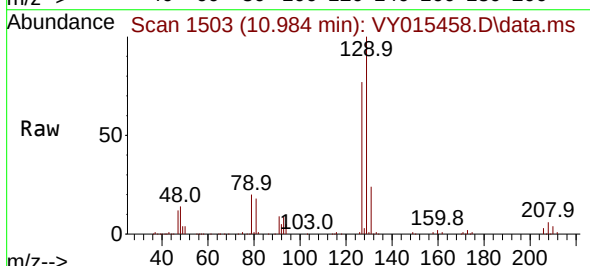
Tgt Ion: 43 Resp: 472280
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3

Manual Integrations
APPROVED

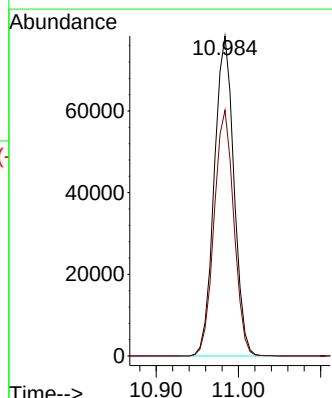
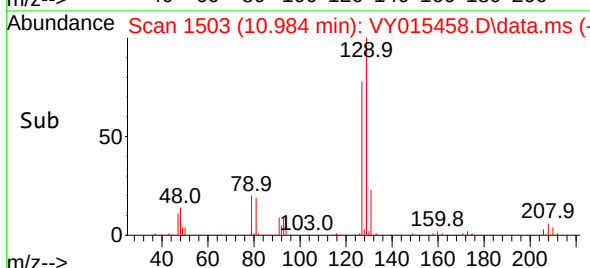
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

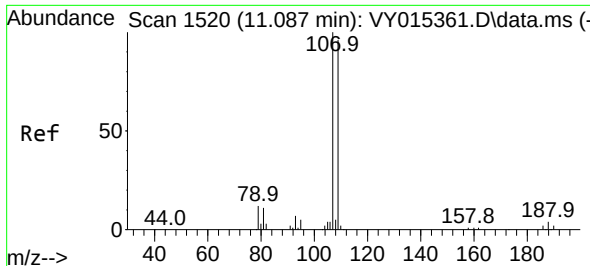


#60
Dibromochloromethane
Concen: 54.596 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



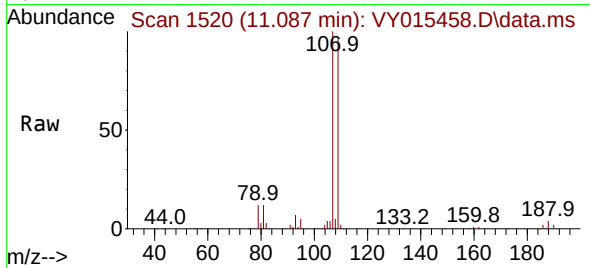
Tgt Ion:129 Resp: 129958
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.745 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

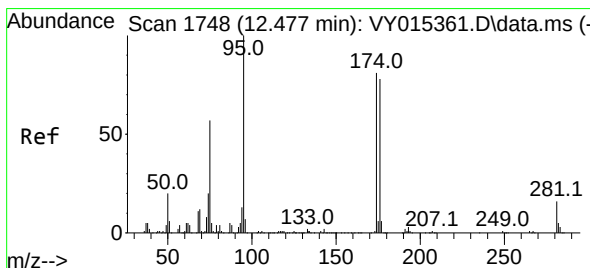
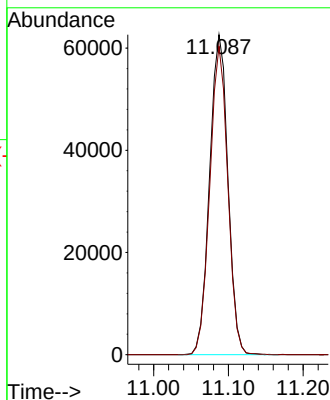
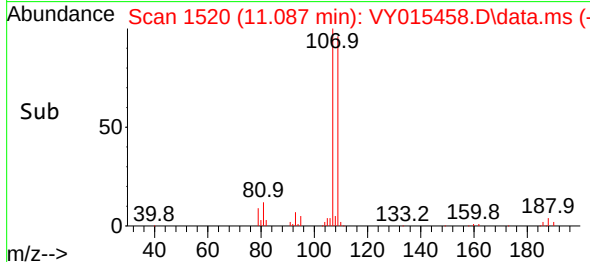
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



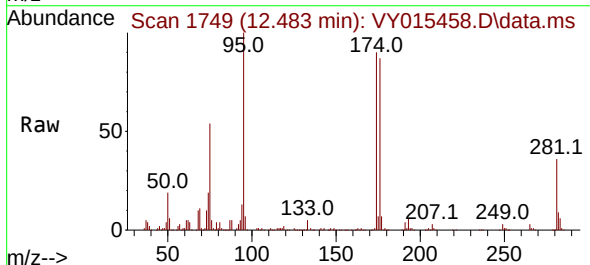
Tgt Ion:107 Resp: 106632
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

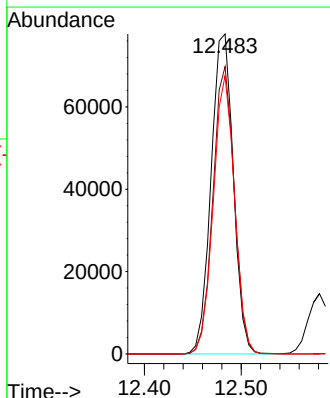
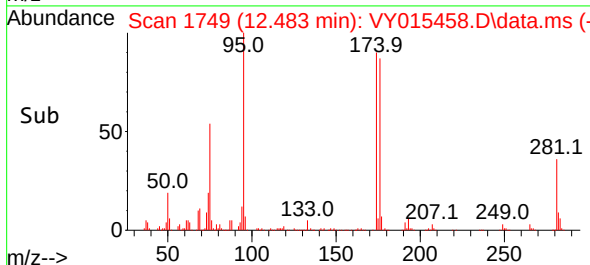
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

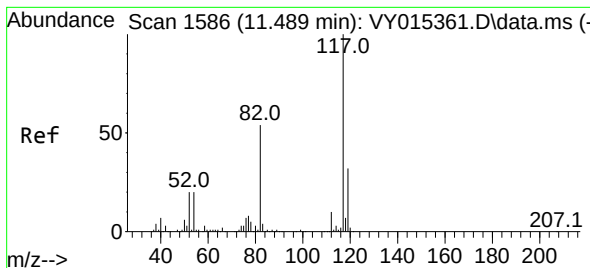


#62
4-Bromofluorobenzene
Concen: 50.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



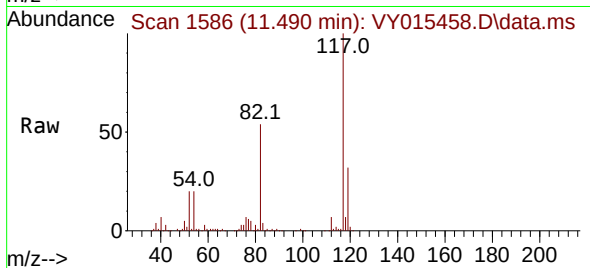
Tgt Ion: 95 Resp: 124156
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

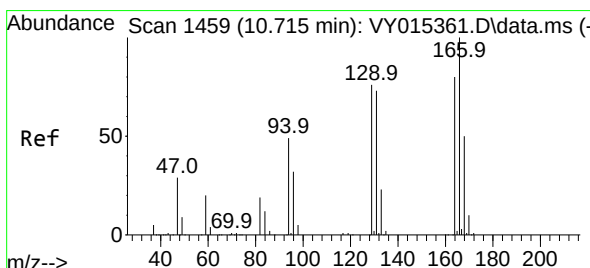
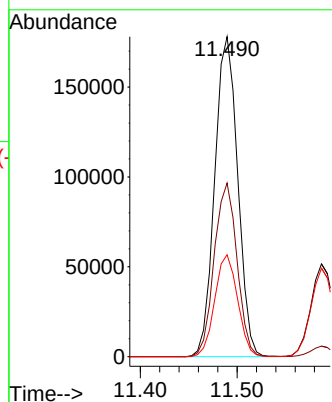
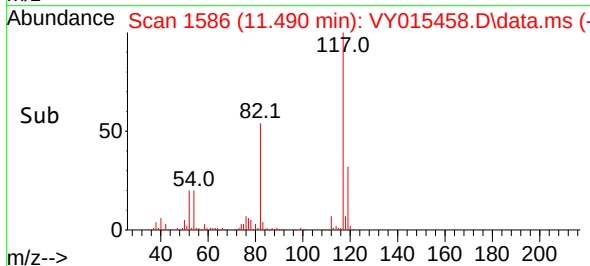
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 29373
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.9 26.3 39.5

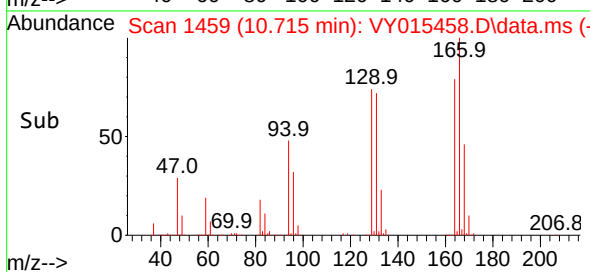
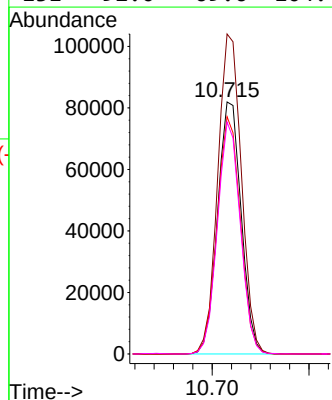
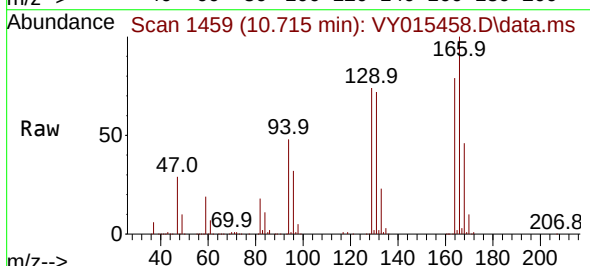
Manual Integrations
APPROVED

