

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015937.D
 Acq On : 11 Oct 2023 20:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 02:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	194069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	298479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96608	55.324	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.722	113	90041	49.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.720%			
50) Toluene-d8	10.179	98	299146	50.261	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.483	95	123369	51.032	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	37575	48.406	ug/l	96
3) Chloromethane	2.113	50	44029	55.453	ug/l	99
4) Vinyl Chloride	2.253	62	54893	54.207	ug/l	98
5) Bromomethane	2.656	94	45202	54.437	ug/l	94
6) Chloroethane	2.796	64	40878	51.407	ug/l	98
7) Trichlorofluoromethane	3.125	101	112099	52.170	ug/l	98
8) Diethyl Ether	3.540	74	53288	58.619	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.906	101	74271	50.931	ug/l	95
10) Methyl Iodide	4.094	142	61098	42.061	ug/l	96
11) Tert butyl alcohol	5.027	59	119716	324.529	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	61406	54.745	ug/l	88
13) Acrolein	3.747	56	35954	336.873	ug/l	100
14) Allyl chloride	4.491	41	115893	56.039	ug/l	92
15) Acrylonitrile	5.186	53	241934	387.028	ug/l	98
16) Acetone	3.973	43	198555	262.180	ug/l	91
17) Carbon Disulfide	4.198	76	82349	49.163	ug/l	97
18) Methyl Acetate	4.497	43	201104	84.950	ug/l	92
19) Methyl tert-butyl Ether	5.235	73	310929	61.171	ug/l	98
20) Methylene Chloride	4.729	84	111965	64.421	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	70672	54.297	ug/l	97
22) Diisopropyl ether	6.131	45	305428	55.215	ug/l	93
23) Vinyl Acetate	6.070	43	942958	310.005	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	160238	52.587	ug/l	97
25) 2-Butanone	7.003	43	347134	362.385	ug/l	95
26) 2,2-Dichloropropane	6.990	77	130157	45.931	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	104358	54.324	ug/l	92
28) Bromochloromethane	7.344	49	103313	58.829	ug/l	92
29) Tetrahydrofuran	7.362	42	233349	445.297	ug/l	91
30) Chloroform	7.515	83	182050	53.564	ug/l	97
31) Cyclohexane	7.789	56	89610	47.914	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	146540	52.795	ug/l	98
36) 1,1-Dichloropropene	7.923	75	104157	52.075	ug/l	99
37) Ethyl Acetate	7.082	43	154963	90.211	ug/l	98
38) Carbon Tetrachloride	7.905	117	123507	51.417	ug/l	98
39) Methylcyclohexane	9.191	83	104484	51.428	ug/l	93
40) Benzene	8.167	78	337520	53.697	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	59081	55.296	ug/l	89
42) 1,2-Dichloroethane	8.240	62	126895	59.223	ug/l	93
43) Isopropyl Acetate	8.277	43	235094	73.935	ug/l	98
44) Trichloroethene	8.941	130	102097	56.132	ug/l	97
45) 1,2-Dichloropropane	9.222	63	101732	53.808	ug/l	98
46) Dibromomethane	9.307	93	67595	60.079	ug/l	96
47) Bromodichloromethane	9.502	83	152277	54.420	ug/l	99
48) Methyl methacrylate	9.295	41	103927	74.009	ug/l	89
49) 1,4-Dioxane	9.331	88	38919	1989.918	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	783861	412.039	ug/l	91
52) Toluene	10.246	92	222333	53.287	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	160963	56.901	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	166531	54.195	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	104891	58.549	ug/l	97
56) Ethyl methacrylate	10.514	69	161518	66.409	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	171164	59.260	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	505939	341.290	ug/l	95
59) 2-Hexanone	10.837	43	596646	414.551	ug/l	88
60) Dibromochloromethane	10.990	129	124169	57.816	ug/l	100
61) 1,2-Dibromoethane	11.093	107	100842	61.631	ug/l	100
64) Tetrachloroethene	10.721	164	112814	57.916	ug/l	97
65) Chlorobenzene	11.520	112	265305	50.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	111742	52.511	ug/l	98
67) Ethyl Benzene	11.593	91	454102	50.841	ug/l	99
68) m/p-Xylenes	11.703	106	343519	102.067	ug/l	96
69) o-Xylene	12.032	106	175513	52.120	ug/l	98
70) Styrene	12.044	104	311559	53.028	ug/l	96
71) Bromoform	12.215	173	91624	61.831	ug/l #	99
73) Isopropylbenzene	12.331	105	469985	47.443	ug/l	100
74) N-amyl acetate	12.148	43	198034	63.433	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	151573	59.008	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	114864m	62.655	ug/l	
77) Bromobenzene	12.611	156	119526	49.206	ug/l	93
78) n-propylbenzene	12.672	91	556177	46.686	ug/l	100
79) 2-Chlorotoluene	12.758	91	326232	48.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	390222	47.793	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	50424	60.992	ug/l	95
82) 4-Chlorotoluene	12.855	91	338855	47.917	ug/l	99
83) tert-Butylbenzene	13.081	119	359876	47.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	396837	48.264	ug/l	99
85) sec-Butylbenzene	13.257	105	519977	46.531	ug/l	99
86) p-Isopropyltoluene	13.373	119	430644	46.585	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	231695	47.377	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	230466	46.797	ug/l	99
89) n-Butylbenzene	13.703	91	411565	47.047	ug/l	96
90) Hexachloroethane	13.965	117	85299	45.978	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	225736	49.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34688	76.895	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	144034	49.439	ug/l	99
94) Hexachlorobutadiene	15.117	225	69924	44.821	ug/l	97
95) Naphthalene	15.239	128	461464	68.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	136957	52.848	ug/l	99

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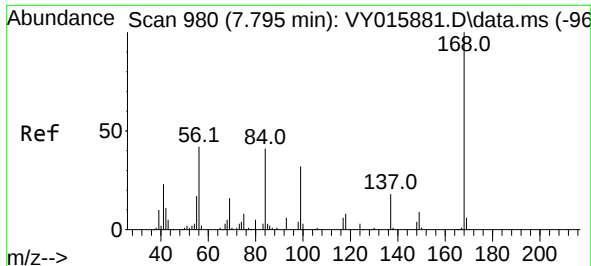
Manual Integrations
APPROVED

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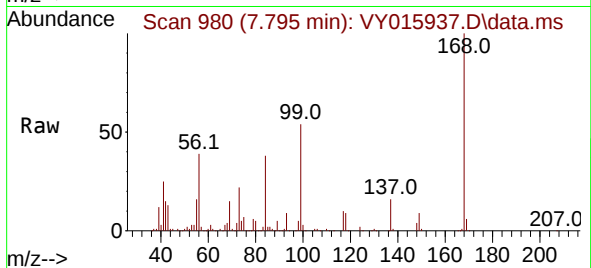
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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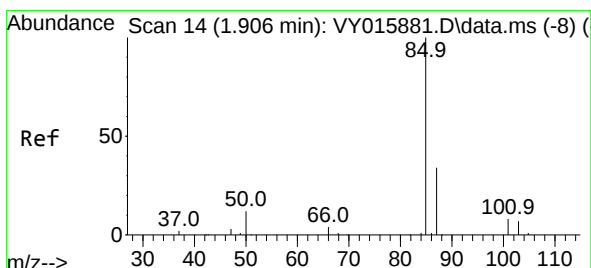
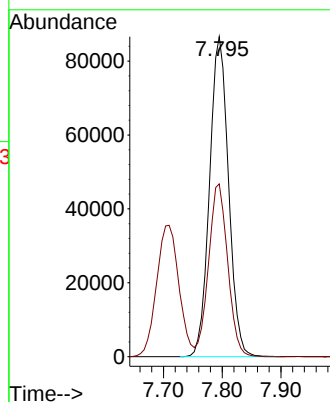
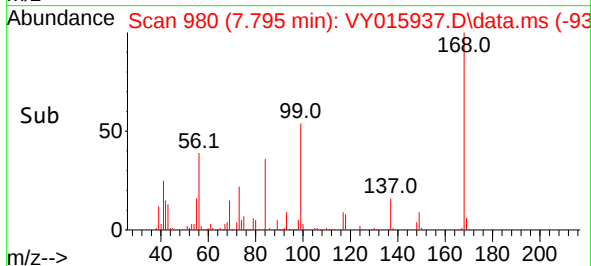
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 194069
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0

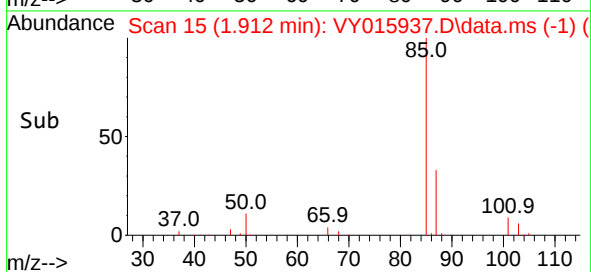
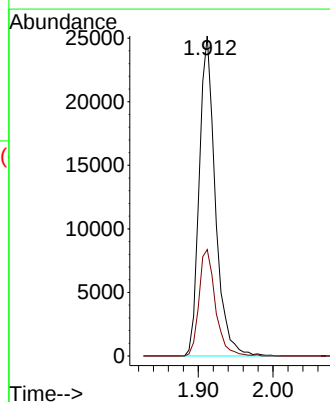
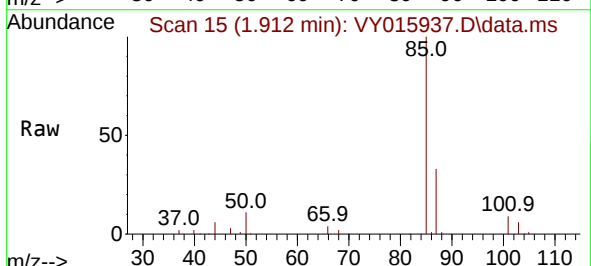
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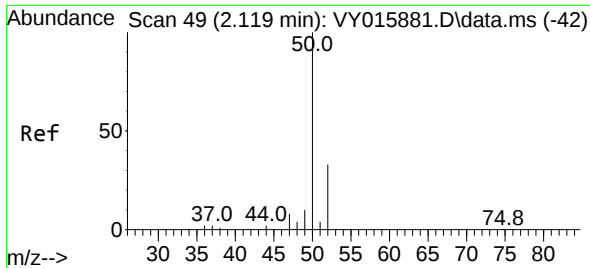
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 48.406 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 85 Resp: 37575
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





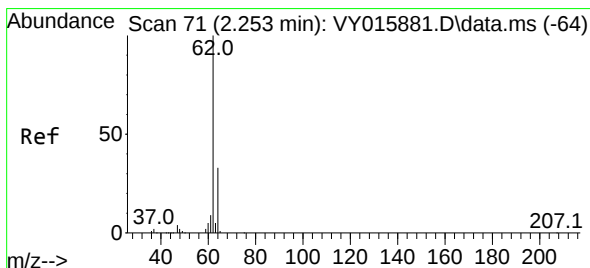
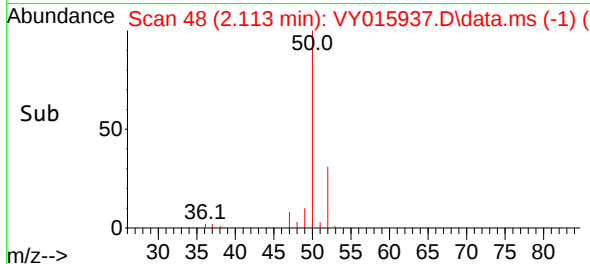
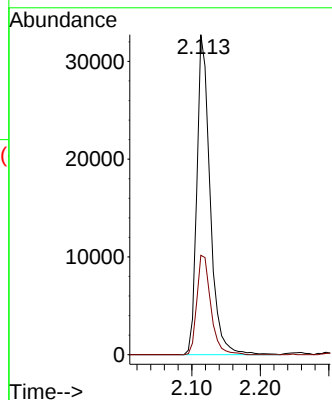
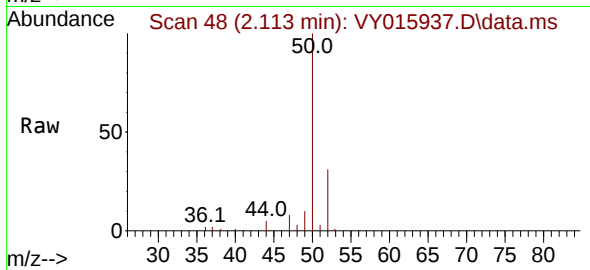
#3
Chloromethane
Concen: 55.453 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
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Tgt Ion: 50 Resp: 44029
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

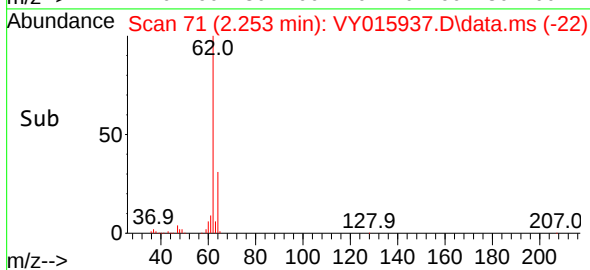
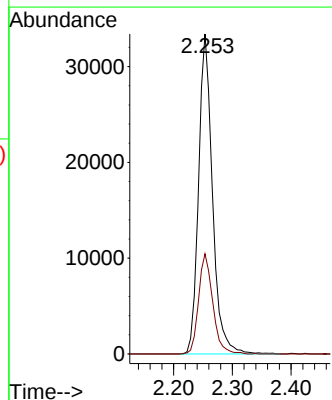
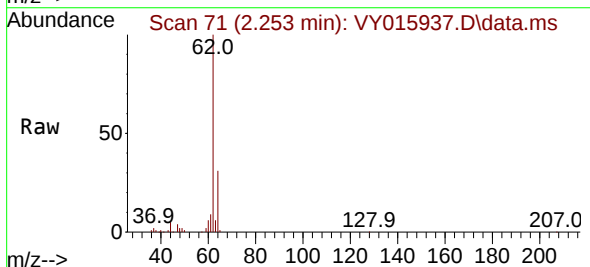
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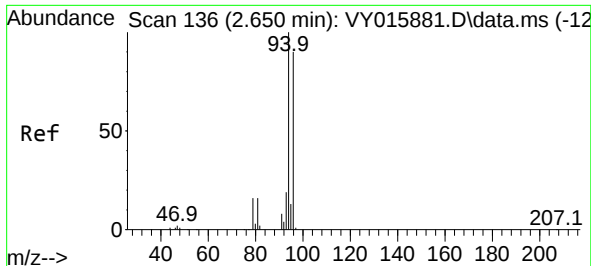
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#4
Vinyl Chloride
Concen: 54.207 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

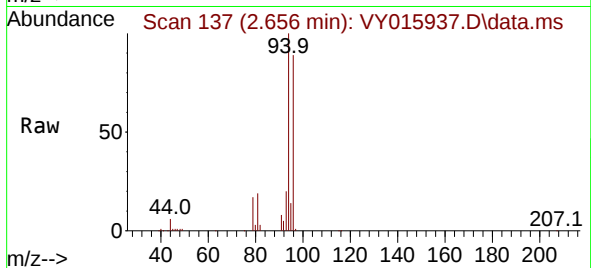
Tgt Ion: 62 Resp: 54893
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 54.437 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

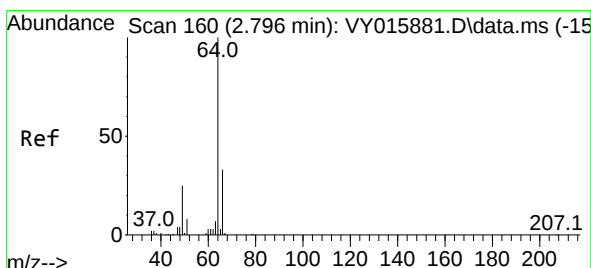
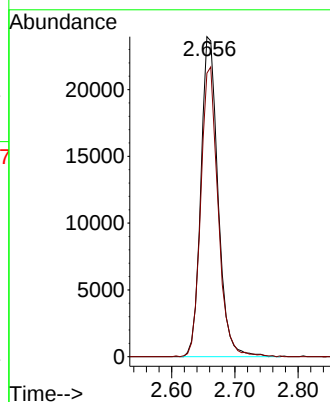
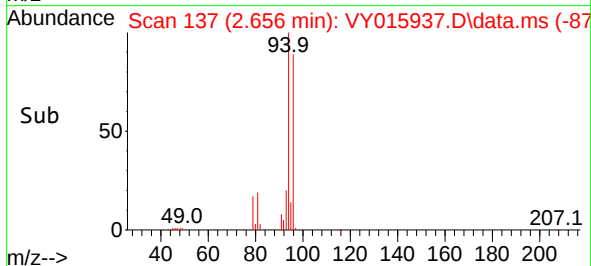
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Tgt Ion: 94 Resp: 4520
Ion Ratio Lower Upper
94 100
96 88.6 75.8 113.6

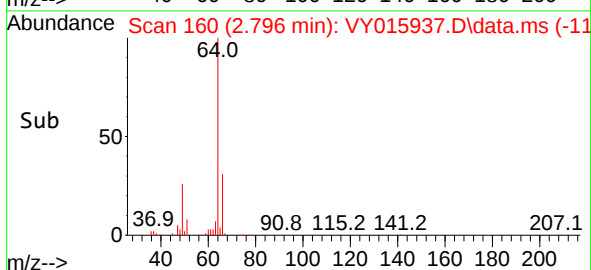
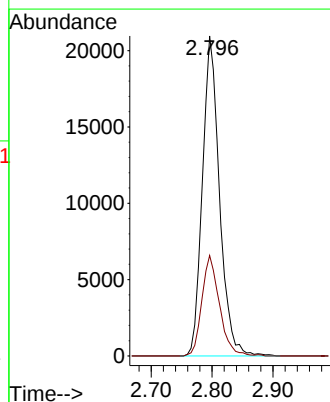
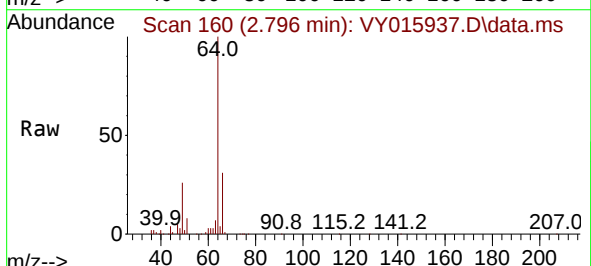
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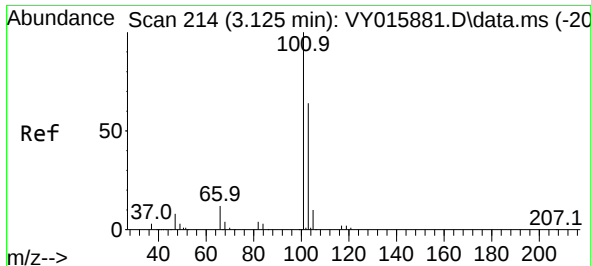
Reviewed By :John Carlone 10/12/2023
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#6
Chloroethane
Concen: 51.407 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

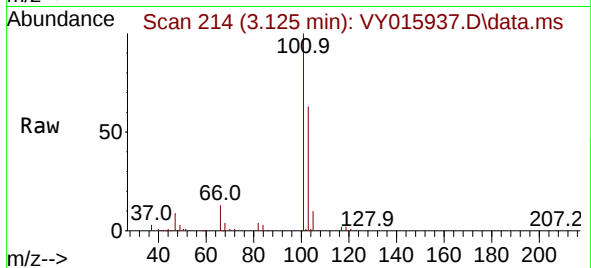
Tgt Ion: 64 Resp: 40878
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 52.170 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015937.D
 Acq: 11 Oct 2023 20:25

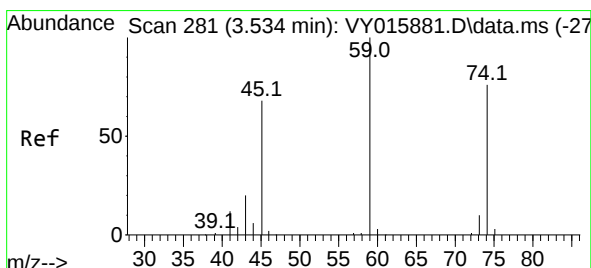
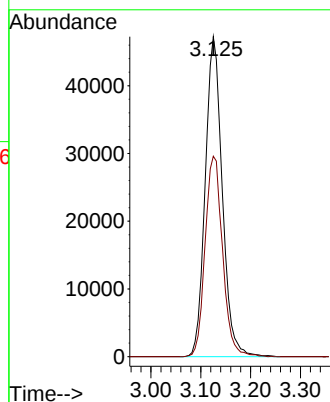
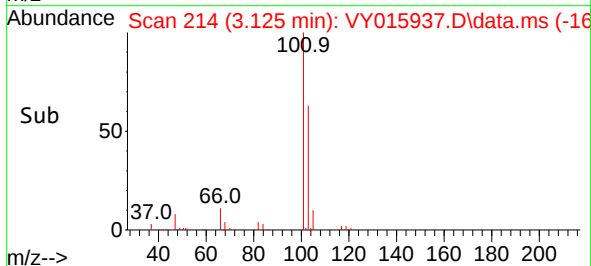
Instrument :
 MSVOA_Y
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 VSTDCCC050EC



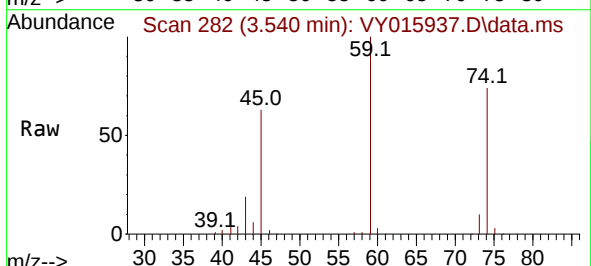
Tgt Ion:101 Resp: 112099
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0

Manual Integrations
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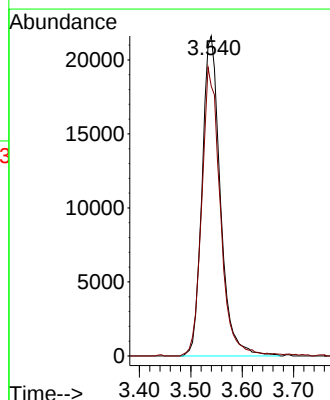
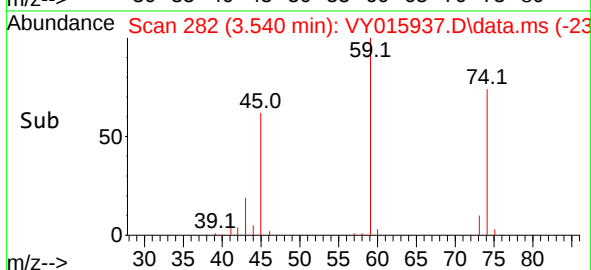
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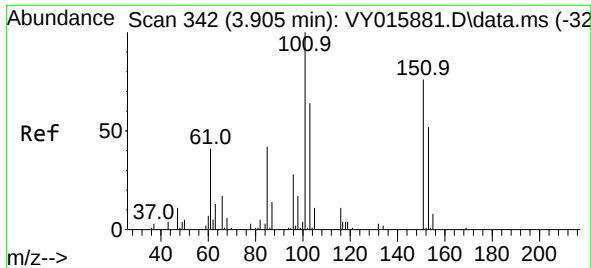


#8
 Diethyl Ether
 Concen: 58.619 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
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 Acq: 11 Oct 2023 20:25



Tgt Ion: 74 Resp: 53288
 Ion Ratio Lower Upper
 74 100
 45 91.8 51.5 154.5





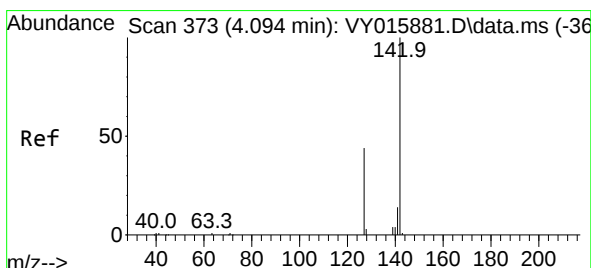
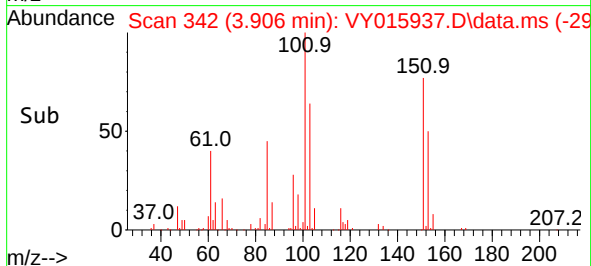
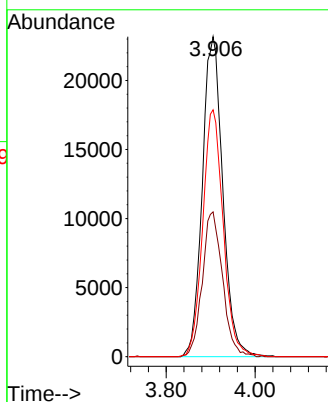
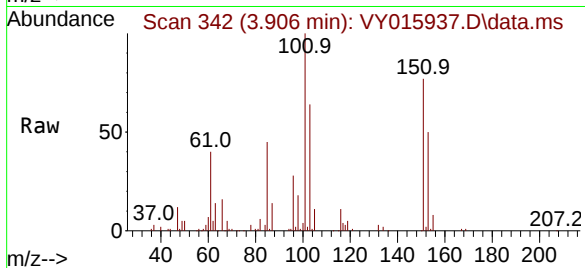
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.931 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7427
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 77.3 67.0 100.6

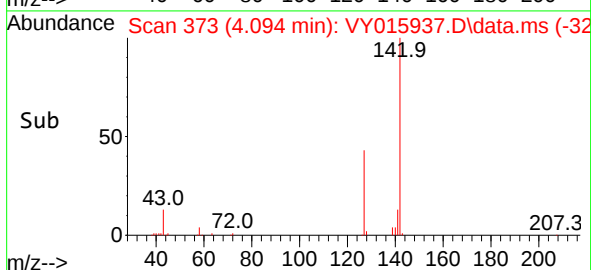
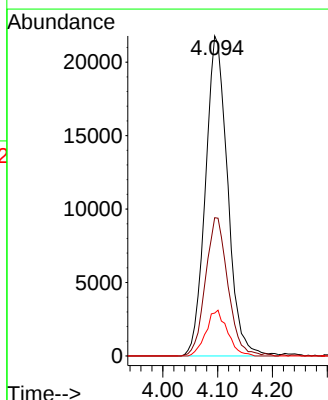
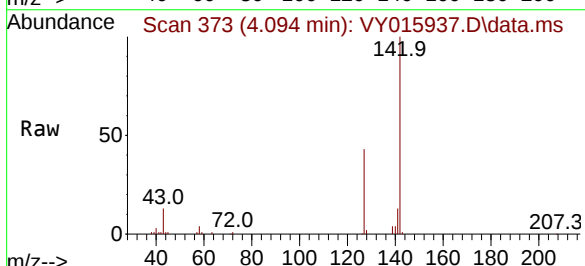
Manual Integrations
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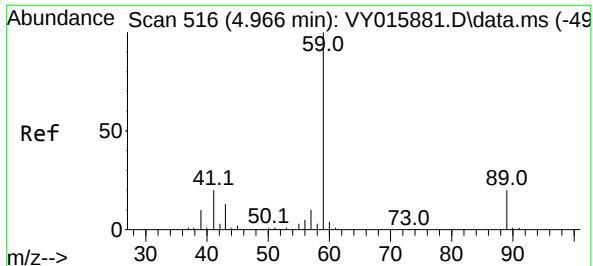
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 42.061 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion:142 Resp: 61098
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 324.529 ug/l

RT: 5.027 min Scan# 516

Delta R.T. 0.061 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 119710

Ion Ratio Lower Upper

59 100

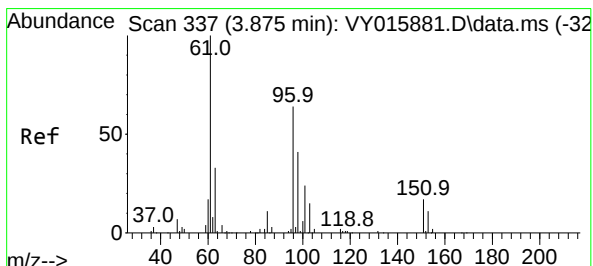
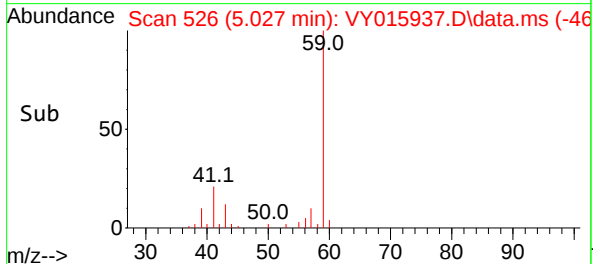
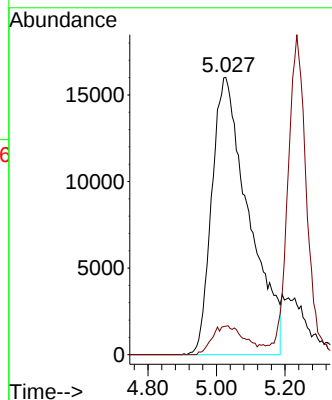
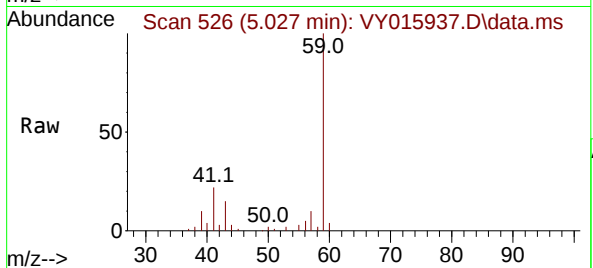
57 9.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#12

1,1-Dichloroethene

Concen: 54.745 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

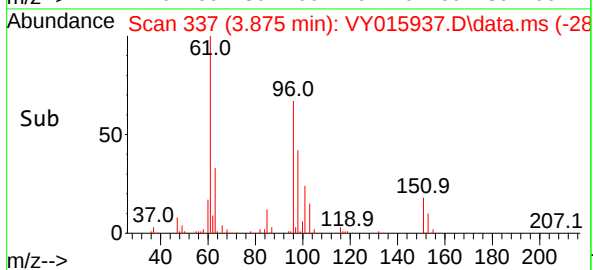
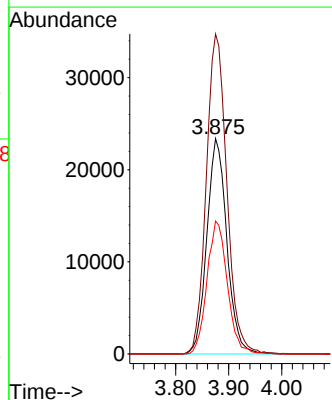
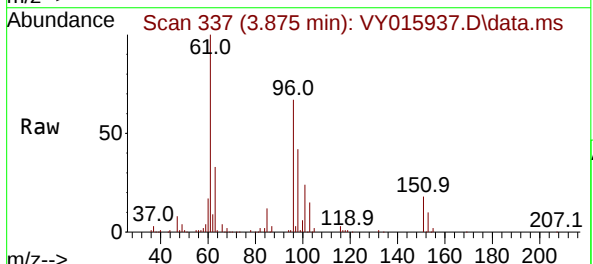
Tgt Ion: 96 Resp: 61406

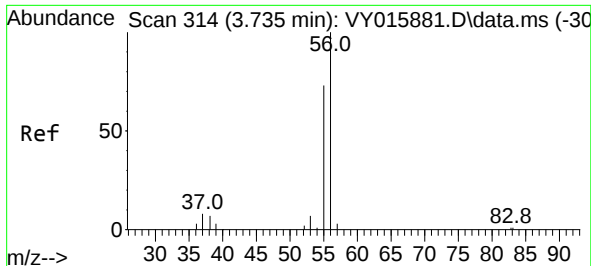
Ion Ratio Lower Upper

96 100

61 148.5 136.4 204.6

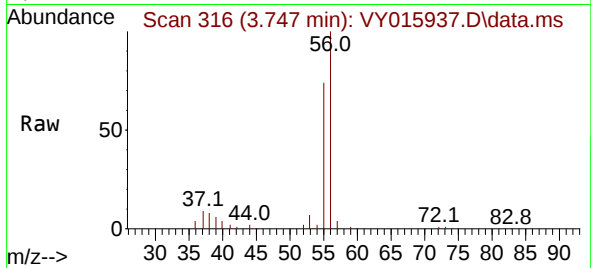
98 61.8 49.4 74.2





#13
Acrolein
Concen: 336.873 ug/l
RT: 3.747 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

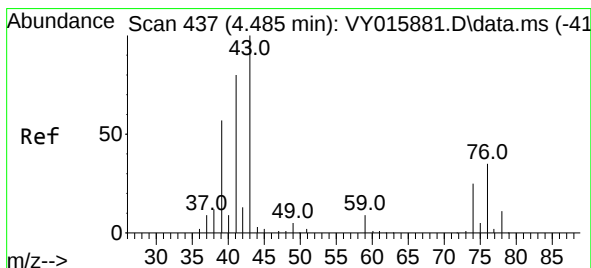
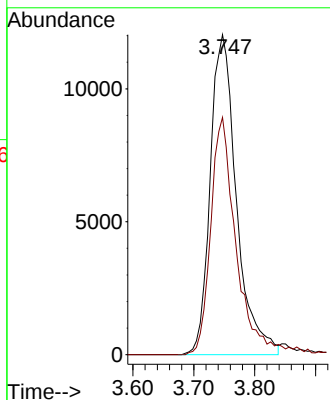
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 35954
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4

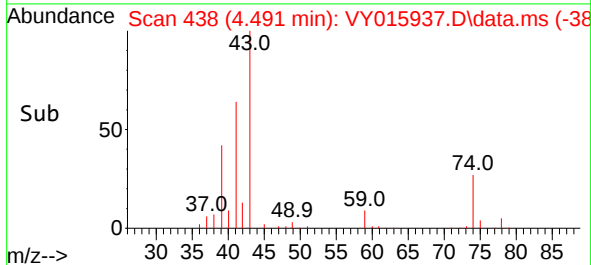
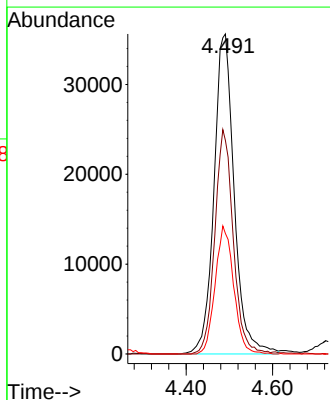
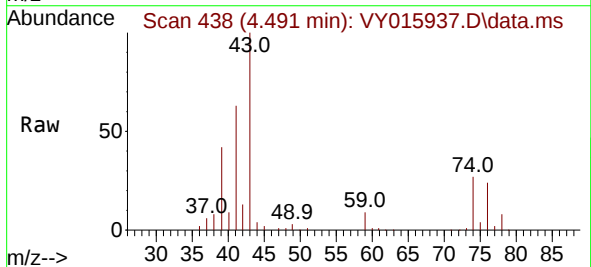
Manual Integrations
APPROVED

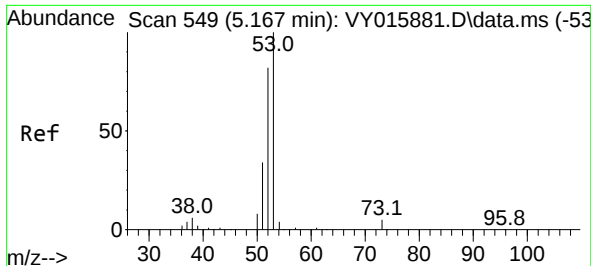
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#14
Allyl chloride
Concen: 56.039 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

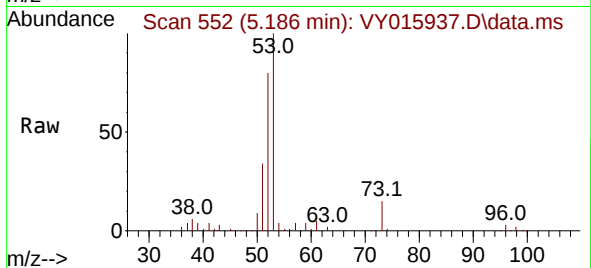
Tgt Ion: 41 Resp: 115893
Ion Ratio Lower Upper
41 100
39 64.2 58.0 87.0
76 36.5 27.4 41.2





#15
Acrylonitrile
Concen: 387.028 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