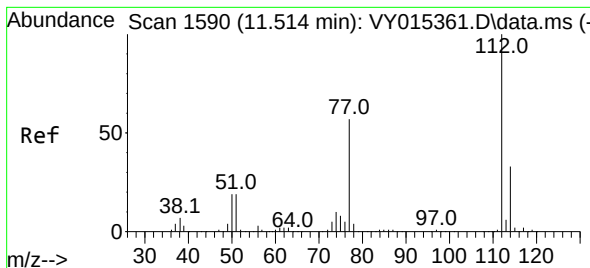
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#64
Tetrachloroethene
Concen: 52.133 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

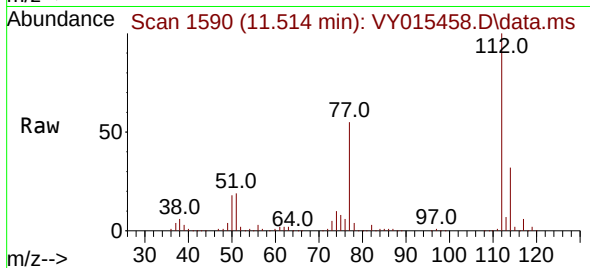
Tgt Ion:164 Resp: 138992
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 94.2 77.2 115.8
131 92.0 69.6 104.4





#65
Chlorobenzene
Concen: 51.330 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

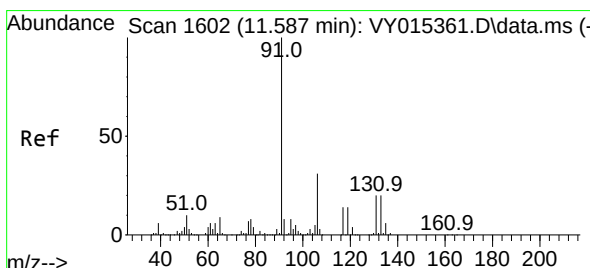
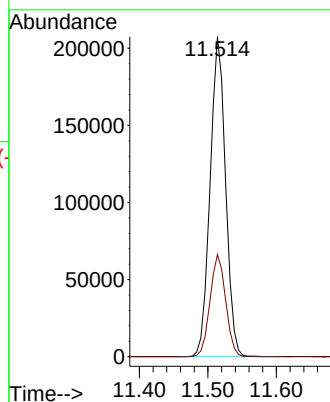
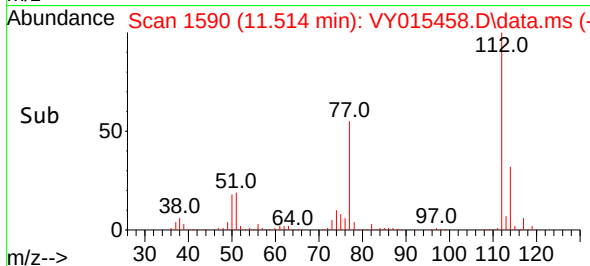
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



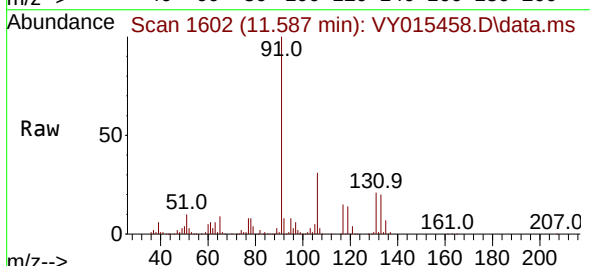
Tgt Ion:112 Resp: 324892
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

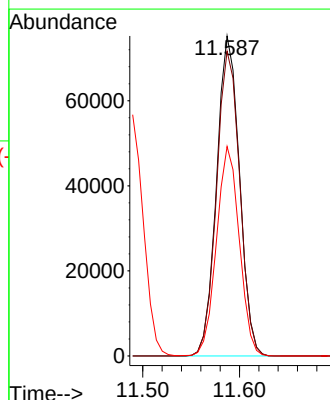
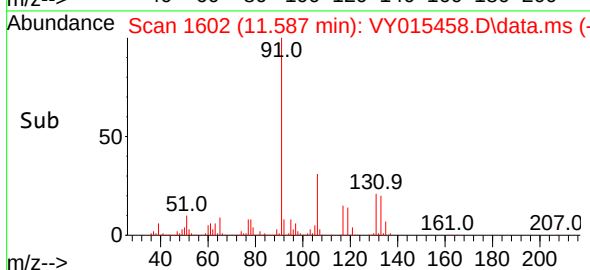
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

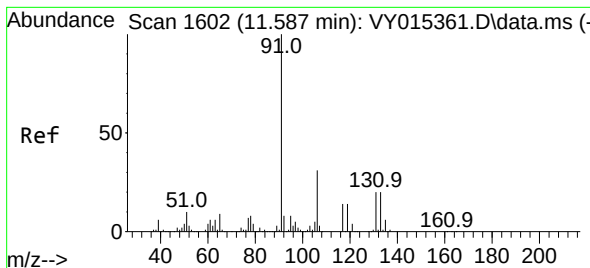


#66
1,1,1,2-Tetrachloroethane
Concen: 53.291 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion:131 Resp: 123461
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 51.240 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 58236

Ion Ratio Lower Upper

91 100

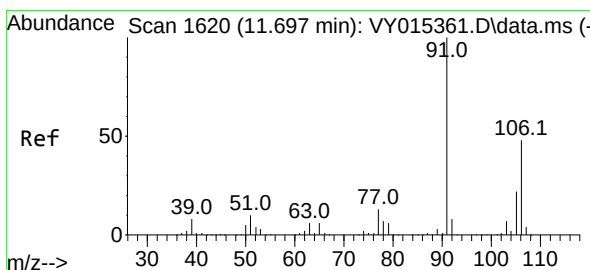
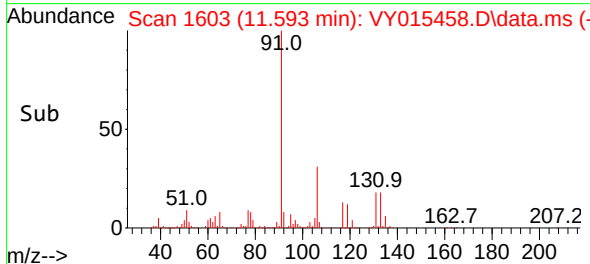
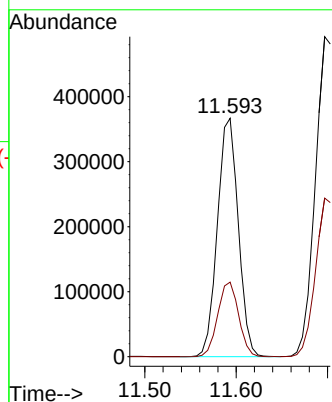
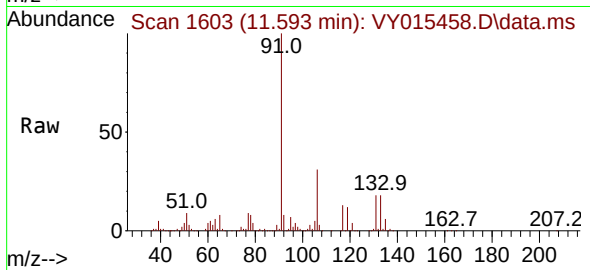
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#68

m/p-Xylenes

Concen: 102.679 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015458.D

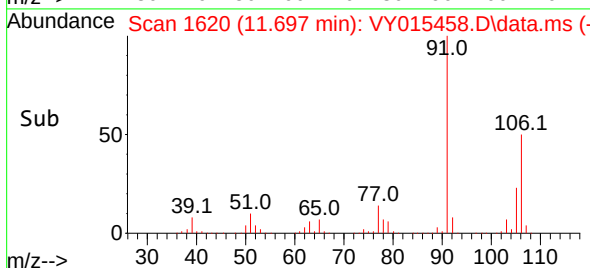
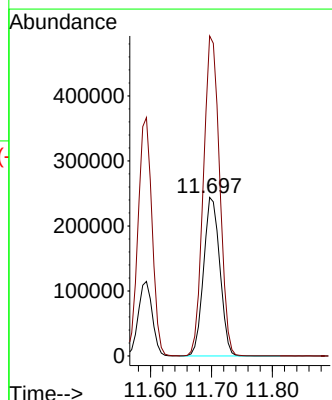
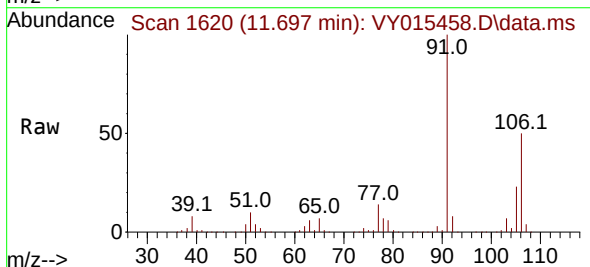
Acq: 07 Sep 2023 09:15