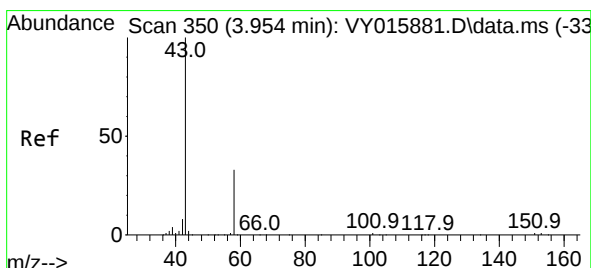
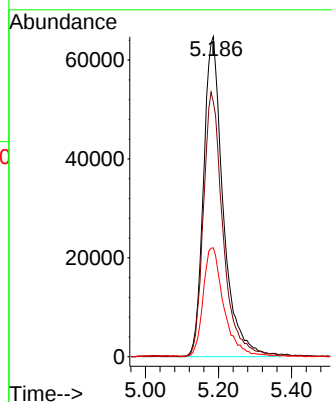
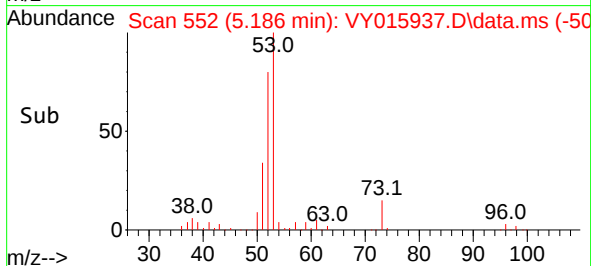
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 241934
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 35.2 29.8 44.6

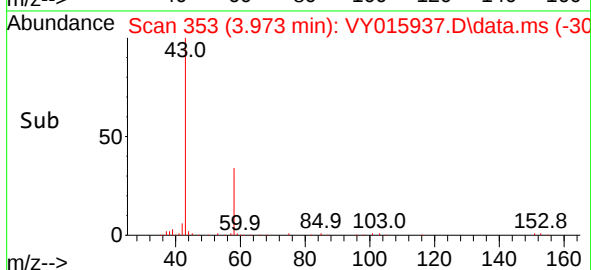
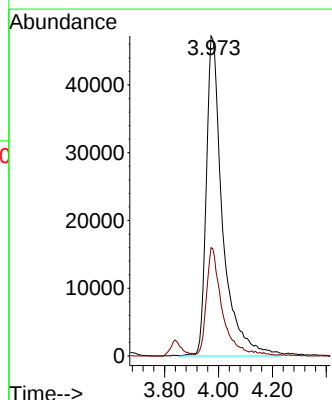
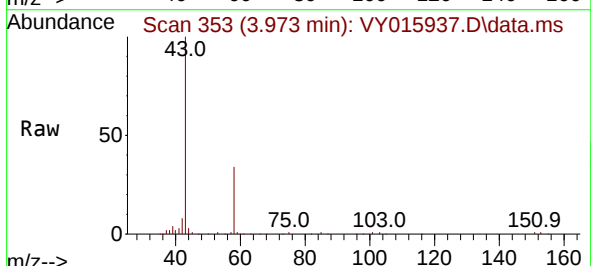
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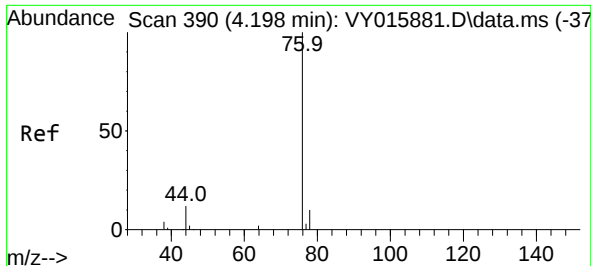
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 262.180 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.019 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

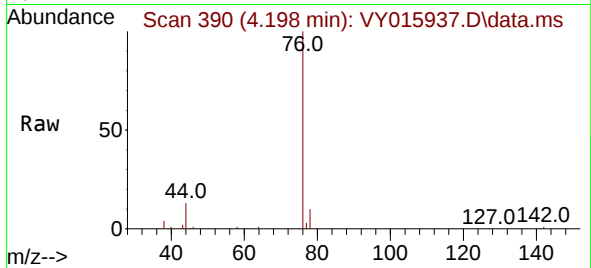
Tgt Ion: 43 Resp: 198555
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1





#17
Carbon Disulfide
Concen: 49.163 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

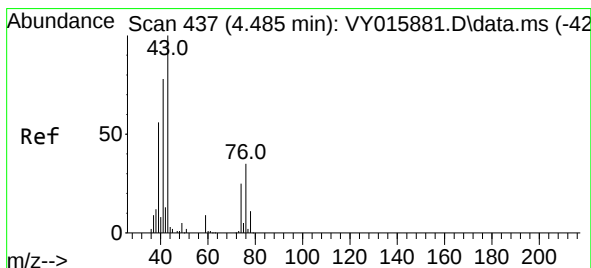
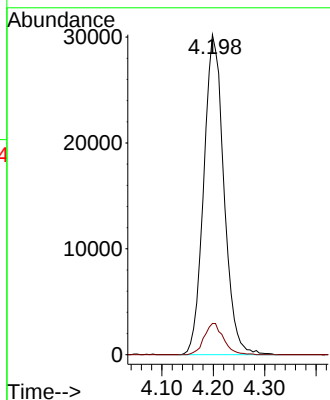
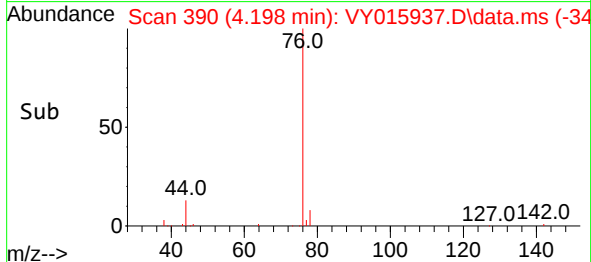
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 82349
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

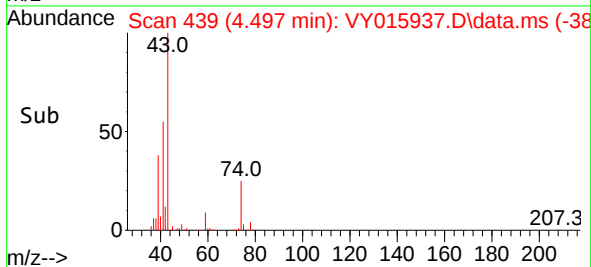
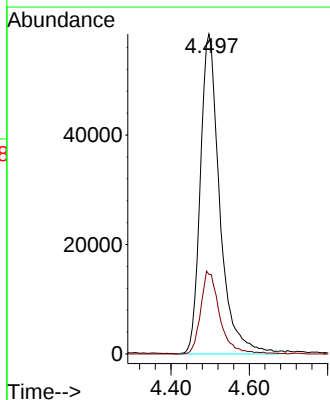
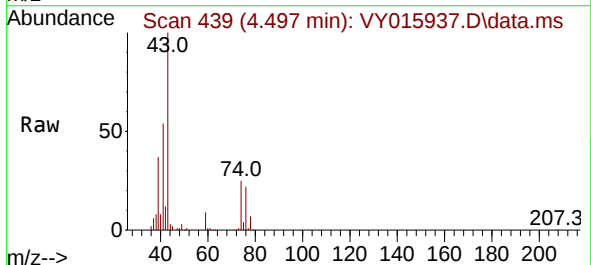
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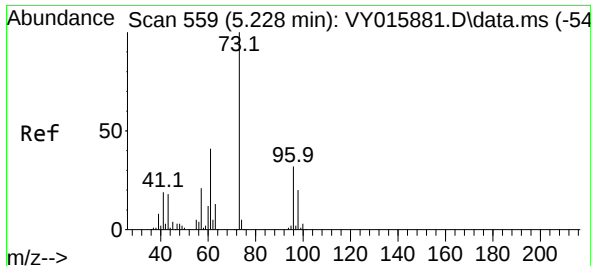
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#18
Methyl Acetate
Concen: 84.950 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 43 Resp: 201104
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





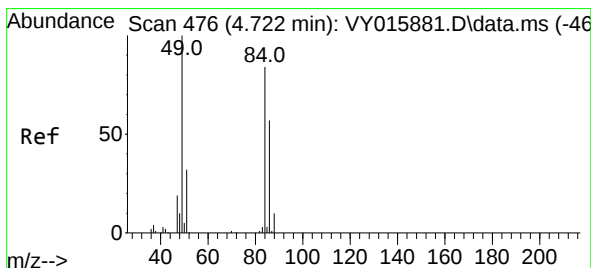
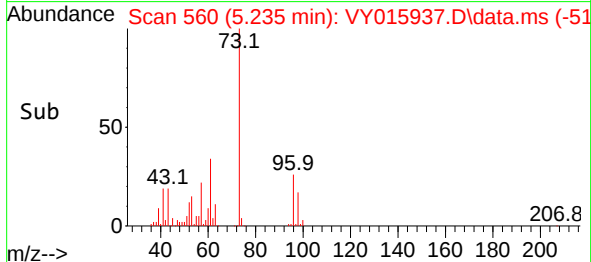
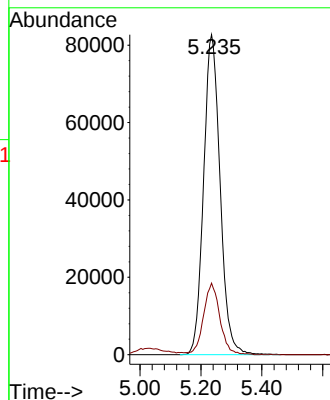
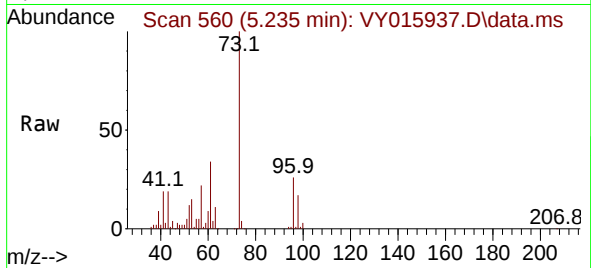
#19
Methyl tert-butyl Ether
Concen: 61.171 ug/l
RT: 5.235 min Scan# 510
Delta R.T. 0.007 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 310929
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

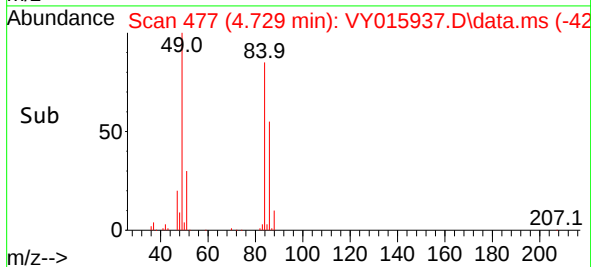
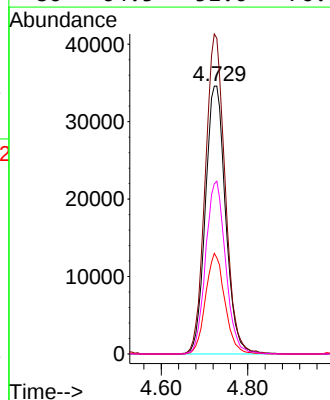
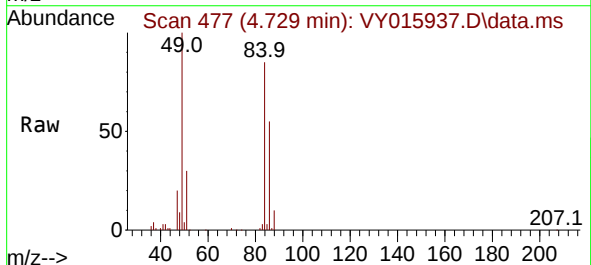
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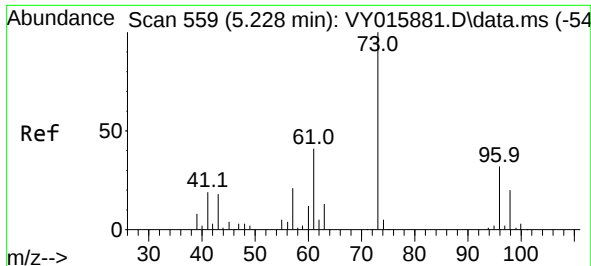
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 64.421 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

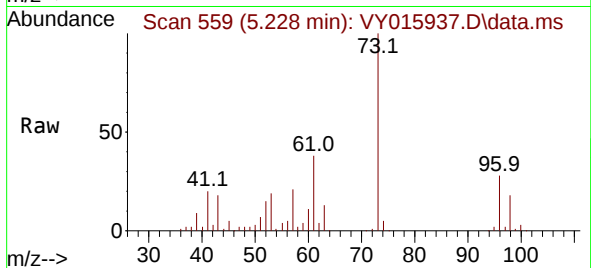
Tgt Ion: 84 Resp: 111965
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 35.9 33.2 49.8
86 64.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 54.297 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

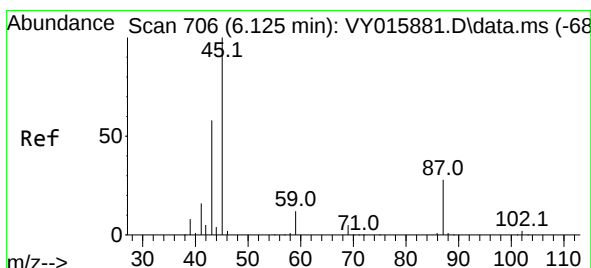
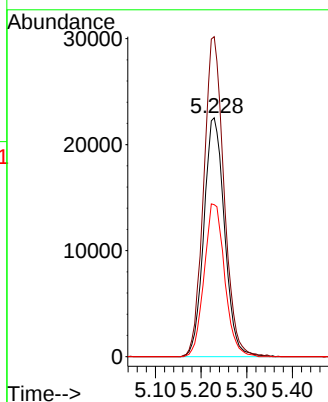
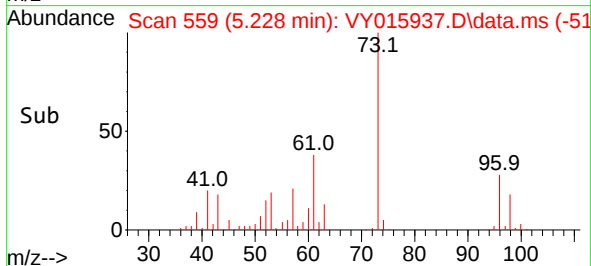
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 70672
Ion Ratio Lower Upper
96 100
61 133.9 110.2 165.4
98 63.6 51.8 77.6

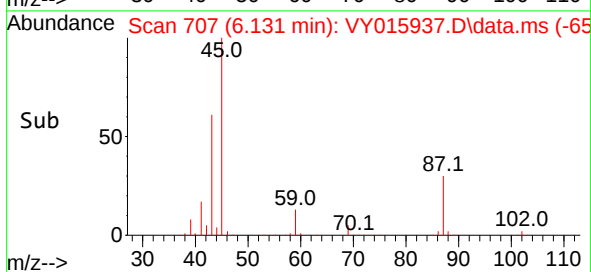
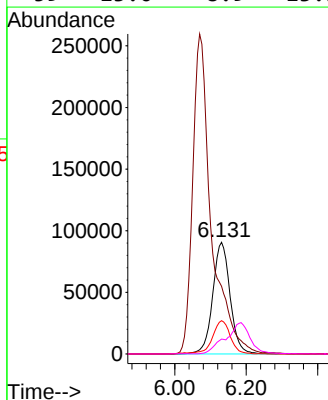
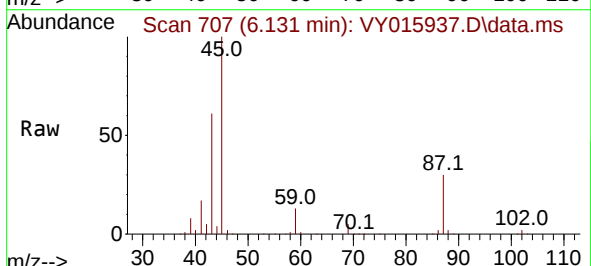
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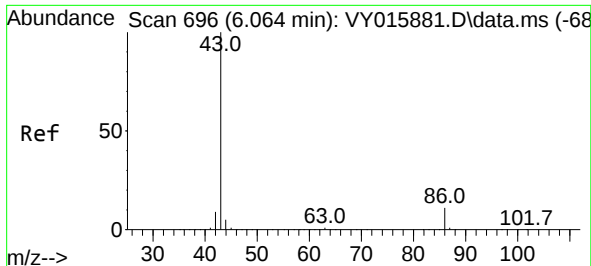
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#22
Diisopropyl ether
Concen: 55.215 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 45 Resp: 305428
Ion Ratio Lower Upper
45 100
43 60.0 52.2 78.4
87 29.7 21.0 31.6
59 13.0 8.9 13.3





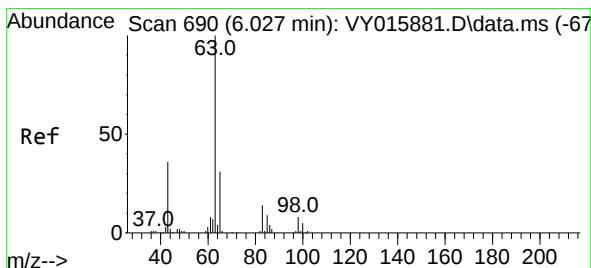
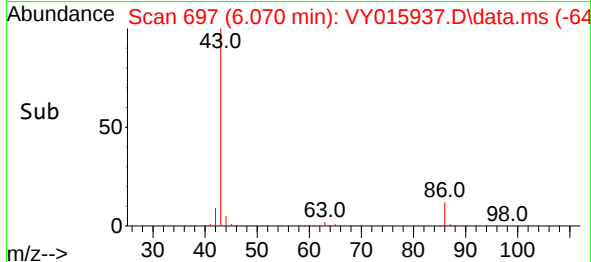
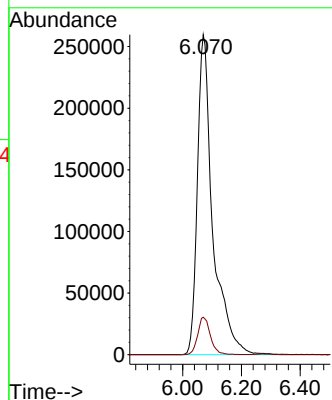
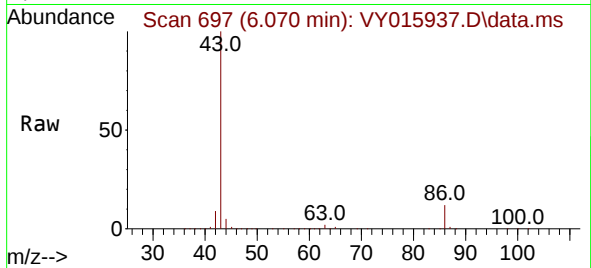
#23
 Vinyl Acetate
 Concen: 310.005 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY015937.D
 Acq: 11 Oct 2023 20:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 942958
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