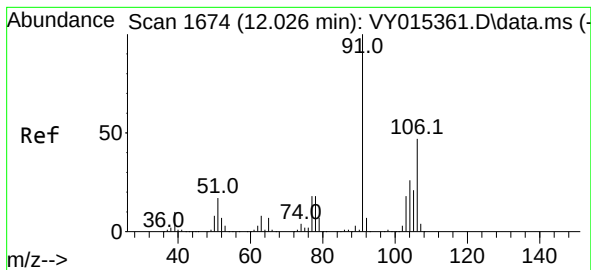
Tgt Ion:106 Resp: 452349

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1





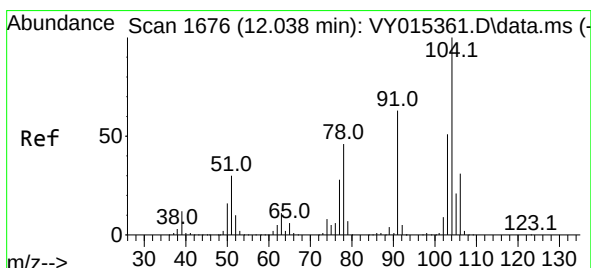
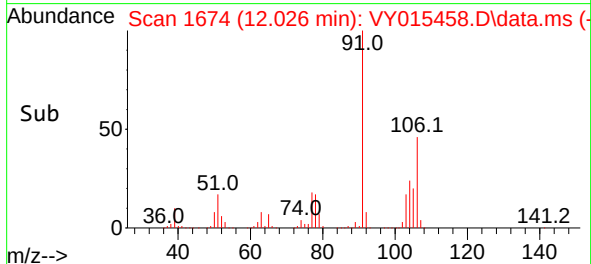
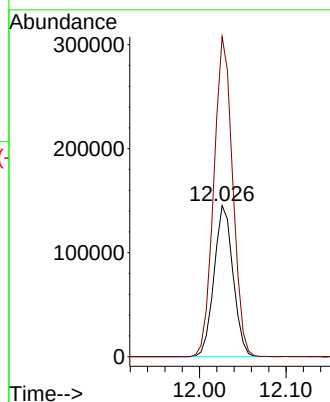
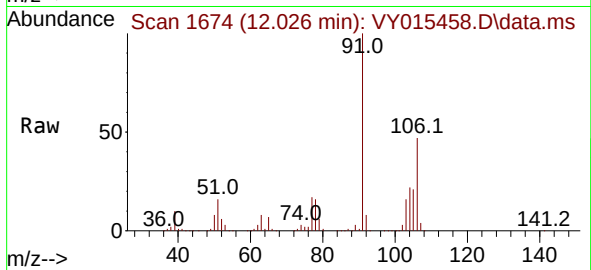
#69
o-Xylene
Concen: 52.508 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 221072
Ion Ratio Lower Upper
106 100
91 211.0 108.1 324.3

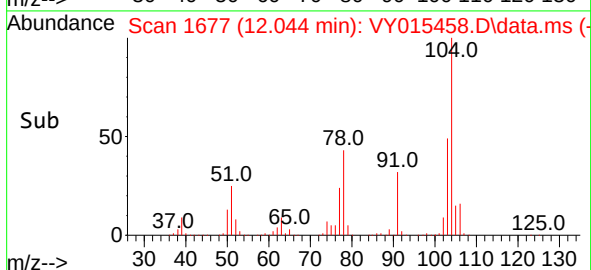
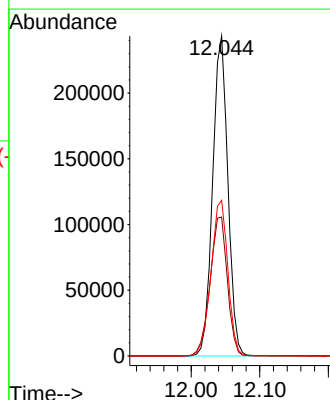
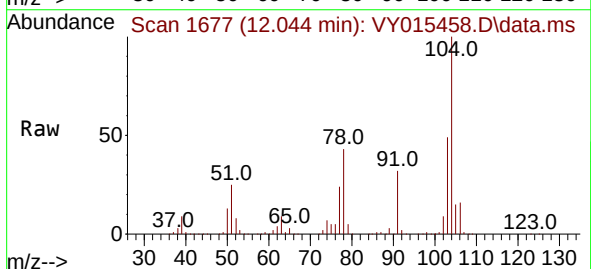
Manual Integrations
APPROVED

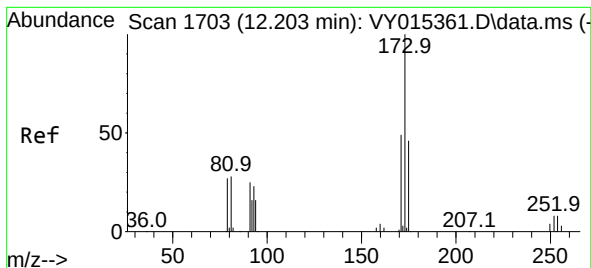
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#70
Styrene
Concen: 53.152 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion:104 Resp: 376278
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 54.0 44.6 67.0





#71

Bromoform

Concen: 55.213 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

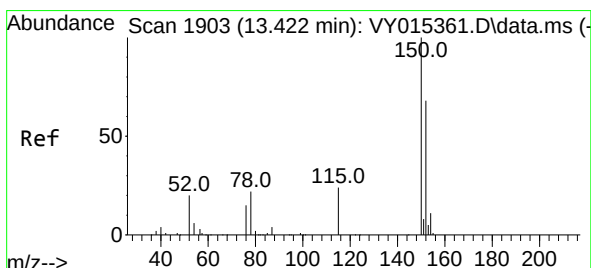
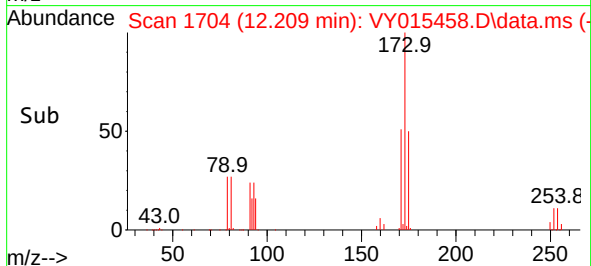
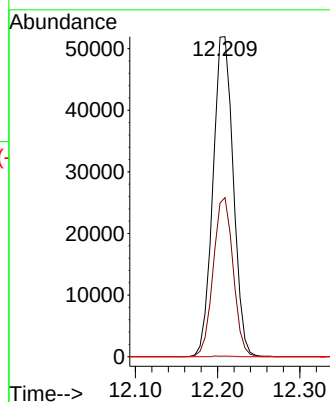
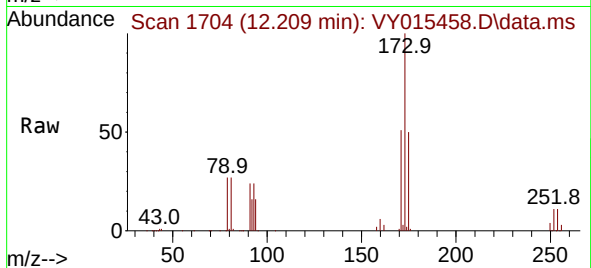
Tgt Ion:173 Resp: 89228
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.6 73.8
 254 0.2 0.2 0.2

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

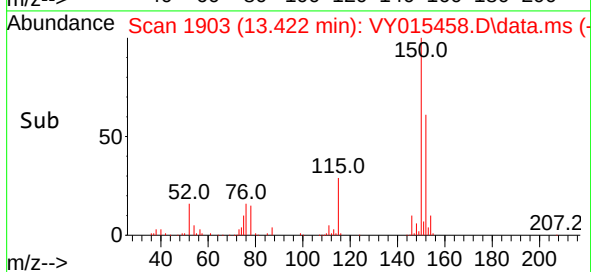
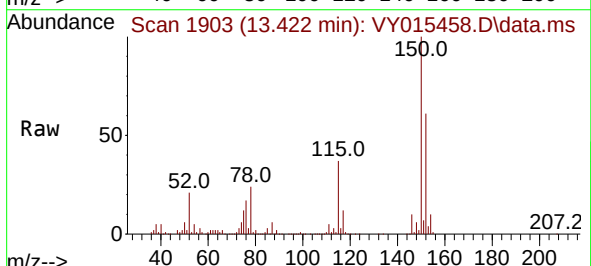
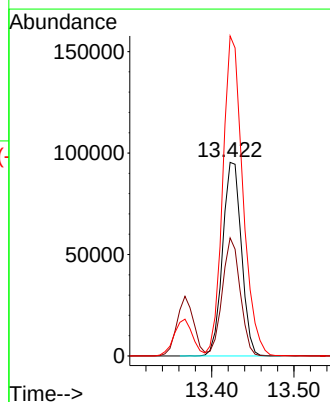
RT: 13.422 min Scan# 1903

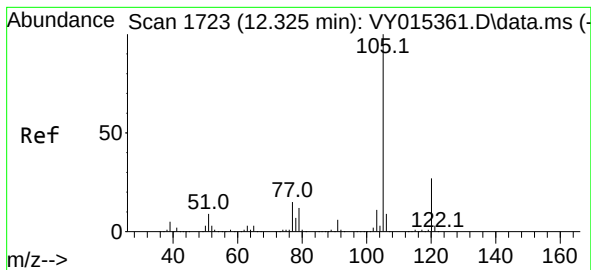
Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion:152 Resp: 151747
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 176.6 0.0 348.8





#73

Isopropylbenzene

Concen: 51.061 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 582009

Ion Ratio Lower Upper

105 100

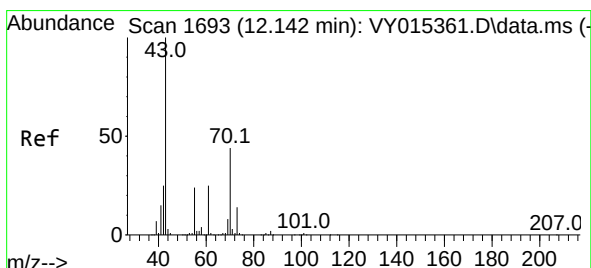
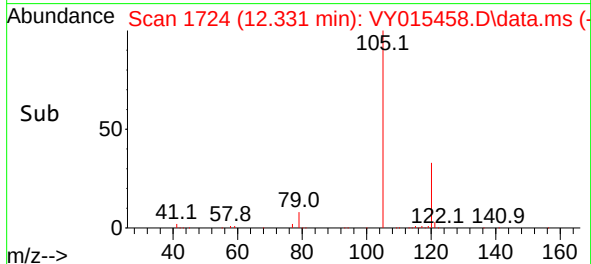
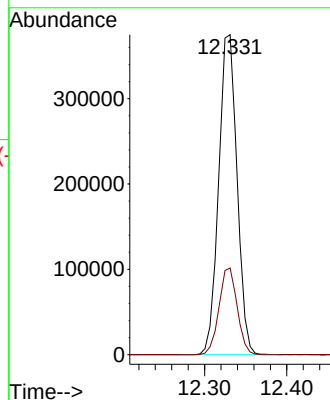
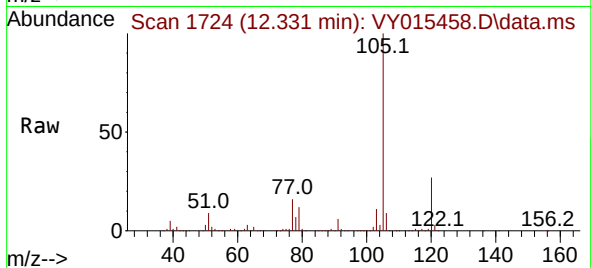
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#74

N-ethyl acetate

Concen: 51.087 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion: 43 Resp: 195632

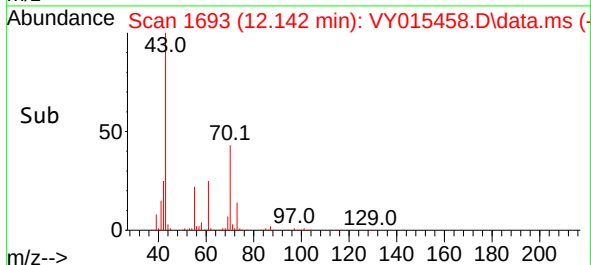
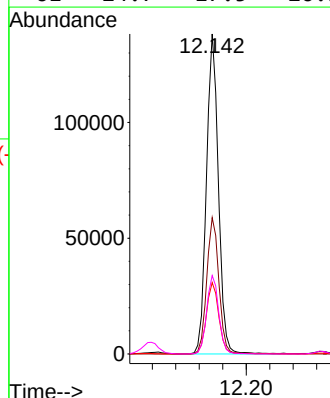
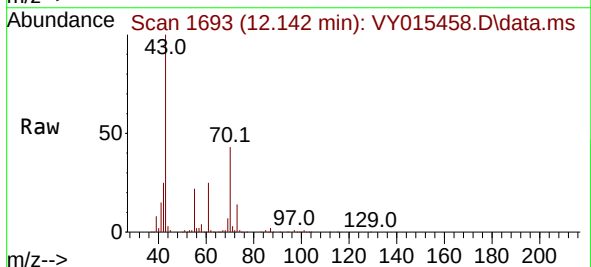
Ion Ratio Lower Upper

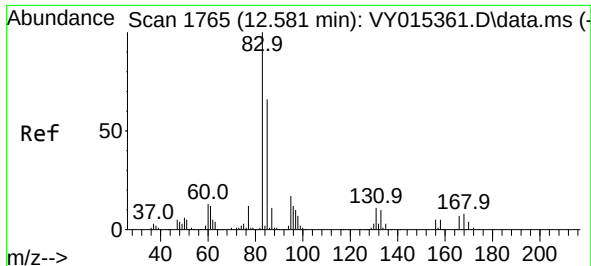
43 100

70 43.3 29.7 44.5

55 23.2 18.3 27.5

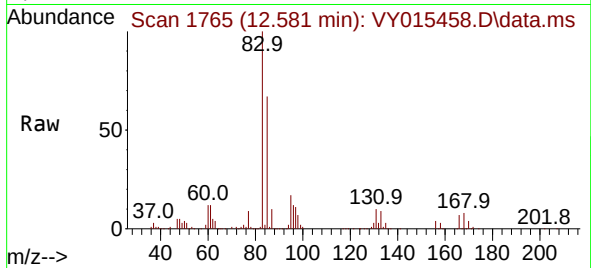
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.227 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

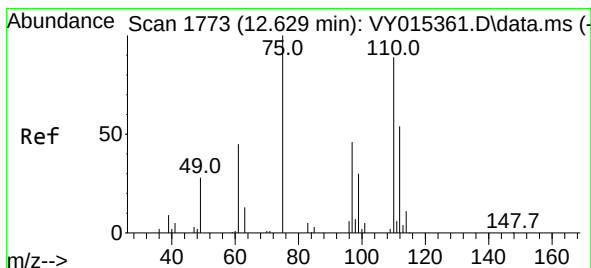
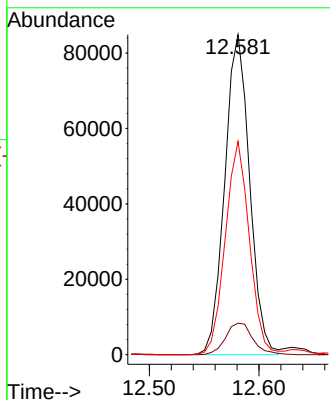
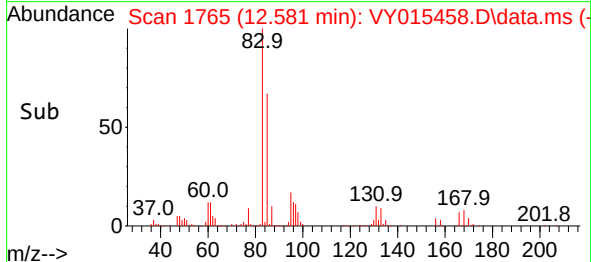
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 133944
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.8 31.8 95.4

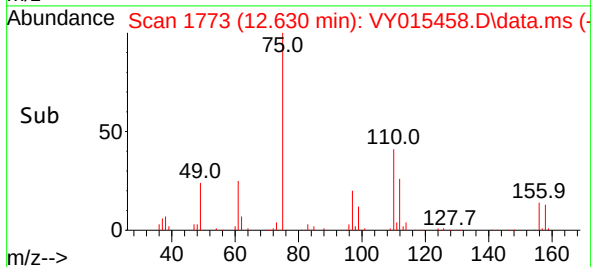
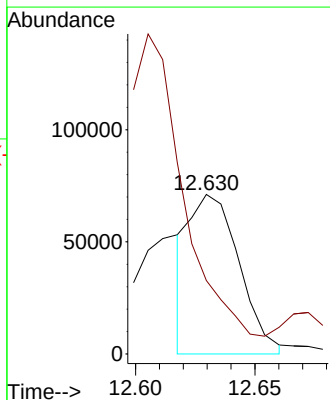
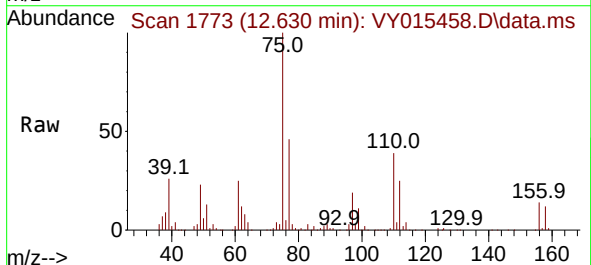
Manual Integrations
APPROVED

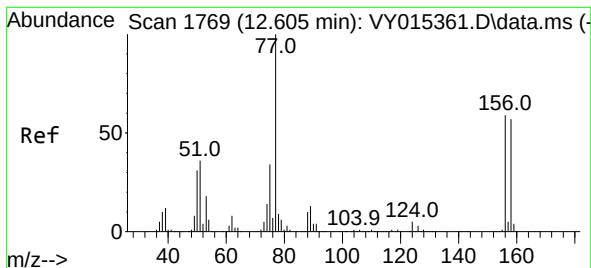
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#76
1,2,3-Trichloropropane
Concen: 51.259 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion: 75 Resp: 103149
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.113 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

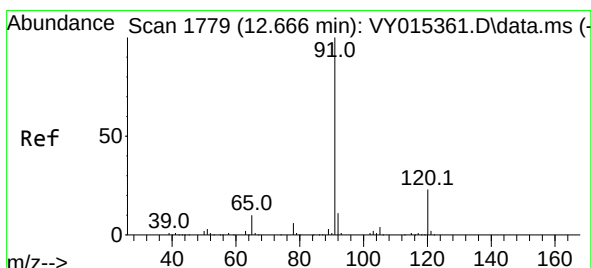
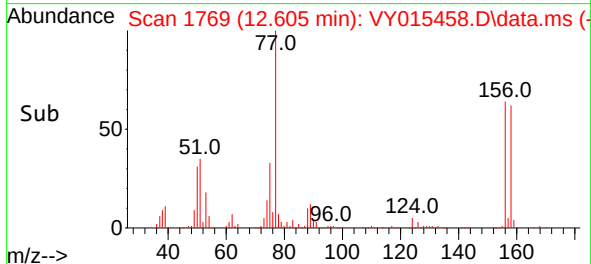
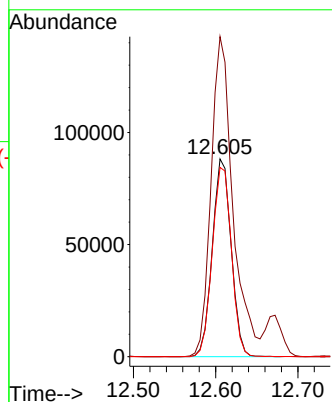
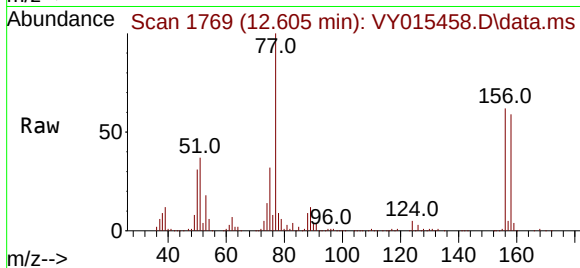
Tgt Ion:	156	Resp:	140684
Ion Ratio	Lower	Upper	
156	100		
77	187.6	92.8	278.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#78