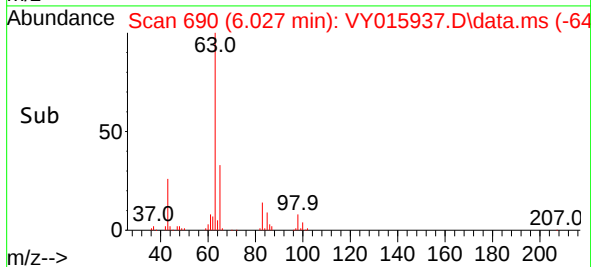
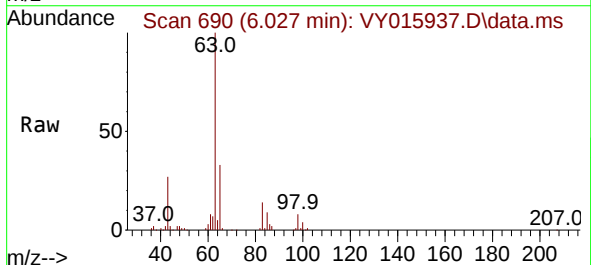
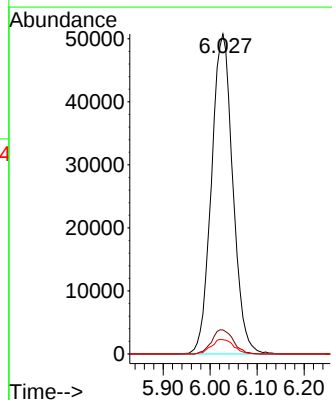
Manual Integrations
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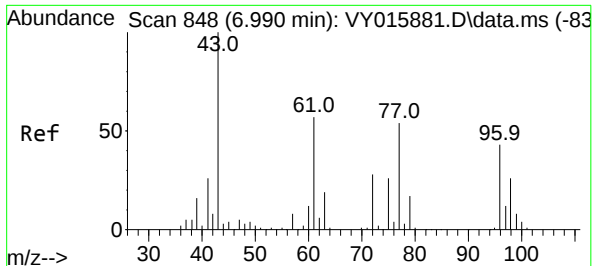
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 52.587 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY015937.D
 Acq: 11 Oct 2023 20:25

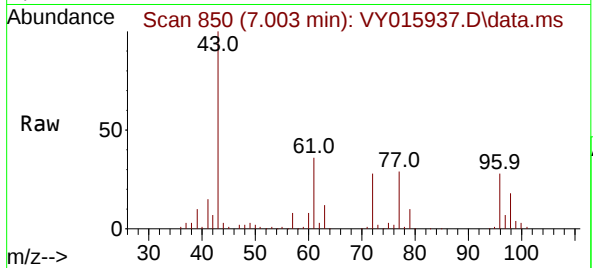
Tgt Ion: 63 Resp: 160238
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.5 1.8 5.5





#25
2-Butanone
Concen: 362.385 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

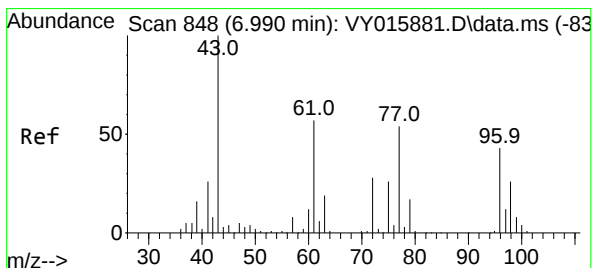
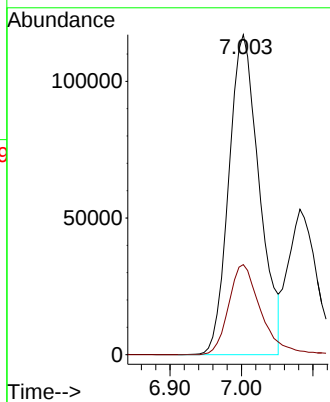
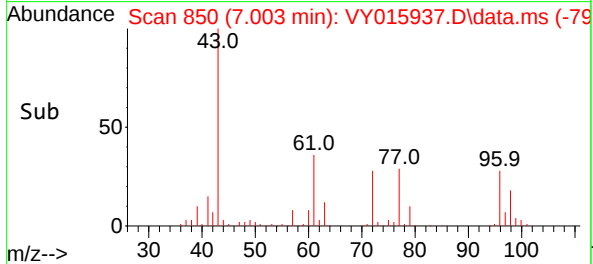
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



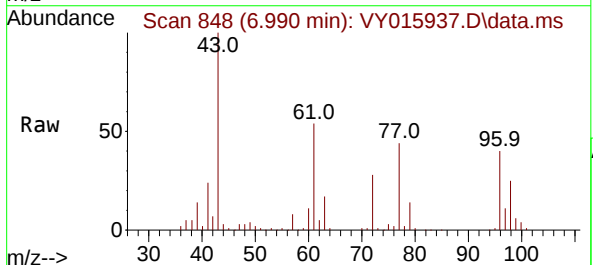
Tgt Ion: 43 Resp: 347134
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7

Manual Integrations
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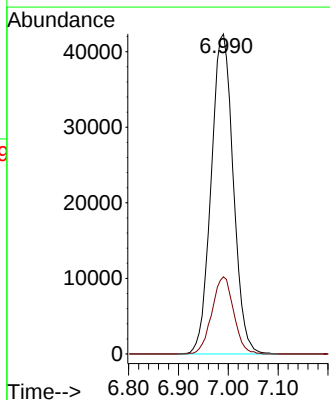
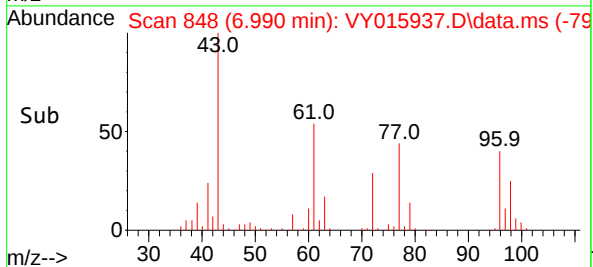
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

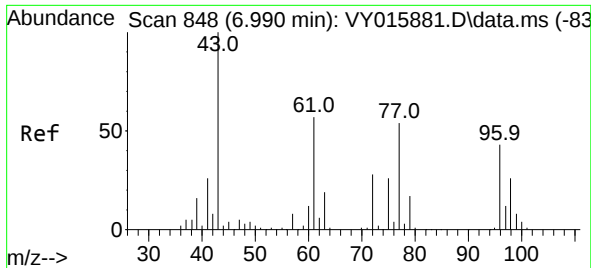


#26
2,2-Dichloropropane
Concen: 45.931 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



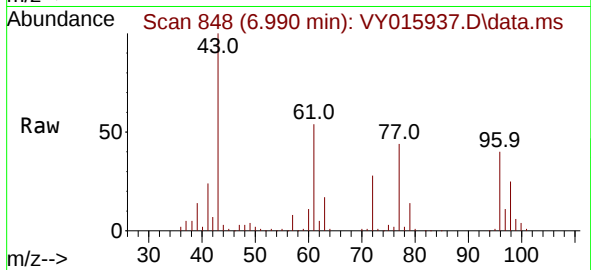
Tgt Ion: 77 Resp: 130157
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 54.324 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY015937.D
 Acq: 11 Oct 2023 20:25

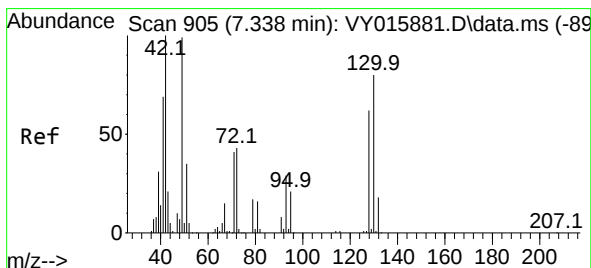
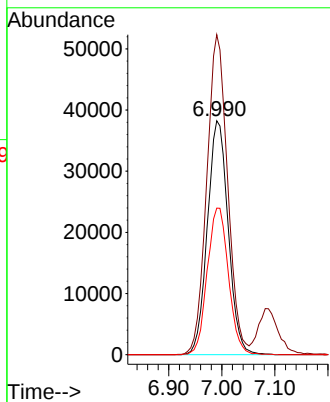
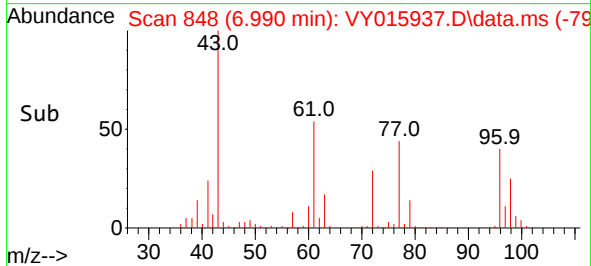
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



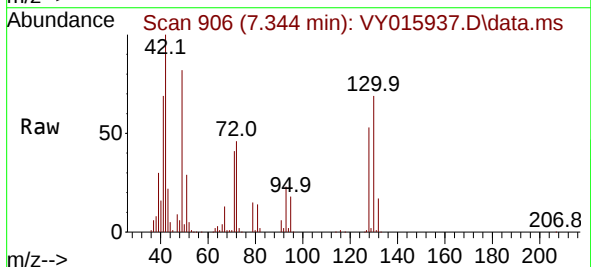
Tgt Ion: 96 Resp: 104358
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 301.4
 98 64.0 0.0 130.4

Manual Integrations
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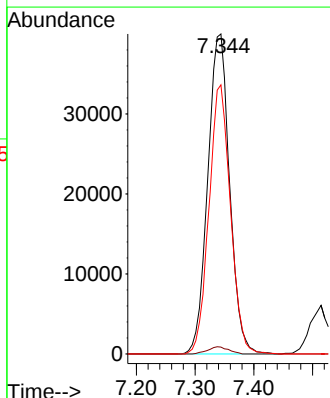
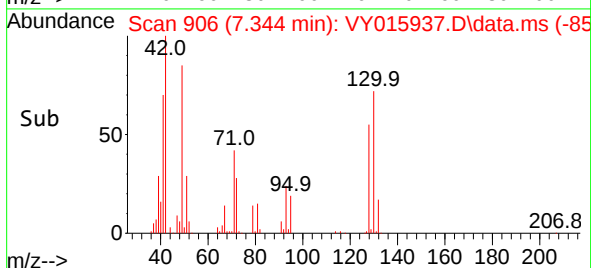
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

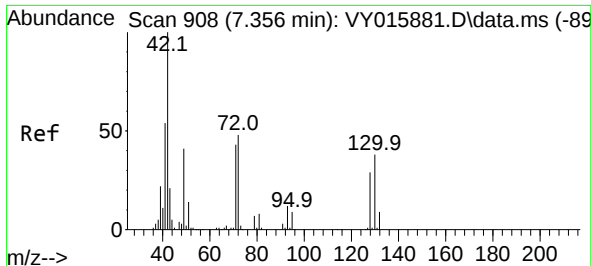


#28
 Bromochloromethane
 Concen: 58.829 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY015937.D
 Acq: 11 Oct 2023 20:25



Tgt Ion: 49 Resp: 103313
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 445.297 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

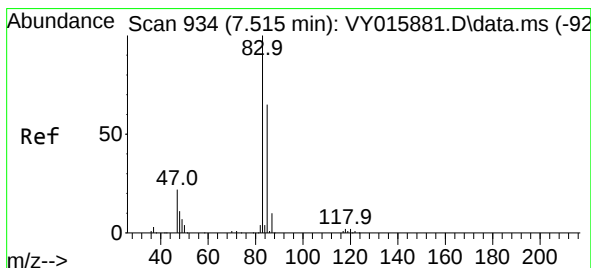
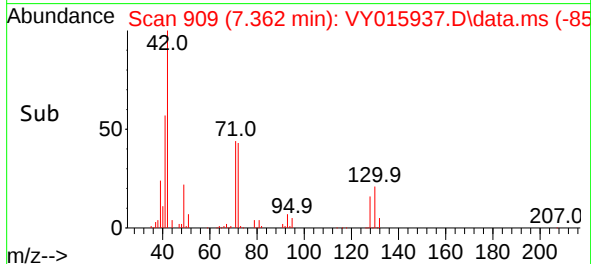
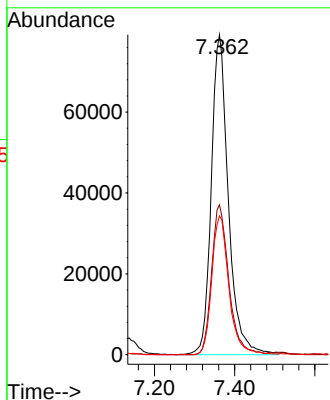
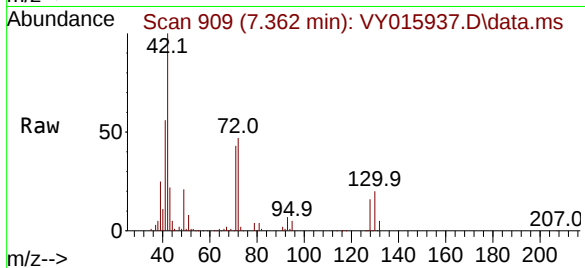
Tgt Ion:	42	Resp:	233349
Ion Ratio	Lower	Upper	
42	100		
72	47.2	32.8	49.2
71	43.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 53.564 ug/l

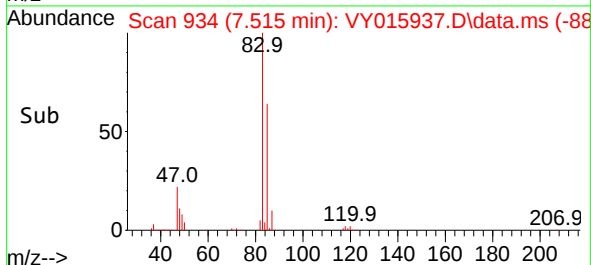
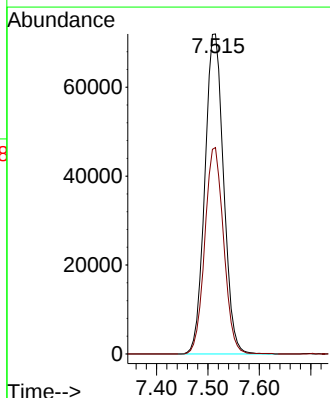
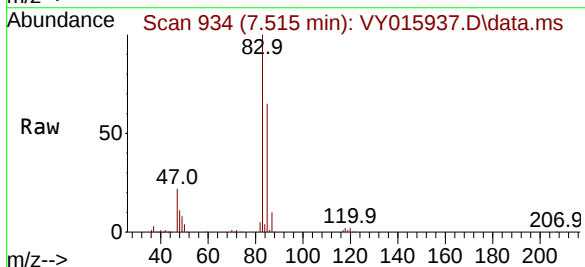
RT: 7.515 min Scan# 934

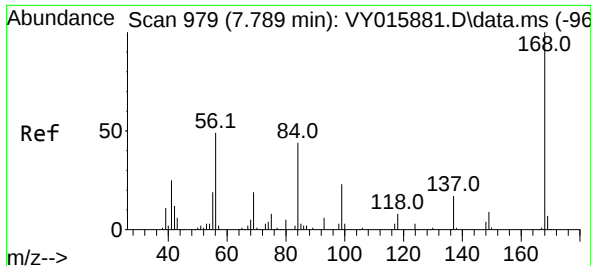
Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

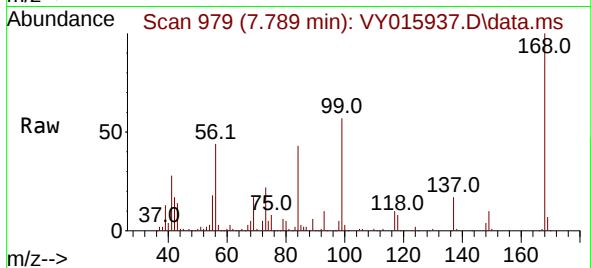
Tgt Ion:	83	Resp:	182050
Ion Ratio	Lower	Upper	
83	100		
85	64.5	49.7	74.5





#31
Cyclohexane
Concen: 47.914 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

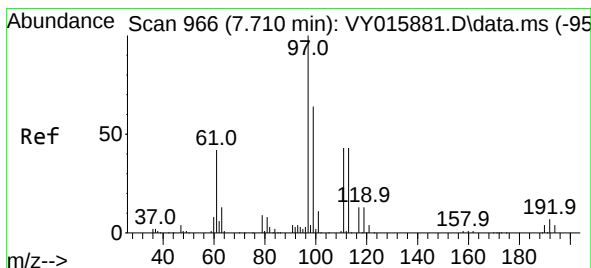
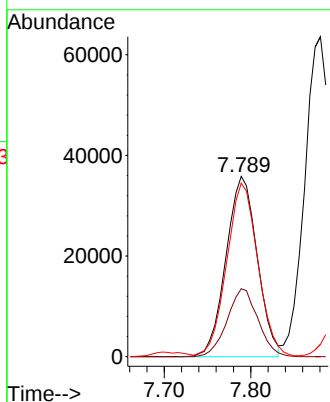
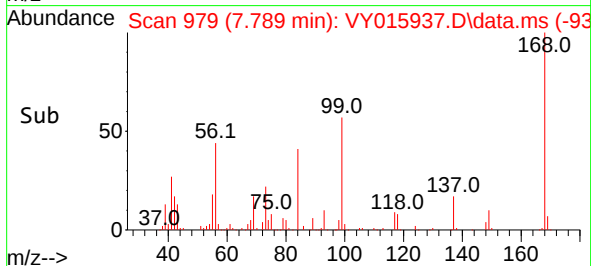
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 89610
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 94.0 66.4 99.6