n-propylbenzene

Concen: 50.625 ug/l

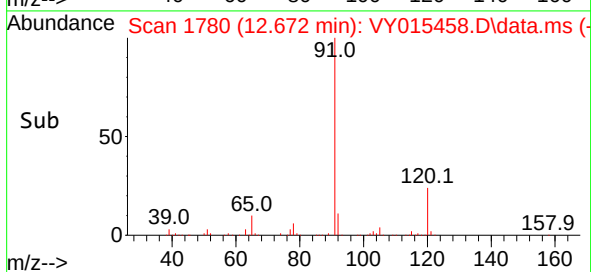
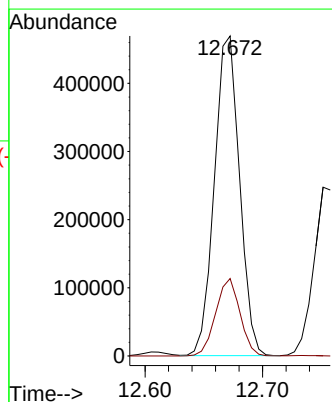
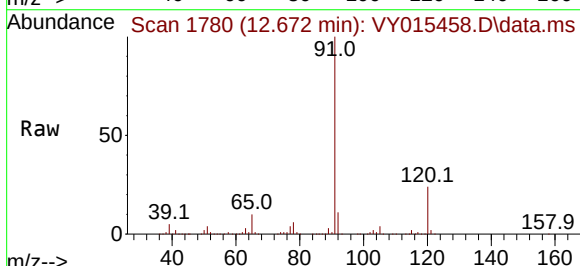
RT: 12.672 min Scan# 1780

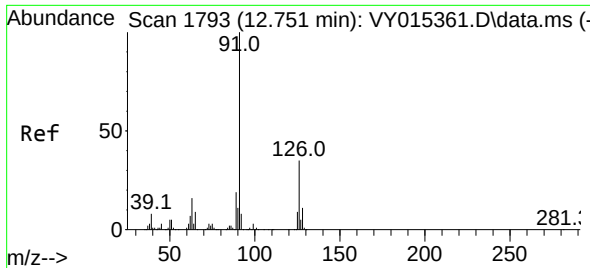
Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

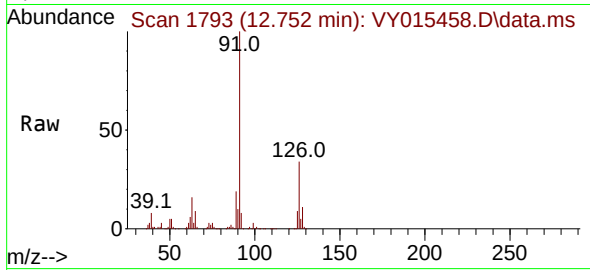
Tgt Ion:	91	Resp:	698228
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 51.121 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

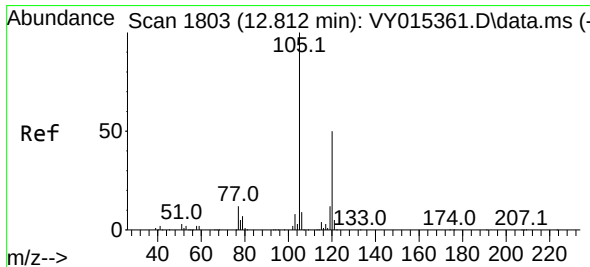
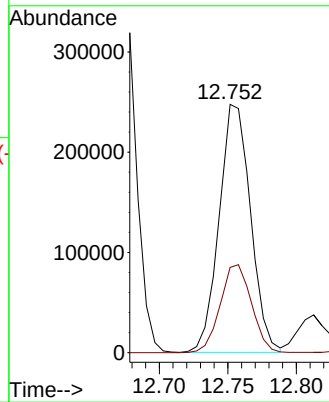
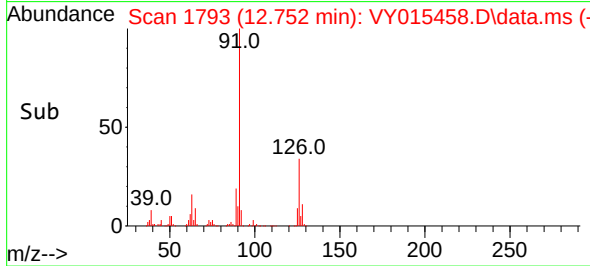
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



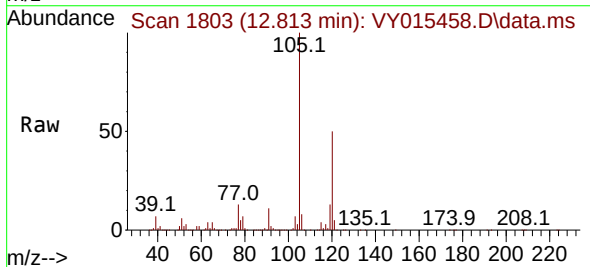
Tgt Ion: 91 Resp: 395463
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

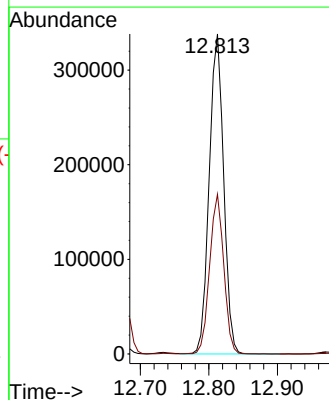
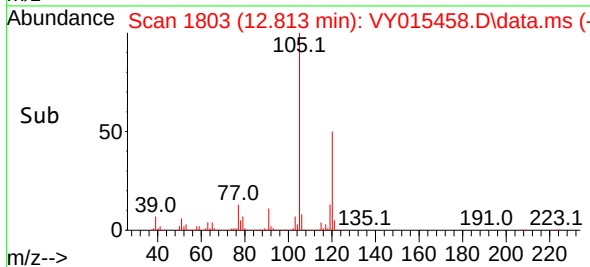
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

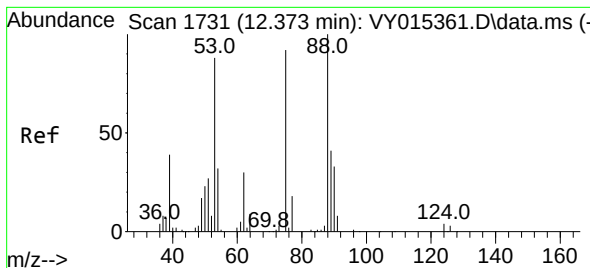


#80
1,3,5-Trimethylbenzene
Concen: 52.058 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



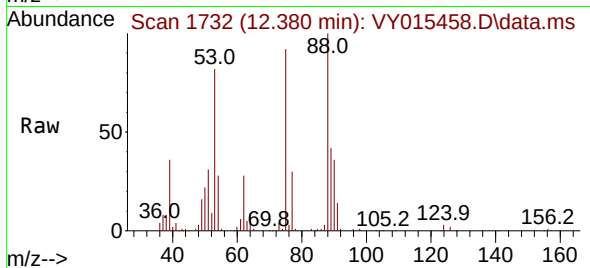
Tgt Ion:105 Resp: 496311
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.166 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

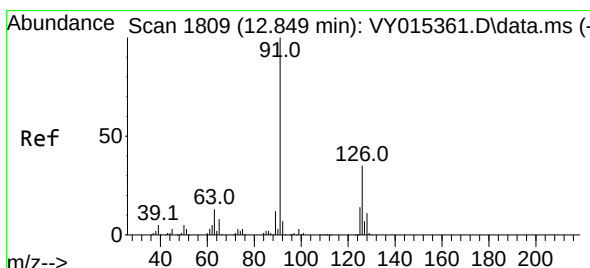
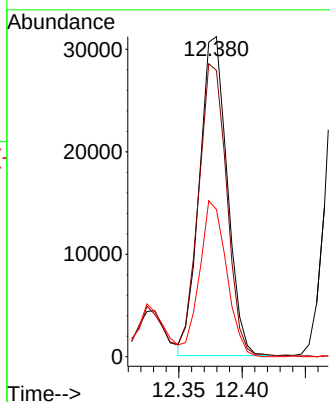
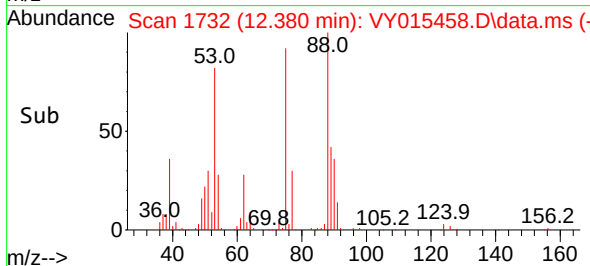
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 47588
Ion Ratio Lower Upper
75 100
53 93.8 77.8 116.8
89 47.8 37.4 56.0

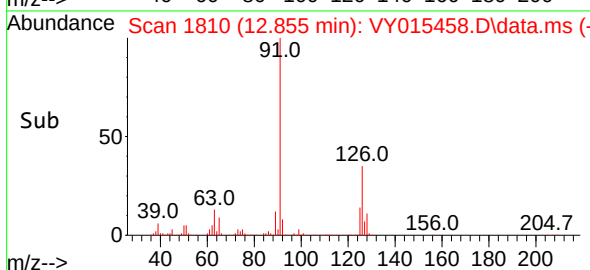
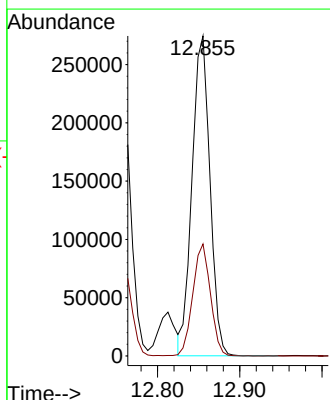
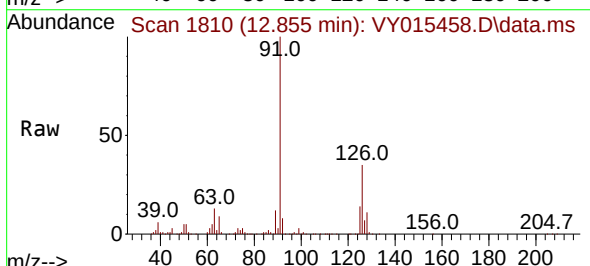
Manual Integrations
APPROVED

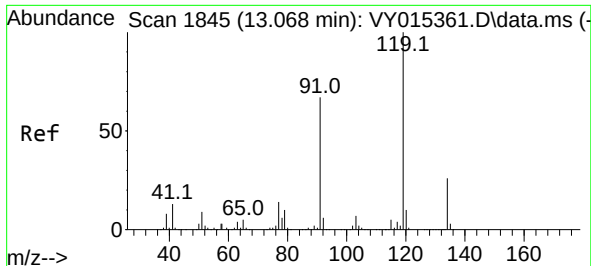
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#82
4-Chlorotoluene
Concen: 51.629 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

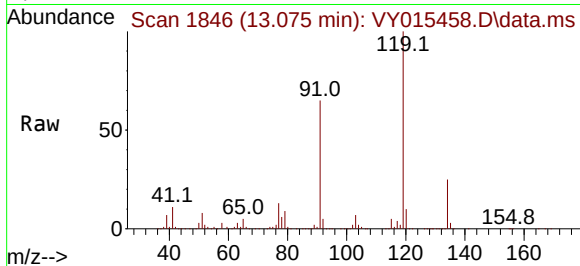
Tgt Ion: 91 Resp: 415089
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.366 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

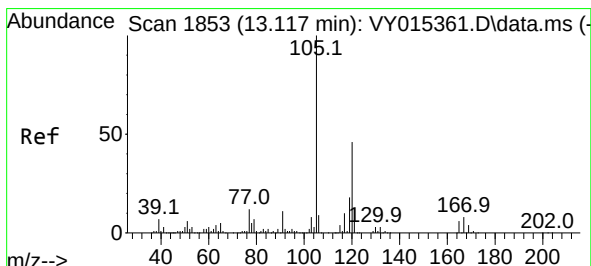
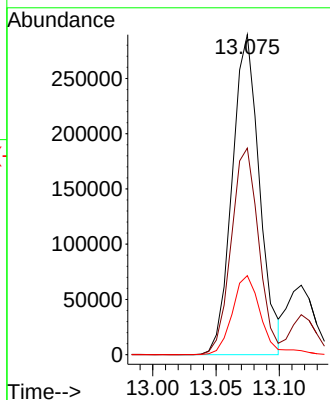
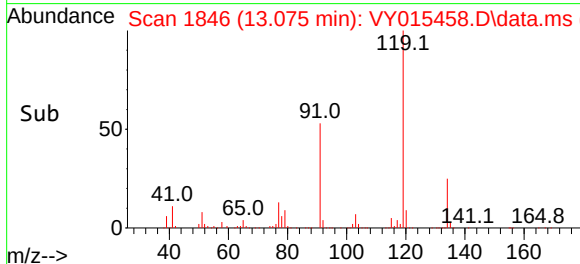
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 437280
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.6
134 25.9 13.0 38.9

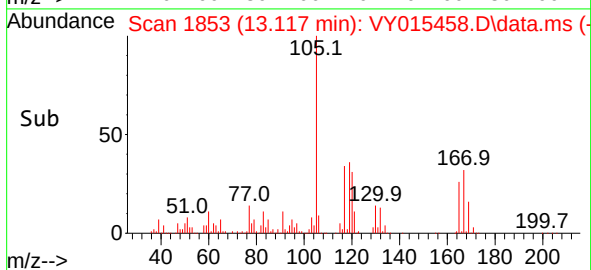
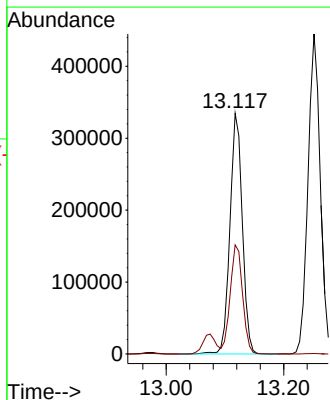
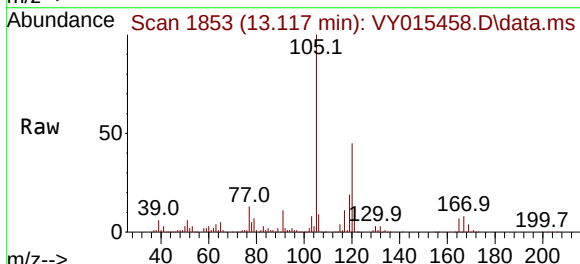
Manual Integrations
APPROVED

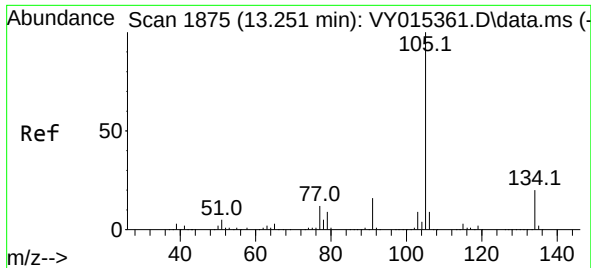
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.746 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

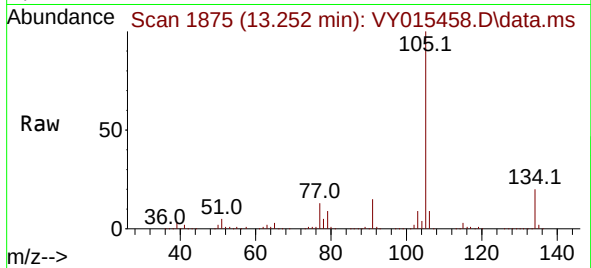
Tgt Ion:105 Resp: 489831
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 51.718 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

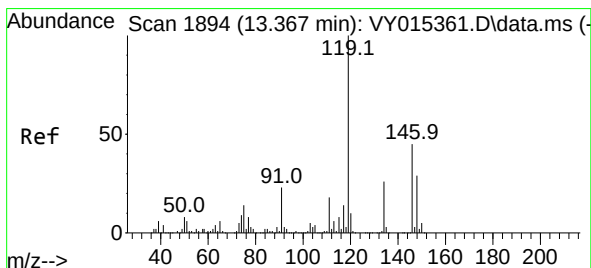
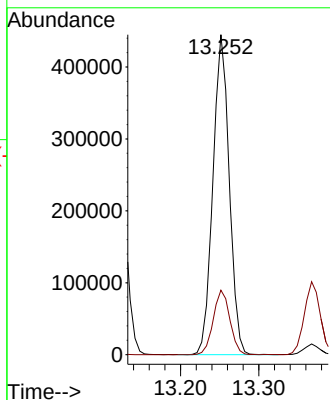
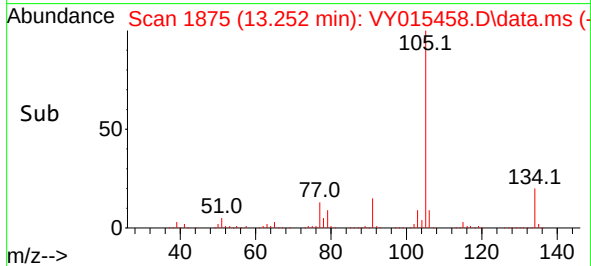
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 644140
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

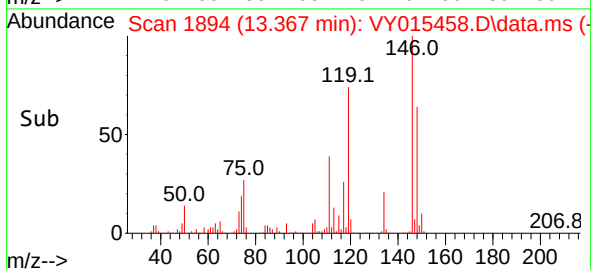
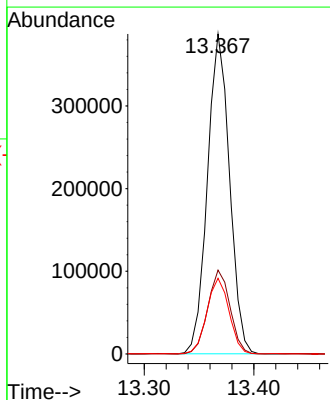
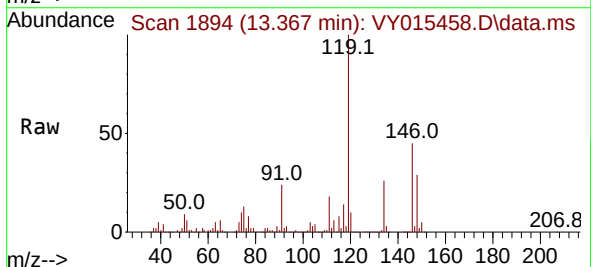
Manual Integrations
 APPROVED

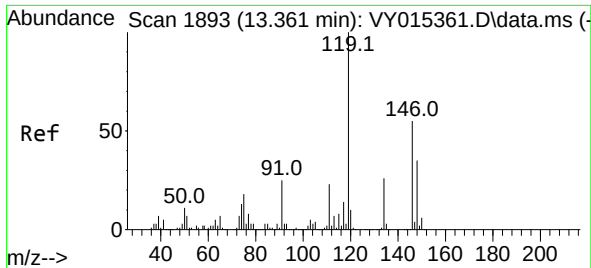
Reviewed By :John Carlone 09/08/2023
 Supervised By :Mahesh Dadoda 09/08/2023



#86
 p-Isopropyltoluene
 Concen: 51.951 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015458.D
 Acq: 07 Sep 2023 09:15