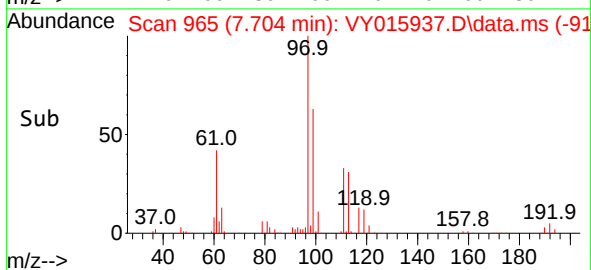
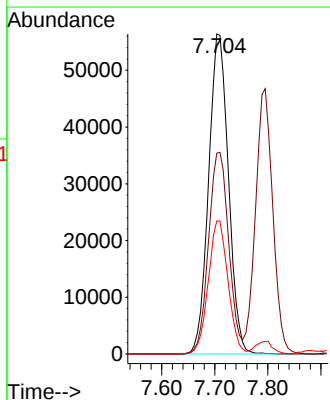
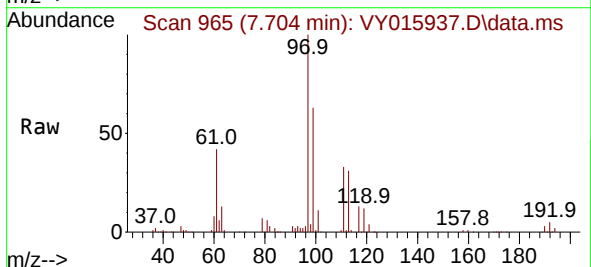
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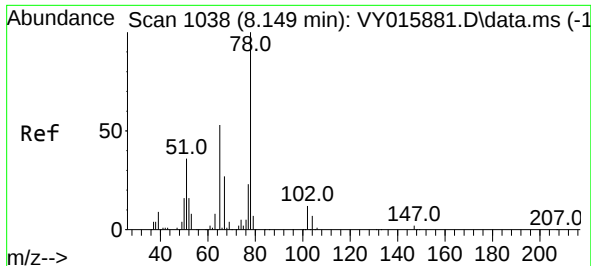
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#32
1,1,1-Trichloroethane
Concen: 52.795 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 97 Resp: 146540
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.324 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 96608

Ion Ratio Lower Upper

65 100

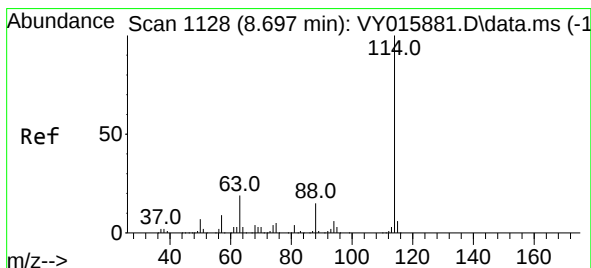
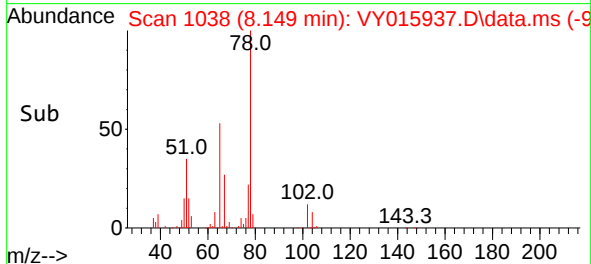
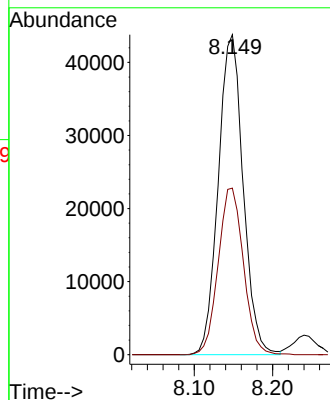
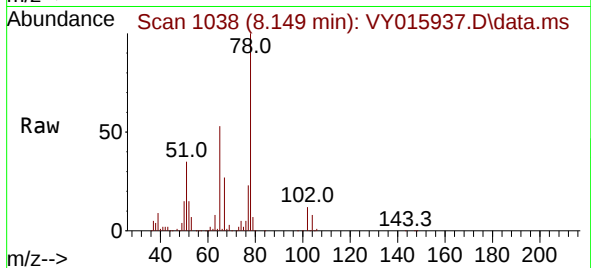
67 52.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

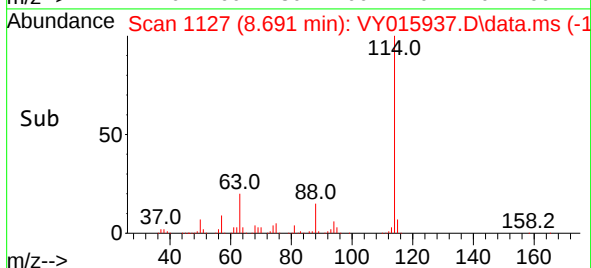
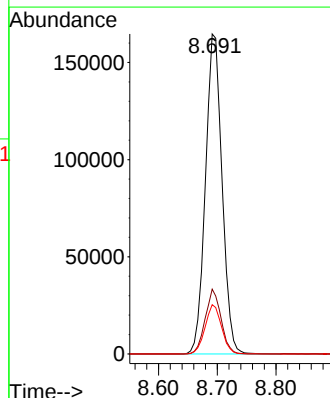
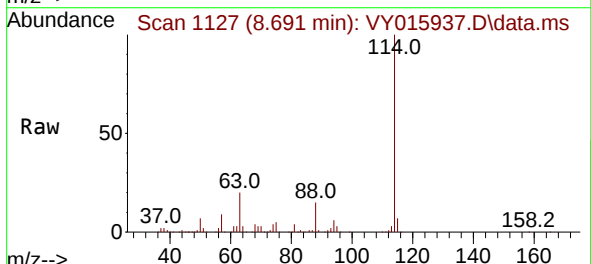
Tgt Ion:114 Resp: 323777

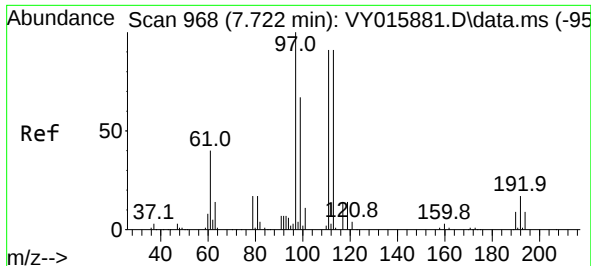
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.4 0.0 30.6





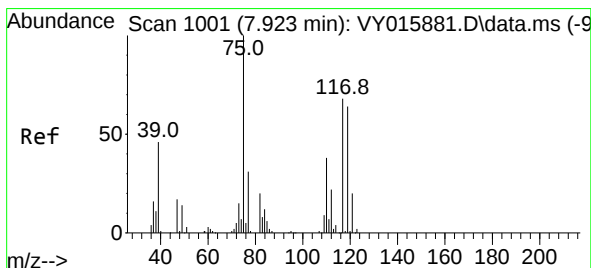
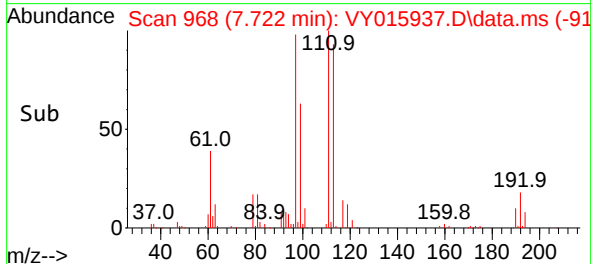
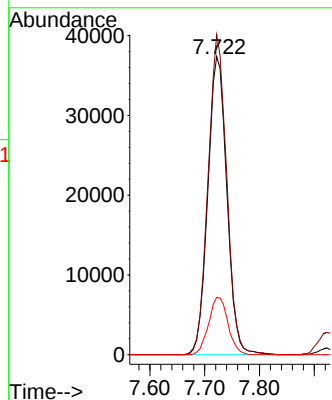
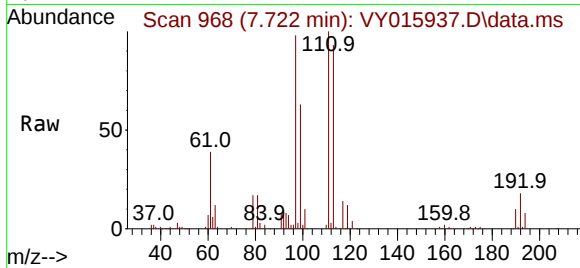
#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 7.722 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 9004
Ion Ratio Lower Upper
113 100
111 104.9 81.3 121.9
192 19.5 16.9 25.3

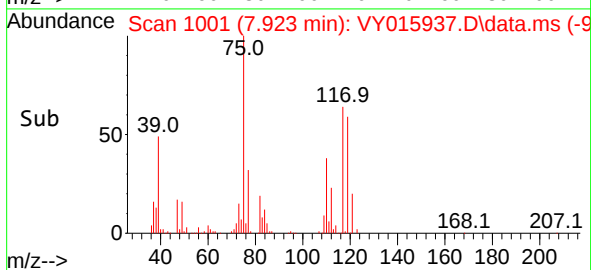
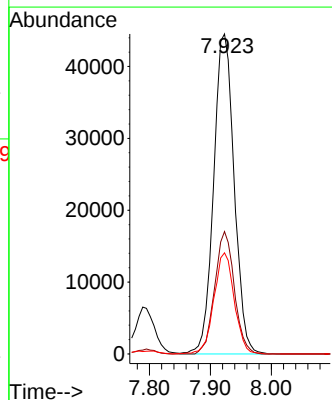
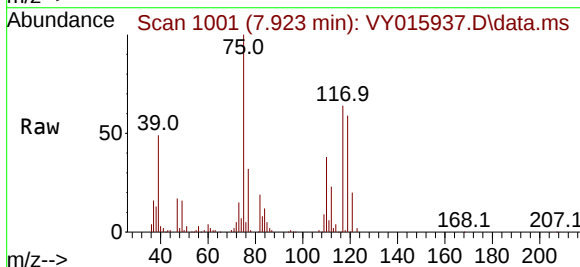
Manual Integrations
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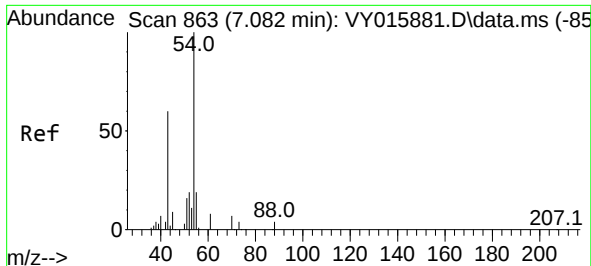
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#36
1,1-Dichloropropene
Concen: 52.075 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 75 Resp: 104157
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 90.211 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY015937.D

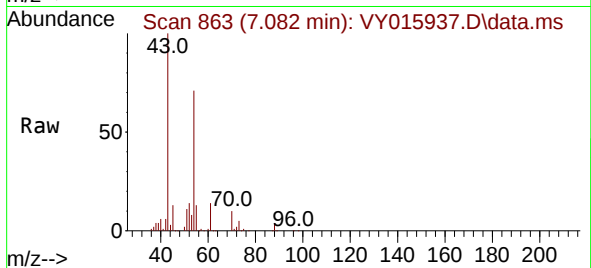
Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 15496

Ion Ratio Lower Upper

43 100

61 13.1 10.1 15.1

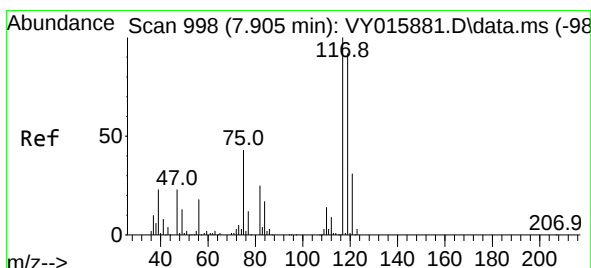
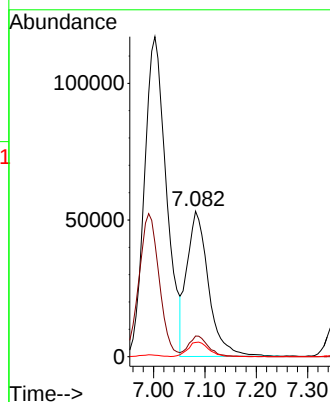
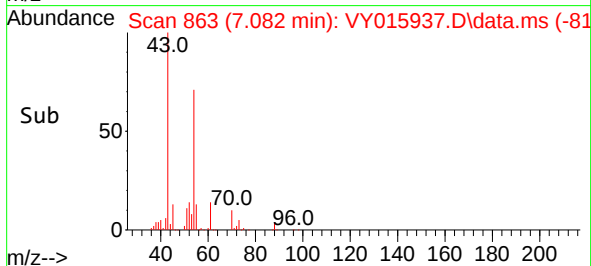
70 9.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#38

Carbon Tetrachloride

Concen: 51.417 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

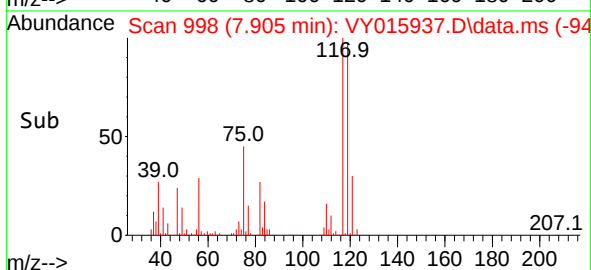
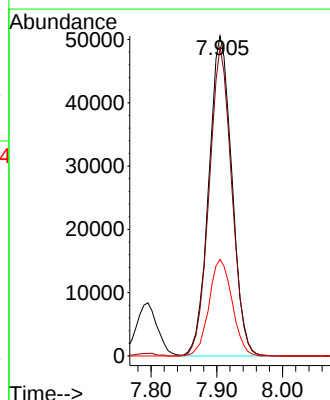
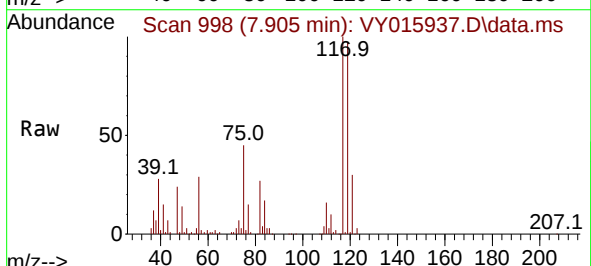
Tgt Ion:117 Resp: 123507

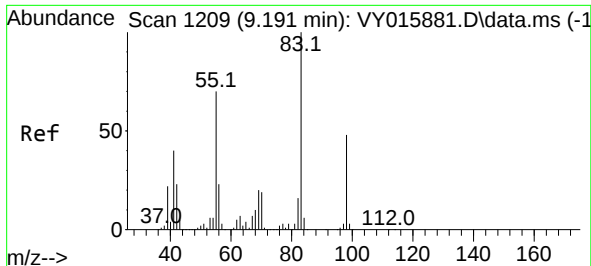
Ion Ratio Lower Upper

117 100

119 96.6 76.4 114.6

121 30.1 25.8 38.6





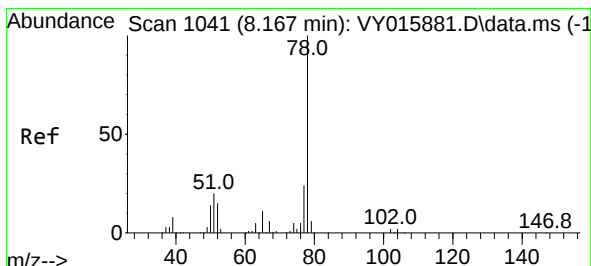
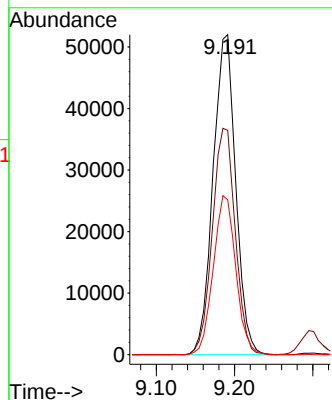
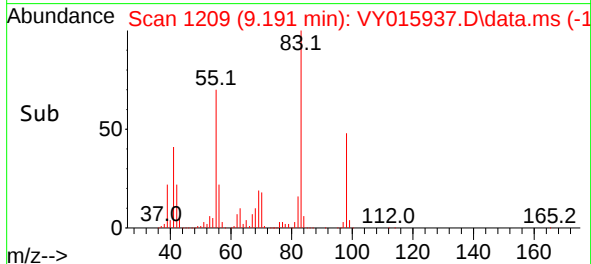
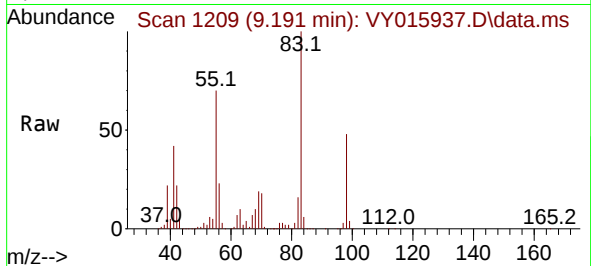
#39
Methylcyclohexane
Concen: 51.428 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 104484
Ion Ratio Lower Upper
83 100
55 70.1 63.0 94.4
98 48.4 37.4 56.2

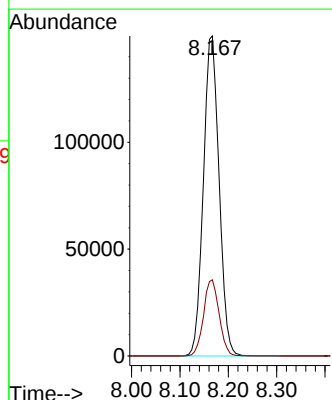
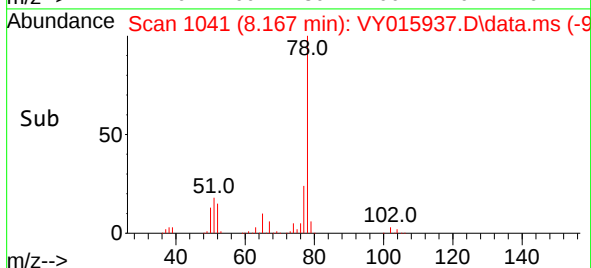
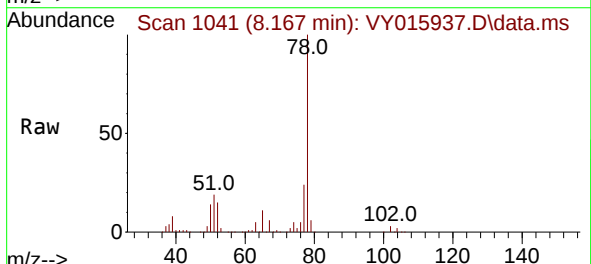
Manual Integrations
APPROVED