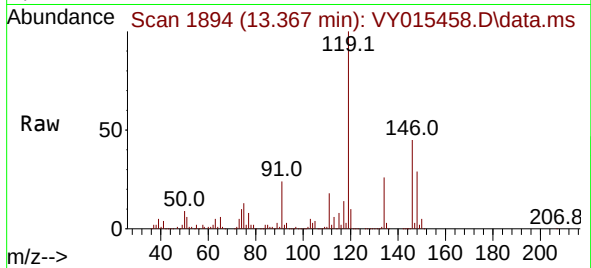
Tgt Ion:119 Resp: 542302
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 52.055 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

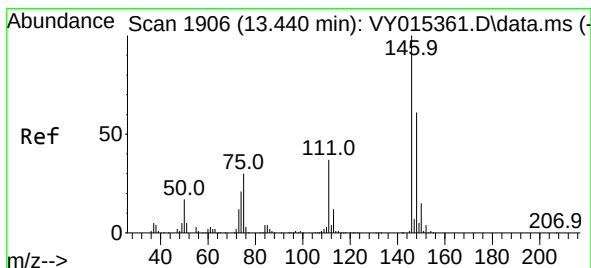
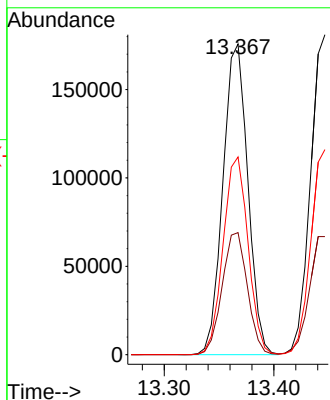
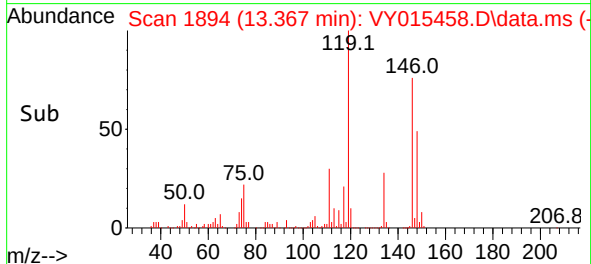
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



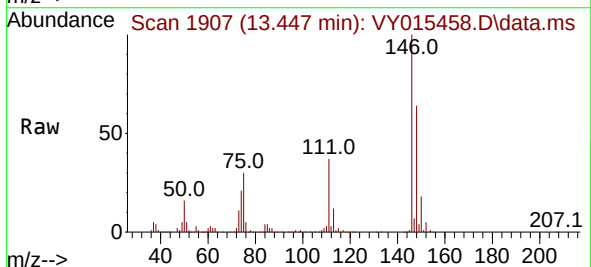
Tgt Ion:146 Resp: 277431
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.9 31.9 95.5

Manual Integrations
APPROVED

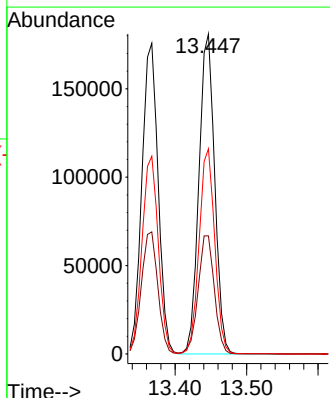
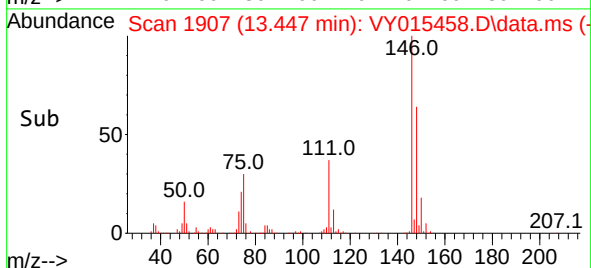
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

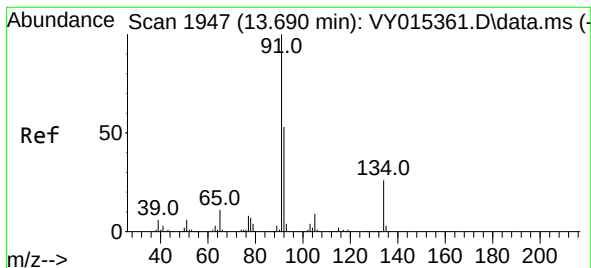


#88
1,4-Dichlorobenzene
Concen: 51.488 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion:146 Resp: 277386
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 50.596 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

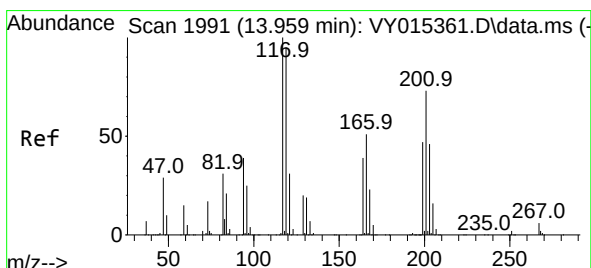
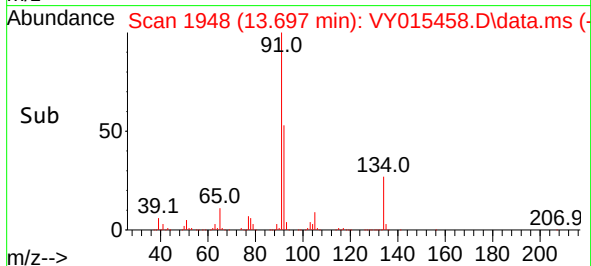
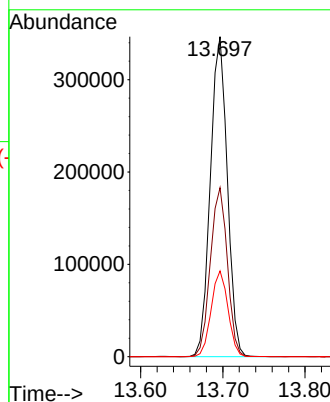
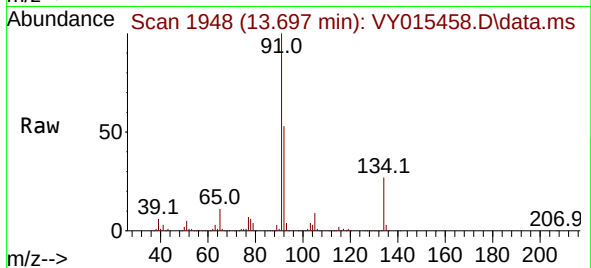
Tgt Ion:	91	Resp:	497110
Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.4	76.0
134	26.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#90

Hexachloroethane

Concen: 54.183 ug/l

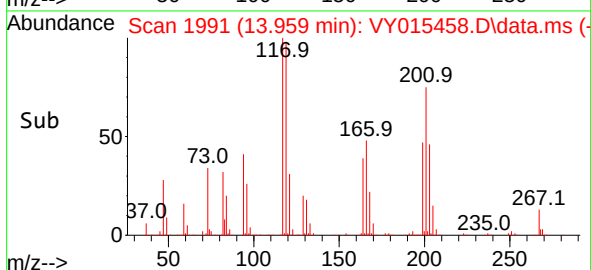
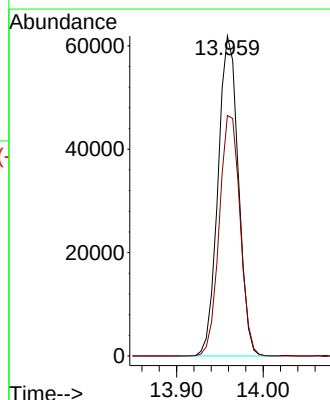
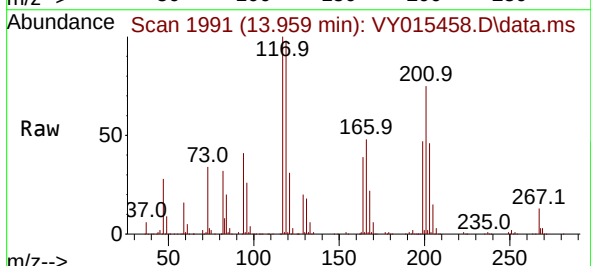
RT: 13.959 min Scan# 1991

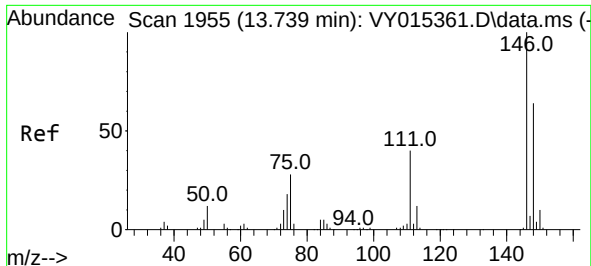
Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

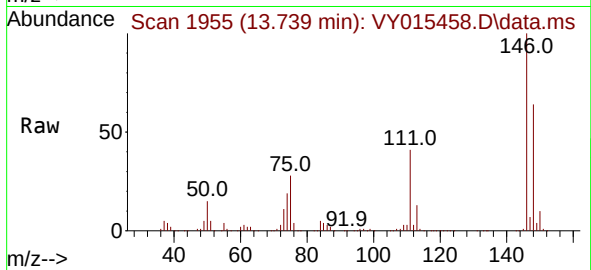
Tgt Ion:	117	Resp:	101158
Ion	Ratio	Lower	Upper
117	100		
201	76.8	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 51.943 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