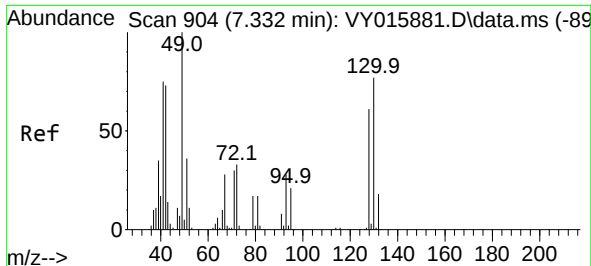
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#40
Benzene
Concen: 53.697 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

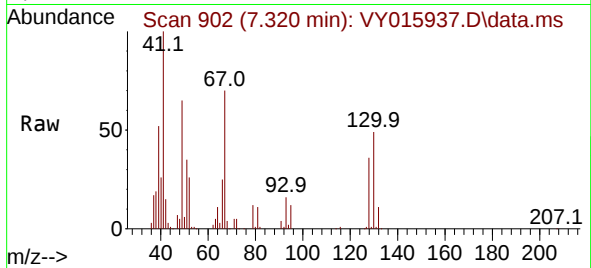
Tgt Ion: 78 Resp: 337520
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 55.296 ug/l
RT: 7.320 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

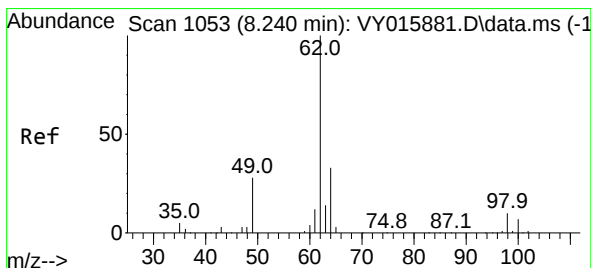
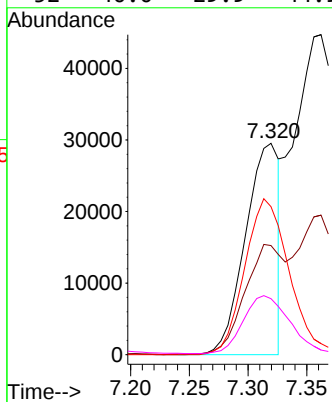
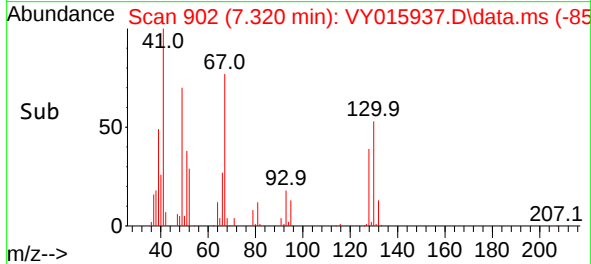
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5908
Ion Ratio Lower Upper
41 100
39 60.3 52.1 78.1
67 98.6 66.2 99.2
52 40.0 29.9 44.9

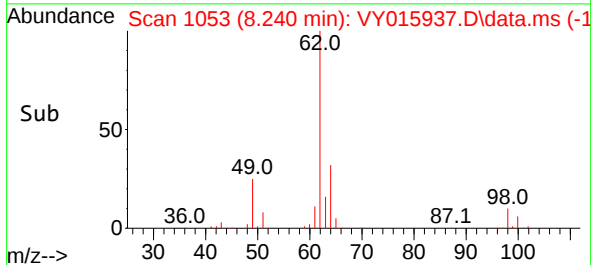
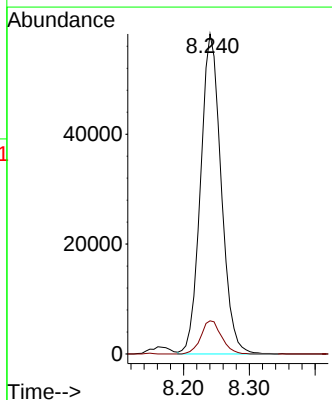
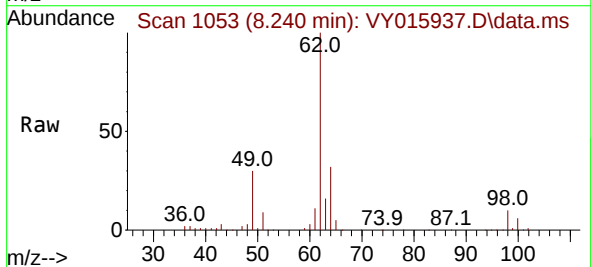
Manual Integrations
APPROVED

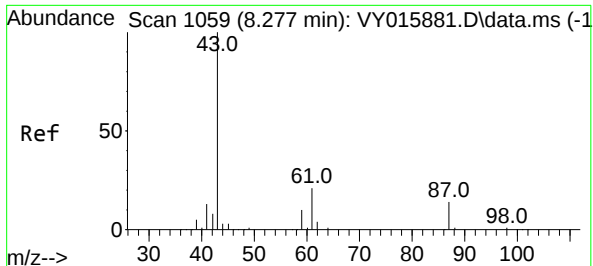
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 59.223 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 62 Resp: 126895
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 73.935 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 235094

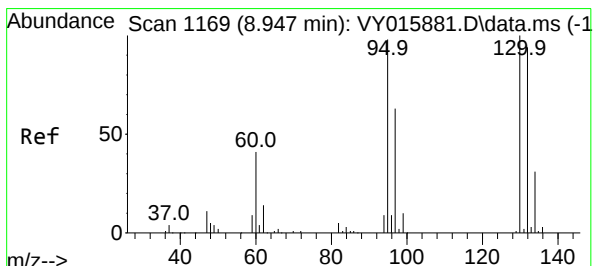
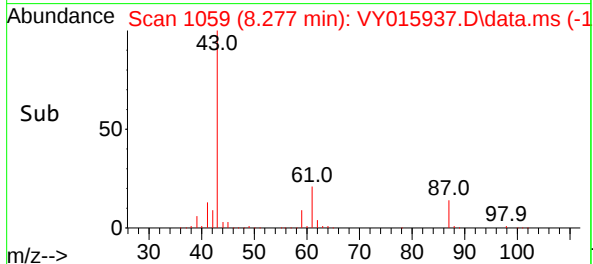
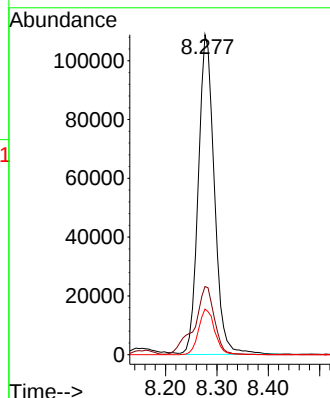
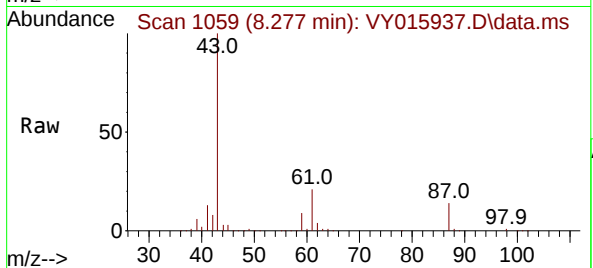
Ion	Ratio	Lower	Upper
43	100		
61	26.6	21.1	31.7
87	14.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#44

Trichloroethene

Concen: 56.132 ug/l

RT: 8.941 min Scan# 1168

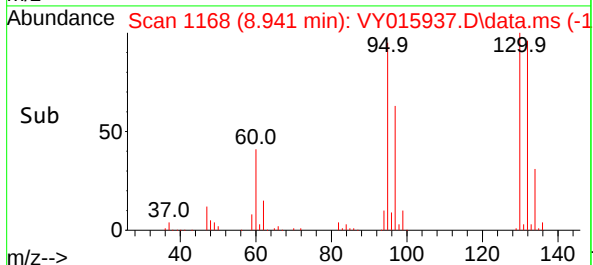
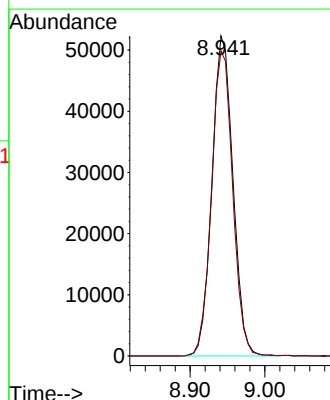
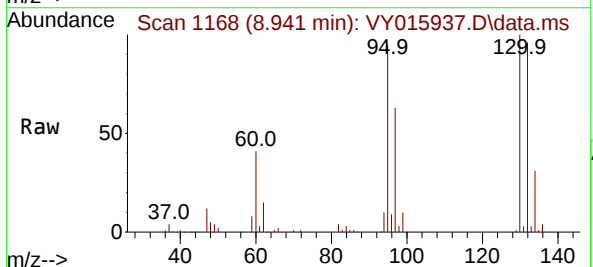
Delta R.T. -0.006 min

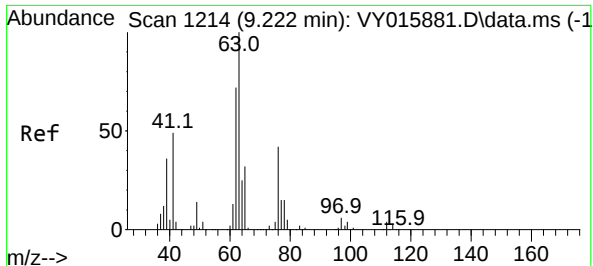
Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion:130 Resp: 102097

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	196.0





#45

1,2-Dichloropropane

Concen: 53.808 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10173

Ion Ratio Lower Upper

63 100

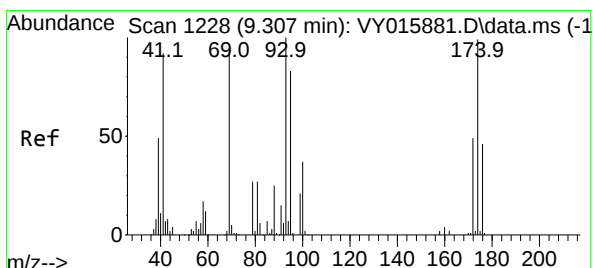
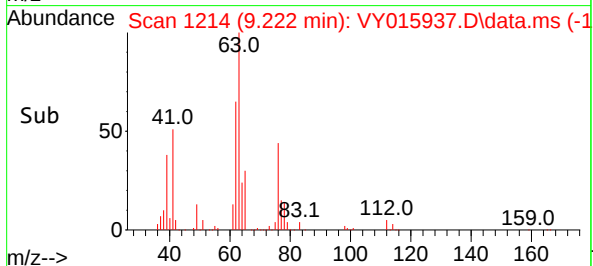
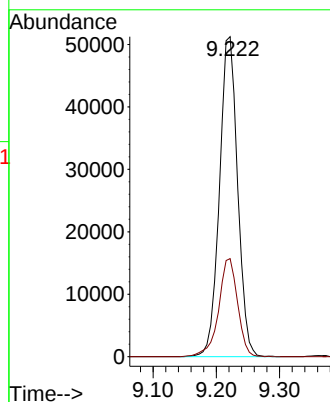
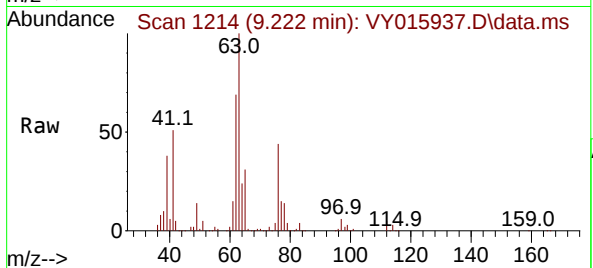
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 60.079 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

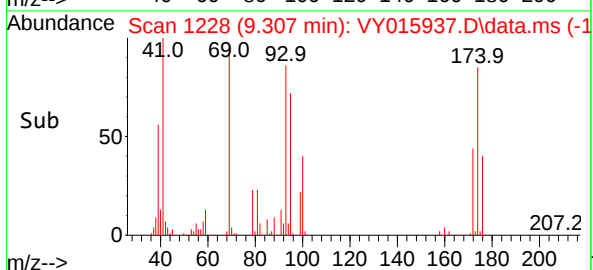
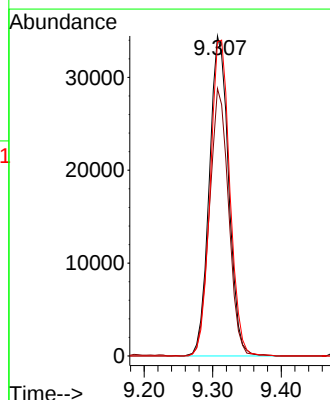
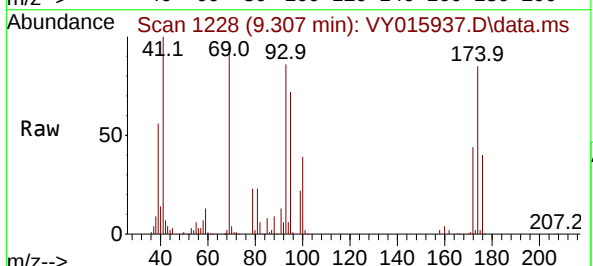
Tgt Ion: 93 Resp: 67595

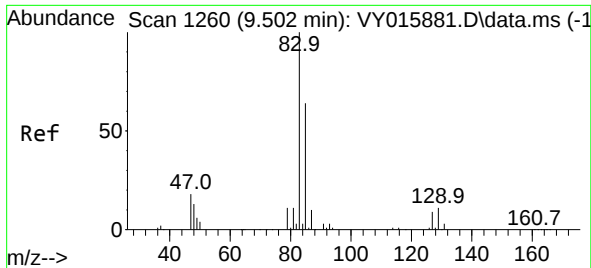
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

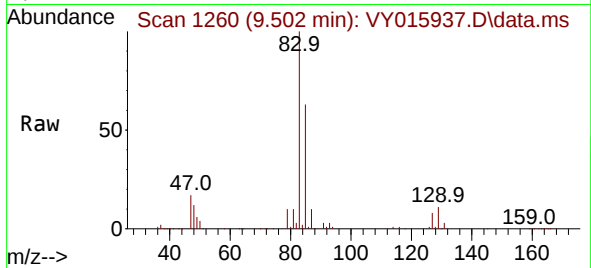
174 99.9 84.8 127.2





#47
Bromodichloromethane
Concen: 54.420 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

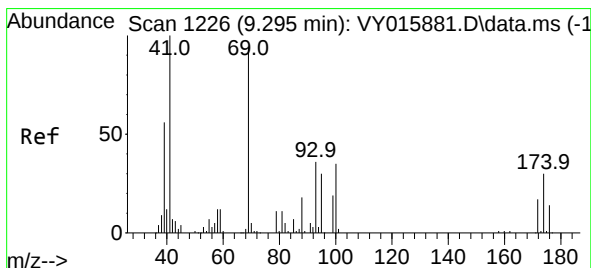
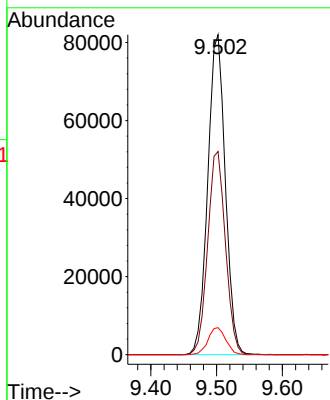
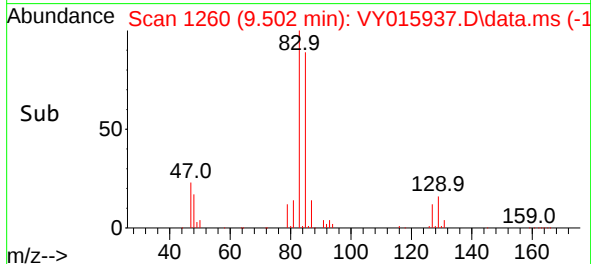
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



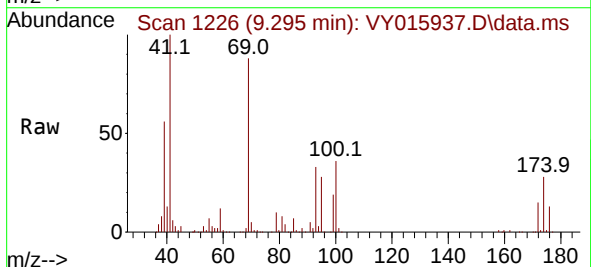
Tgt Ion: 83 Resp: 15227
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.4 7.1 10.7

Manual Integrations
APPROVED

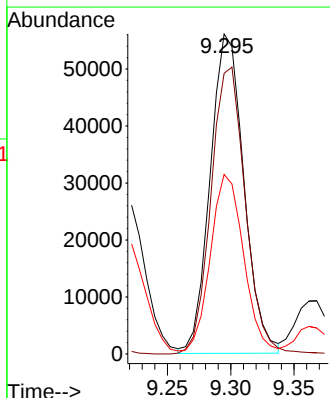
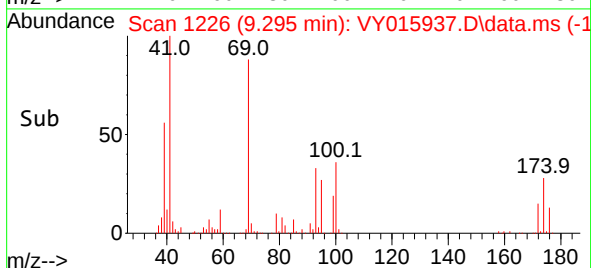
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

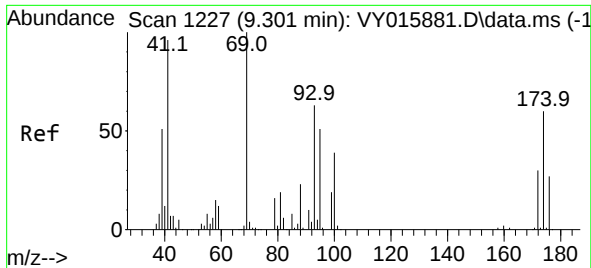


#48
Methyl methacrylate
Concen: 74.009 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



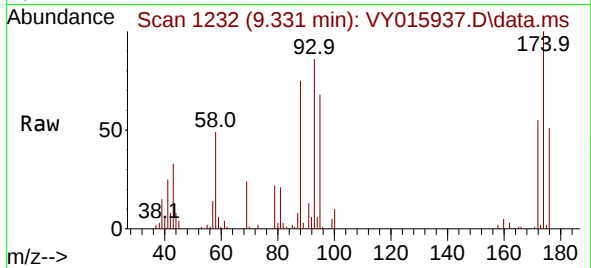
Tgt Ion: 41 Resp: 103927
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 55.8 50.8 76.2





#49
1,4-Dioxane
Concen: 1989.918 ug/l
RT: 9.331 min Scan# 1227
Delta R.T. 0.031 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

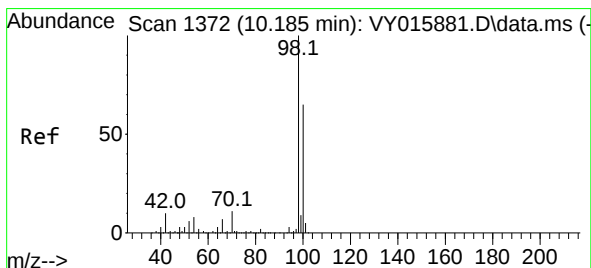
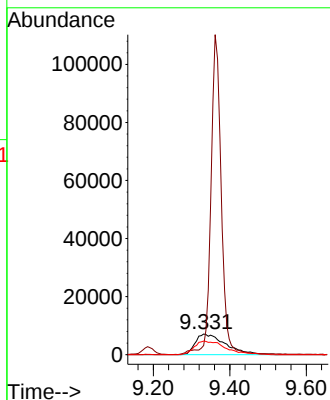
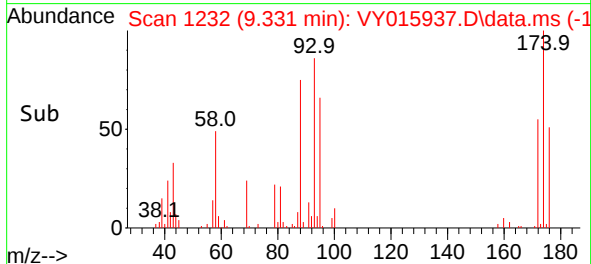
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 38919
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.5 30.9 46.3

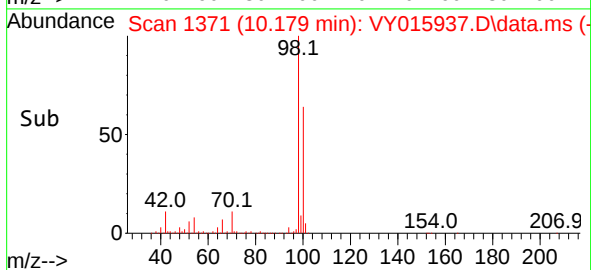
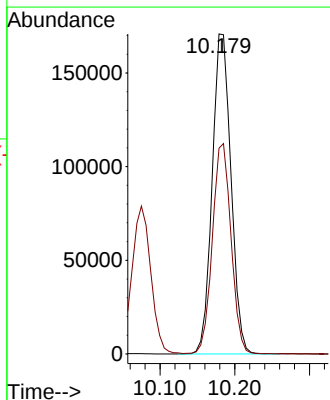
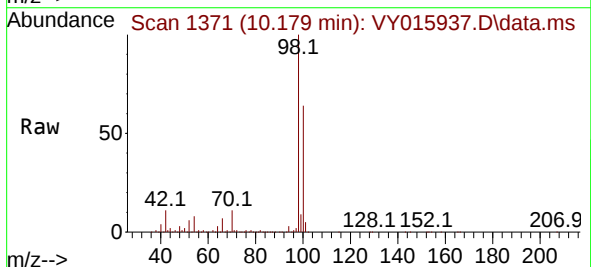
Manual Integrations
APPROVED

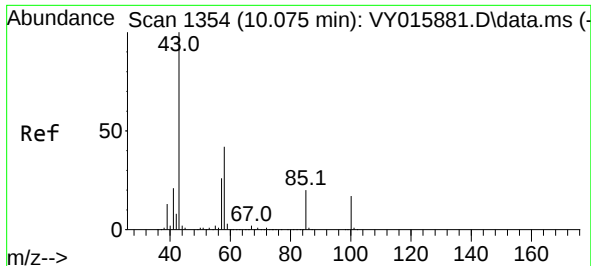
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 98 Resp: 299146
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1





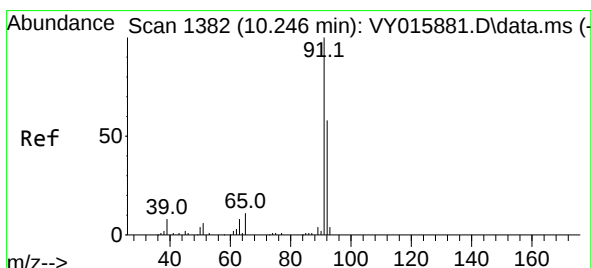
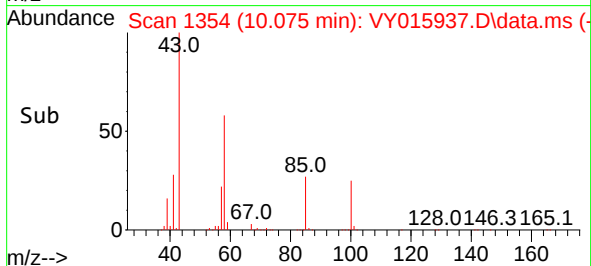
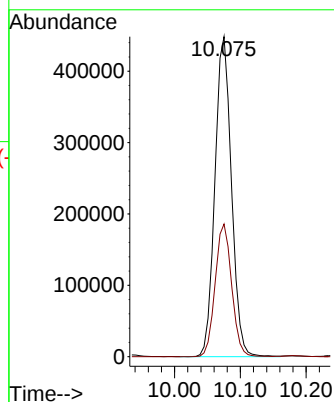
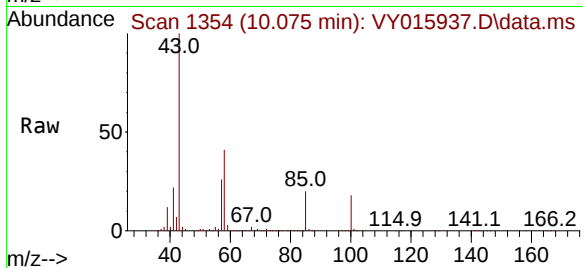
#51
4-Methyl-2-Pentanone
Concen: 412.039 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 78386
Ion Ratio Lower Upper
43 100
58 41.4 29.0 43.6

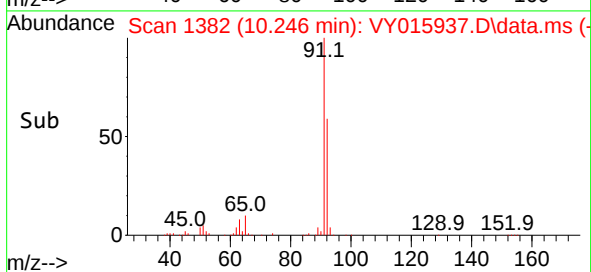
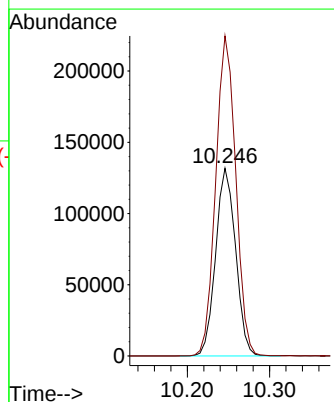
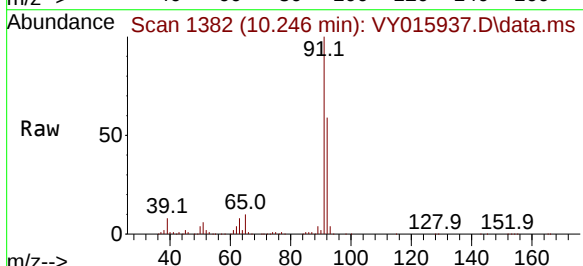
Manual Integrations
APPROVED

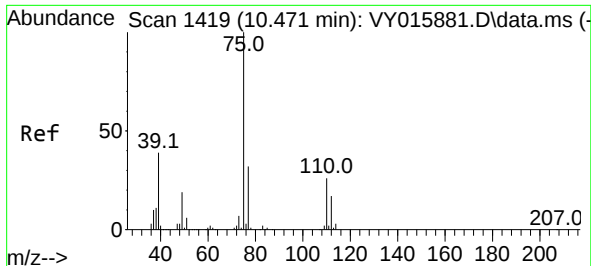
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#52
Toluene
Concen: 53.287 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

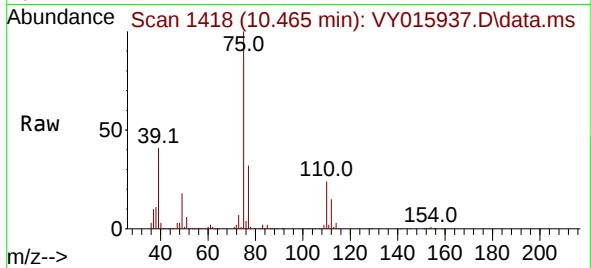
Tgt Ion: 92 Resp: 222333
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 56.901 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

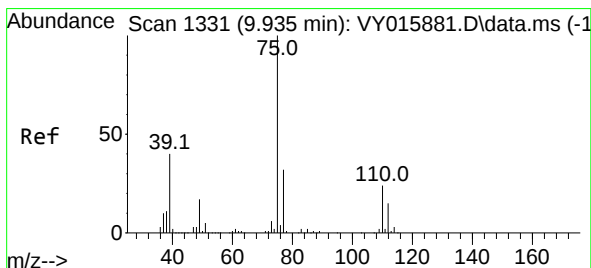
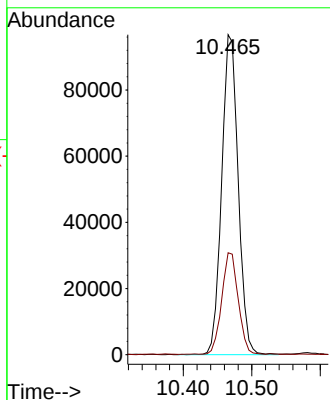
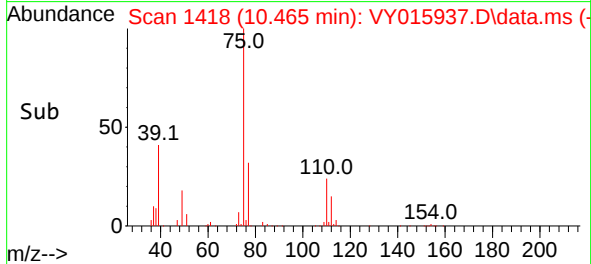
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 160963
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

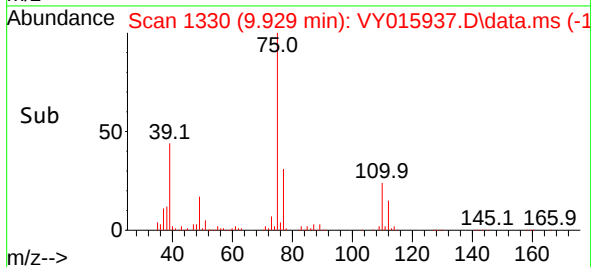
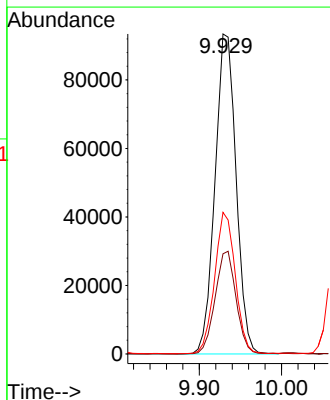
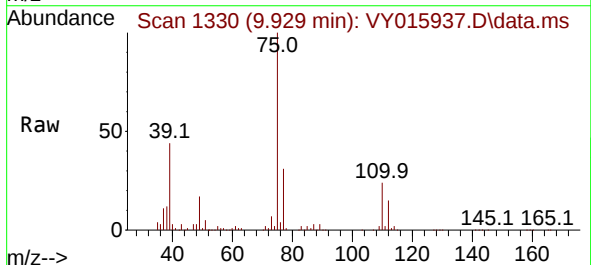
Manual Integrations
APPROVED

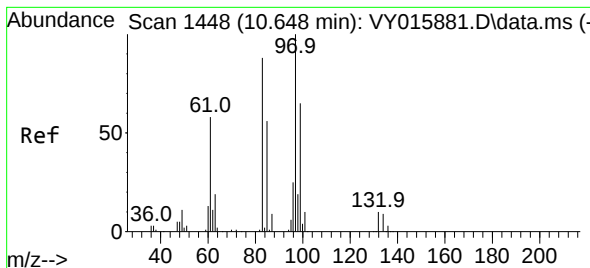
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#54
cis-1,3-Dichloropropene
Concen: 54.195 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

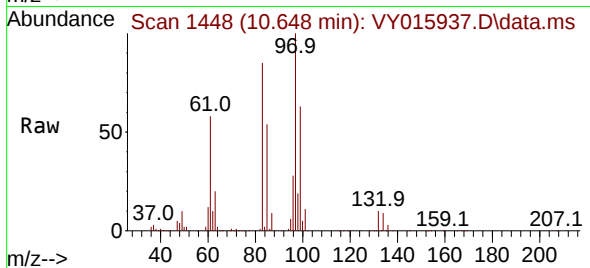
Tgt Ion: 75 Resp: 166531
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 44.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 58.549 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

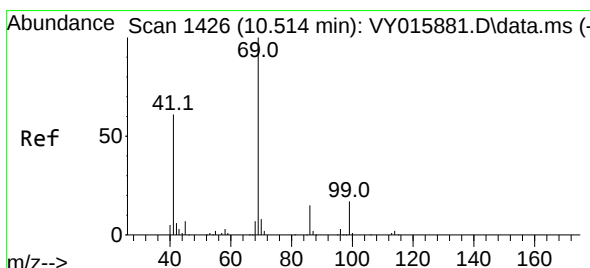
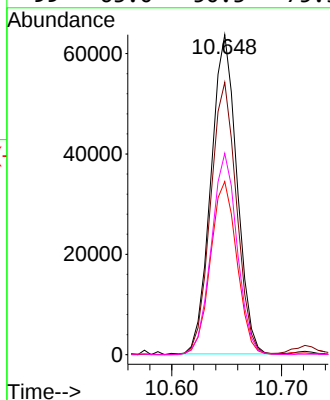
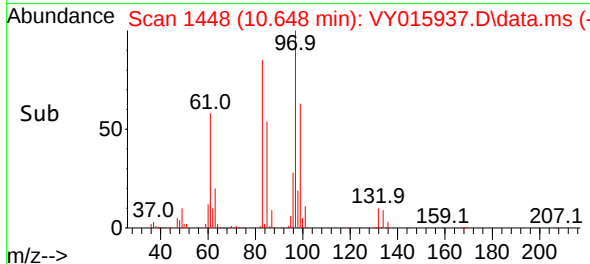
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 10489
Ion Ratio Lower Upper
97 100
83 85.1 72.0 108.0
85 54.2 45.4 68.0
99 63.0 50.3 75.5

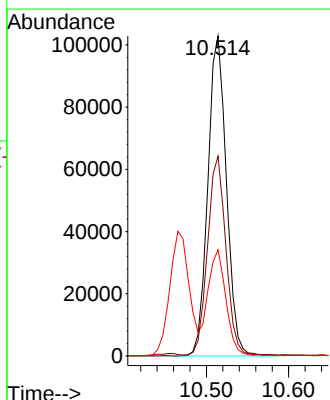
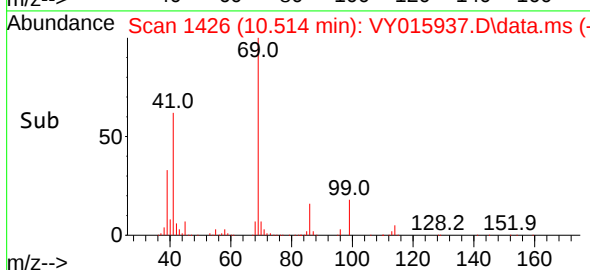
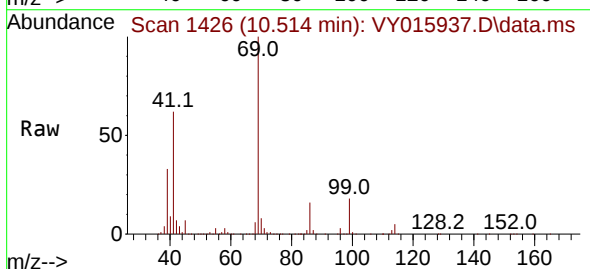
Manual Integrations
APPROVED

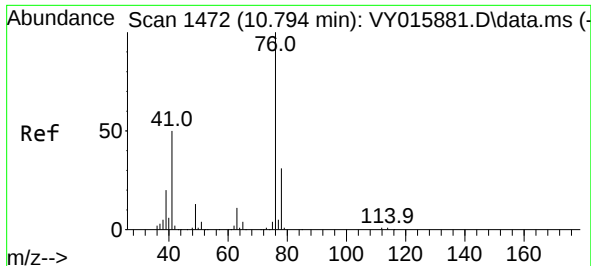
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#56
Ethyl methacrylate
Concen: 66.409 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

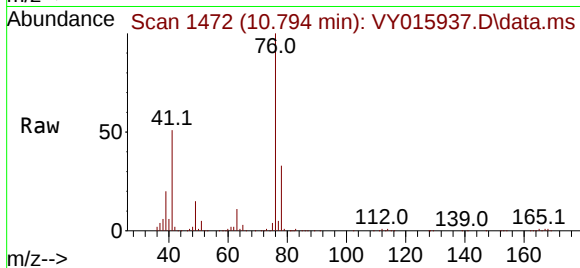
Tgt Ion: 69 Resp: 161518
Ion Ratio Lower Upper
69 100
41 61.2 57.6 86.4
39 32.4 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 59.260 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

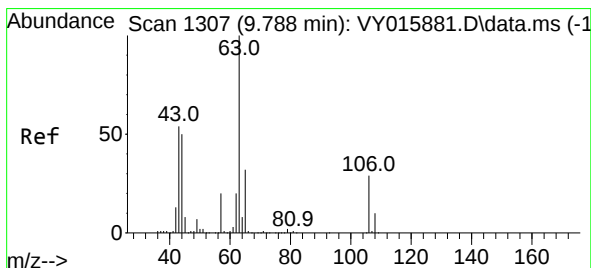
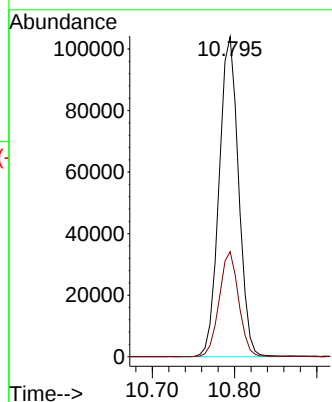
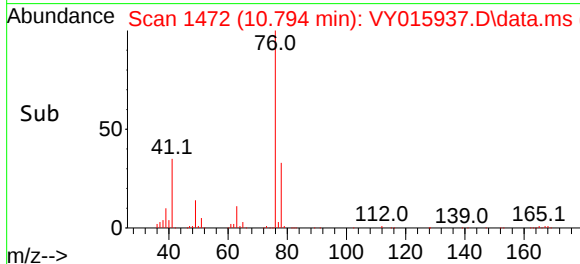
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



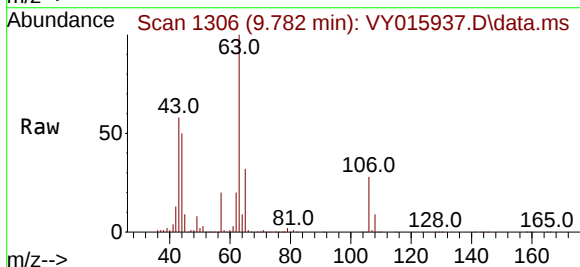
Tgt Ion: 76 Resp: 171164
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9

Manual Integrations
APPROVED

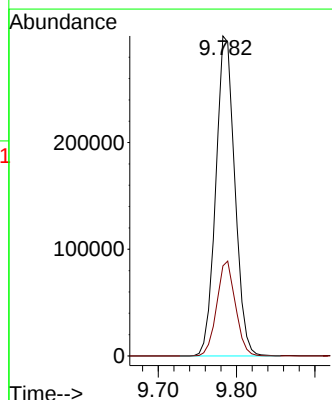
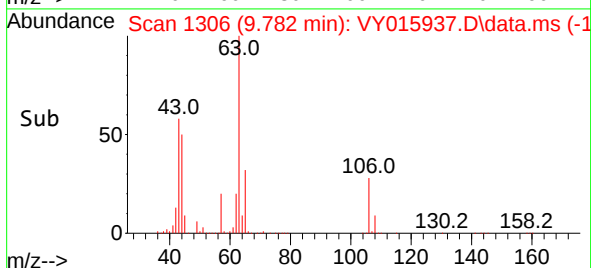
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

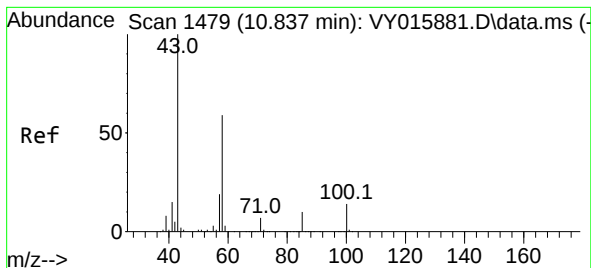


#58
2-Chloroethyl Vinyl ether
Concen: 341.290 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



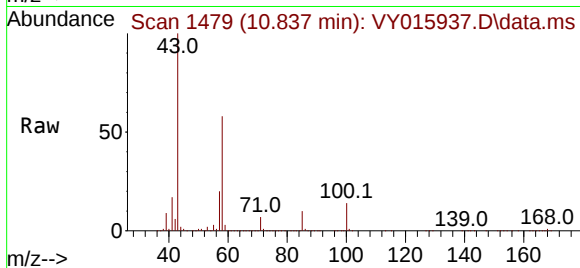
Tgt Ion: 63 Resp: 505939
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8





#59
2-Hexanone
Concen: 414.551 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

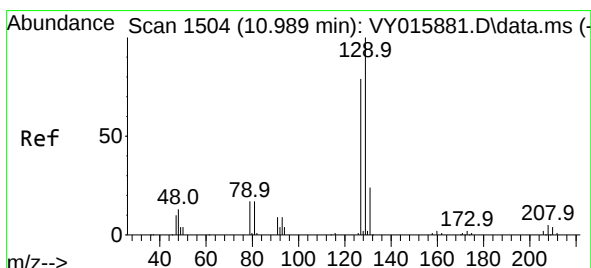
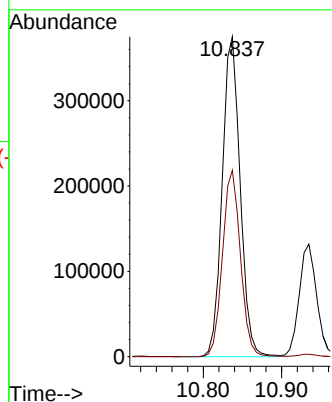
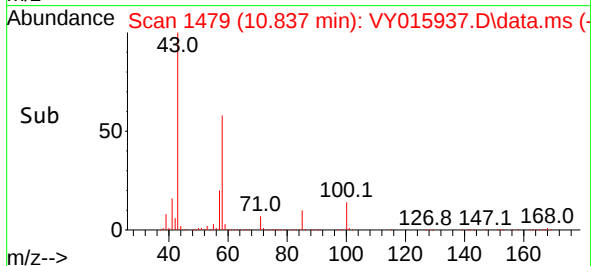
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



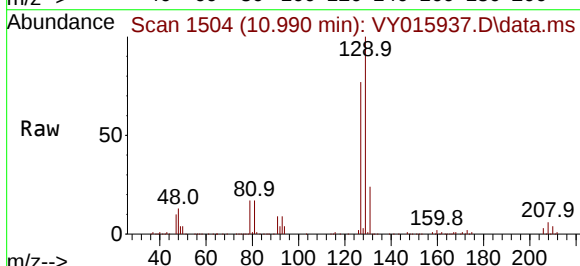
Tgt Ion: 43 Resp: 596640
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3

Manual Integrations
APPROVED

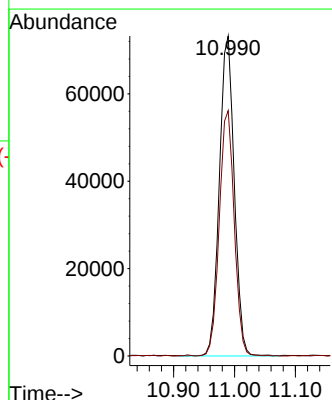
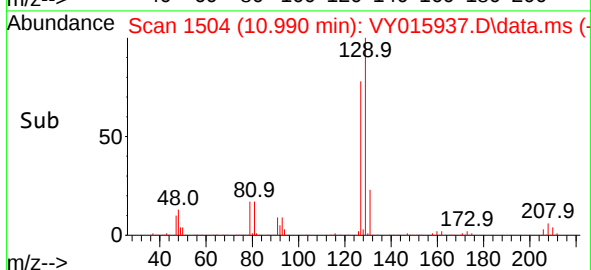
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

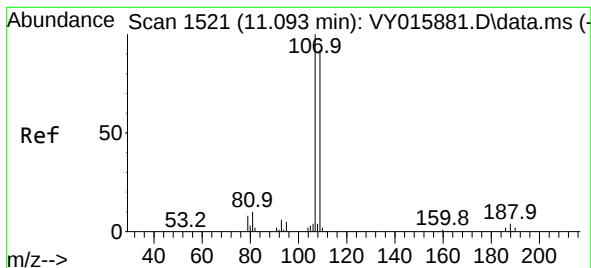


#60
Dibromochloromethane
Concen: 57.816 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



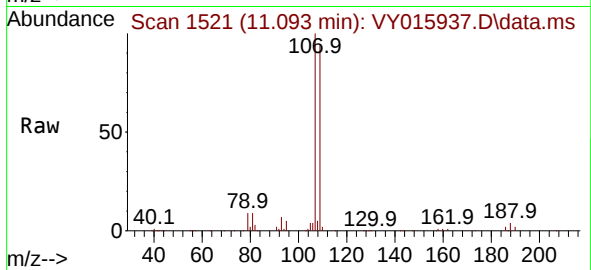
Tgt Ion:129 Resp: 124169
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 61.631 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

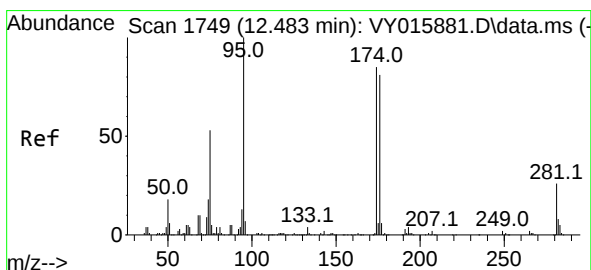
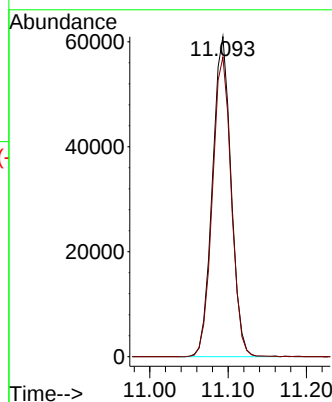
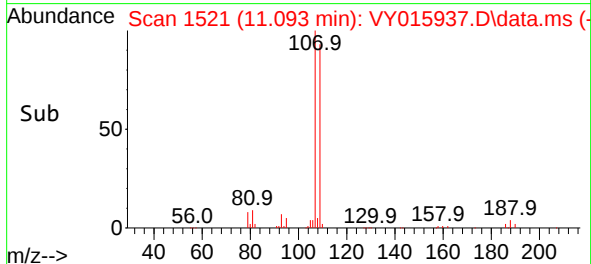
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



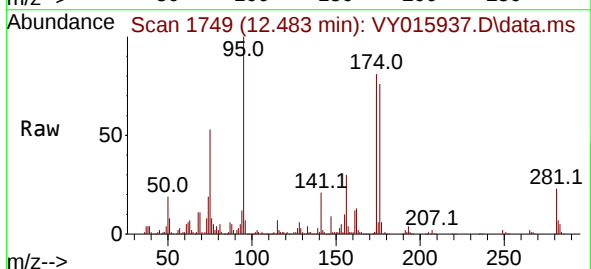
Tgt Ion:107 Resp: 10084
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

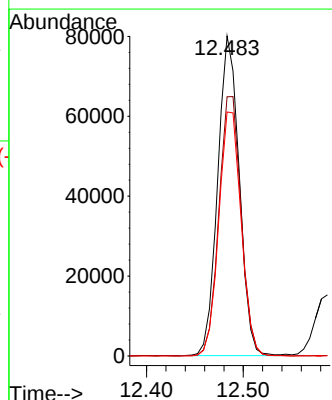
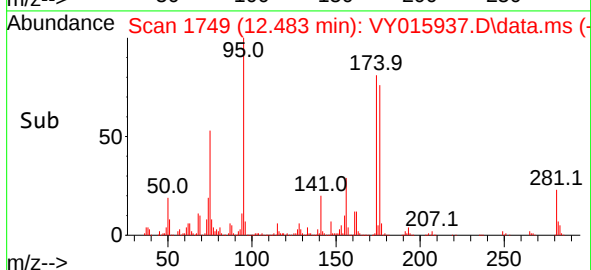
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

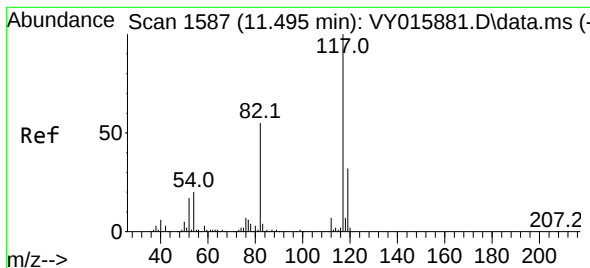


#62
4-Bromofluorobenzene
Concen: 51.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



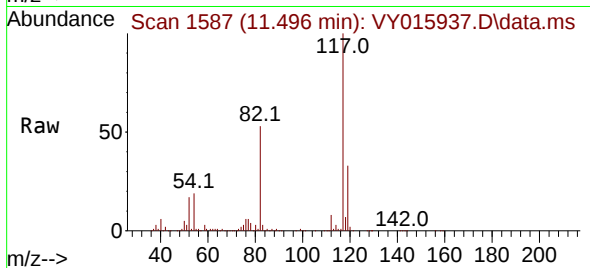
Tgt Ion: 95 Resp: 123369
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 79.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

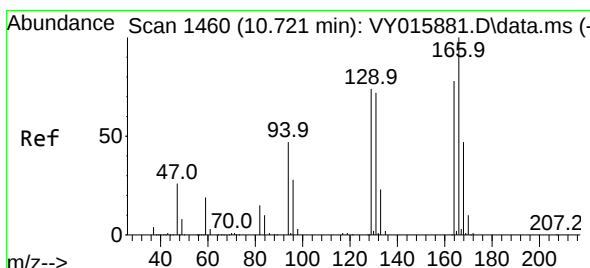
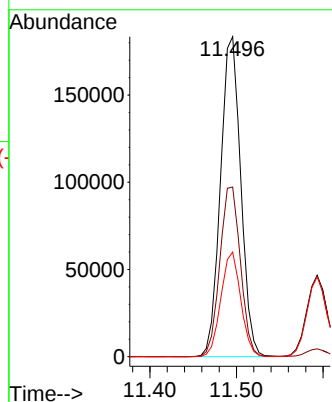
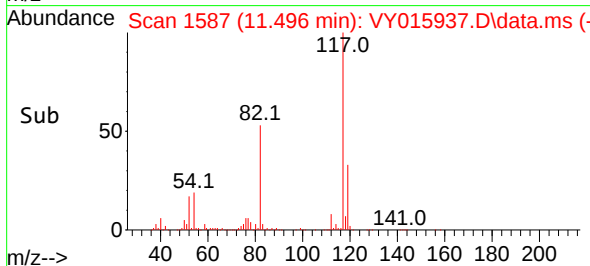
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 298479
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.7 26.3 39.5

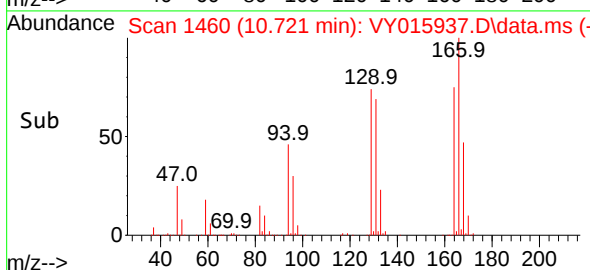
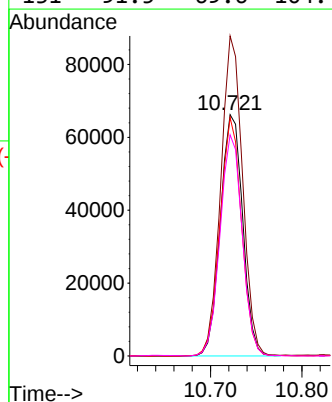
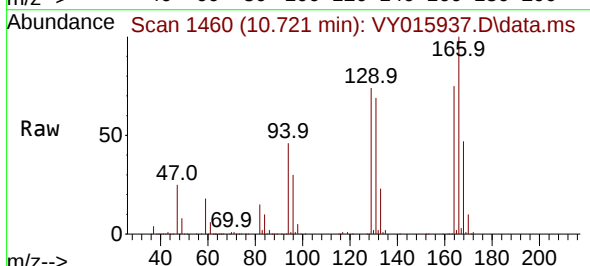
Manual Integrations
APPROVED

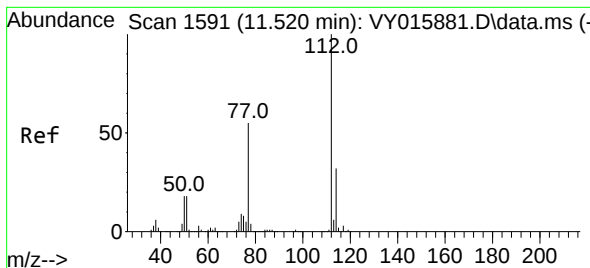
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 57.916 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

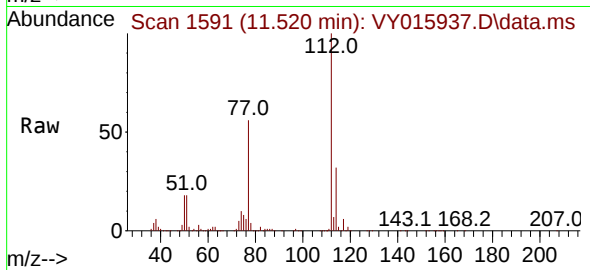
Tgt Ion:164 Resp: 112814
Ion Ratio Lower Upper
164 100
166 132.6 103.0 154.6
129 98.8 77.2 115.8
131 91.5 69.6 104.4





#65
Chlorobenzene
Concen: 50.958 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

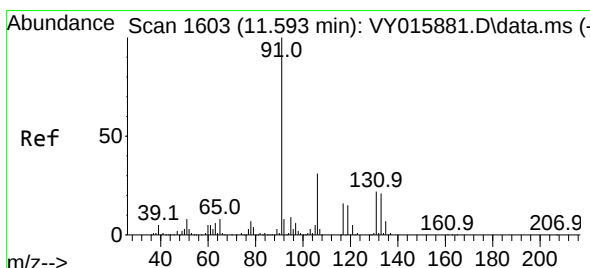
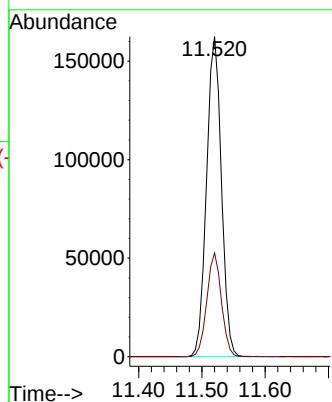
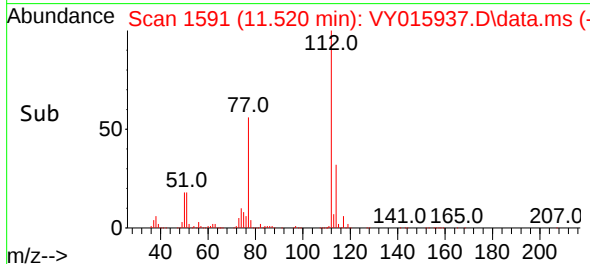
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



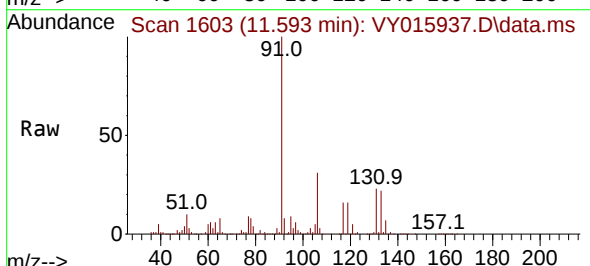
Tgt