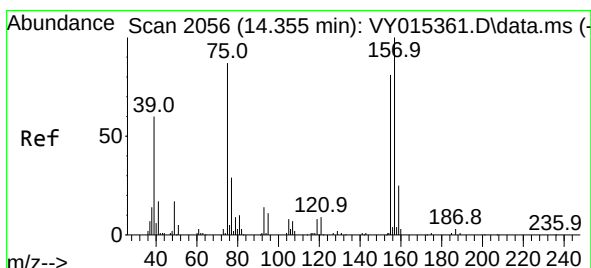
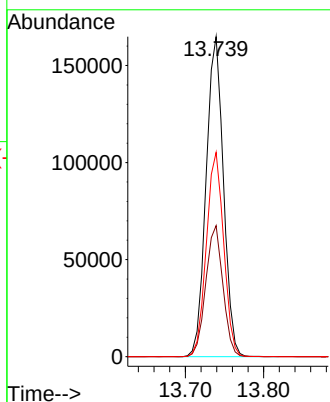
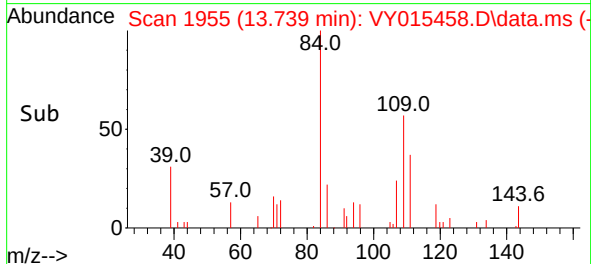
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



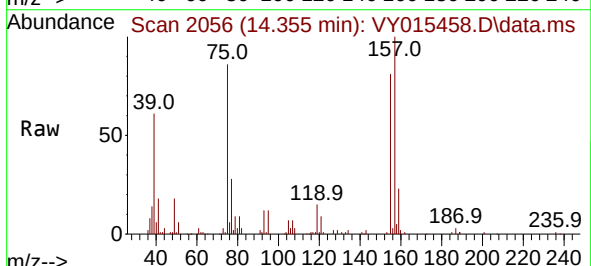
Tgt Ion:146 Resp: 252638
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.9 32.0 96.2

Manual Integrations
APPROVED

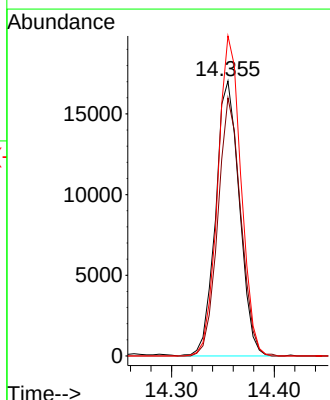
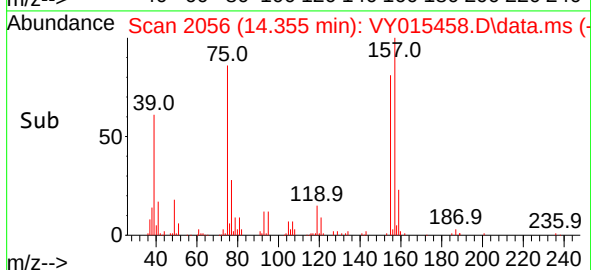
Reviewed By :John Carlone 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

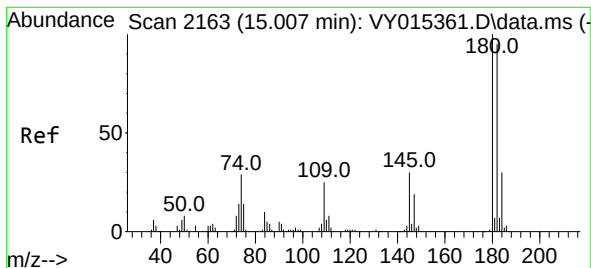


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.773 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15



Tgt Ion: 75 Resp: 27329
Ion Ratio Lower Upper
75 100
155 90.4 41.5 124.6
157 113.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.925 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

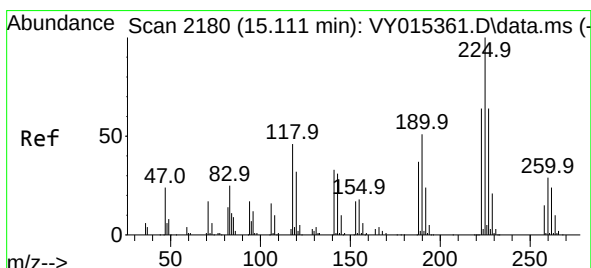
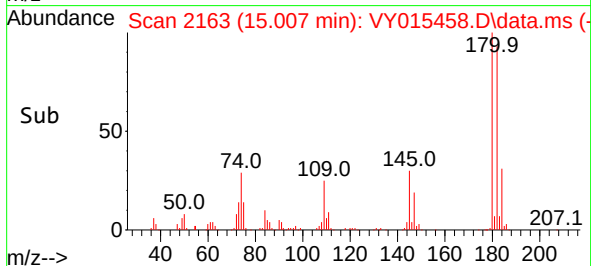
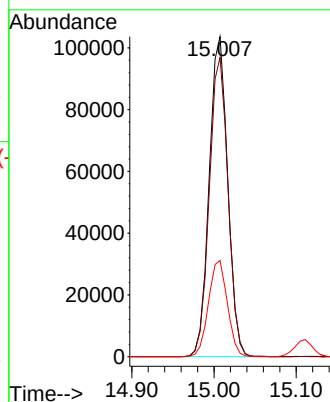
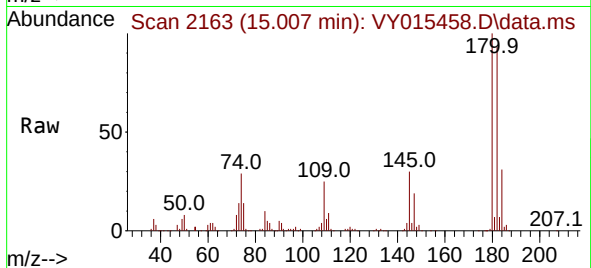
Tgt Ion:	180	Resp:	16165
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.0	141.2
145	30.8	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Mahesh Dadoda 09/08/2023



#94

Hexachlorobutadiene

Concen: 51.480 ug/l

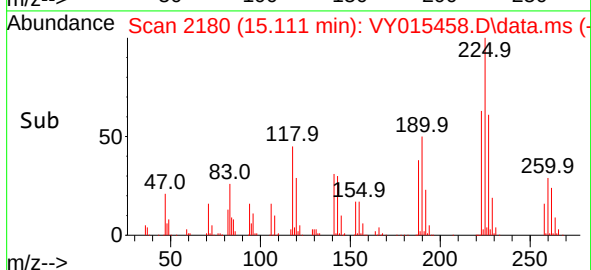
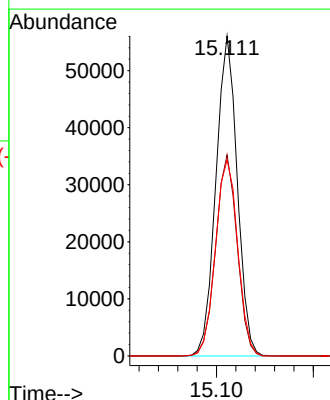
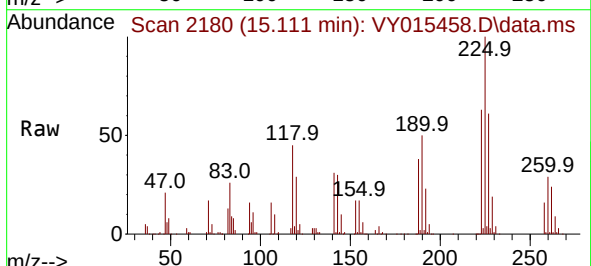
RT: 15.111 min Scan# 2180

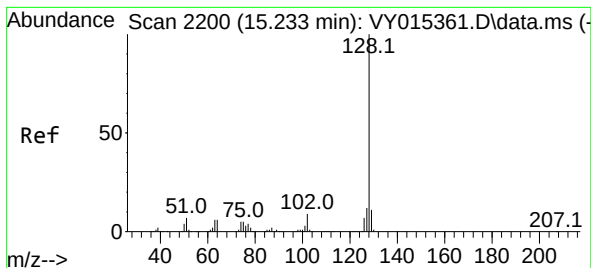
Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

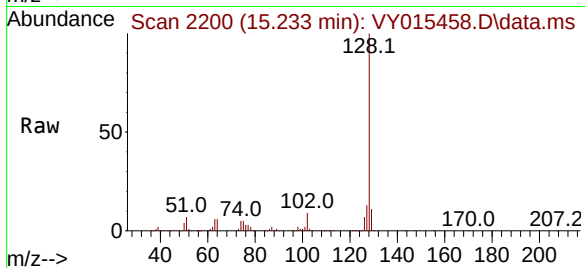
Tgt Ion:	225	Resp:	85743
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.9	95.9
227	64.1	33.0	98.9





#95
Naphthalene
Concen: 54.622 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

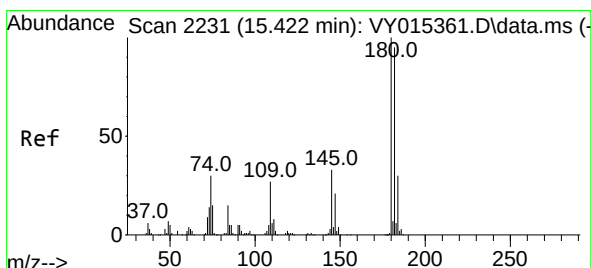
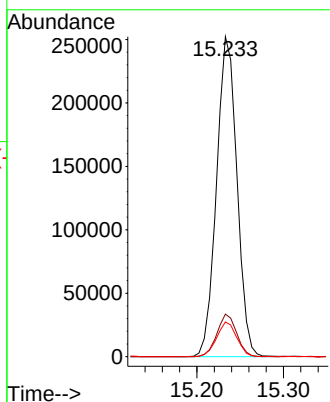
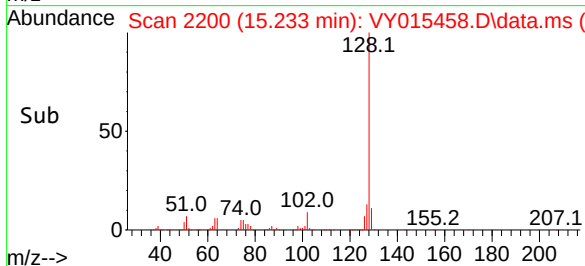
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 41328
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.7 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: 52.369 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015458.D
Acq: 07 Sep 2023 09:15

Tgt Ion:180 Resp: 145904
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 32.4 15.4 46.2

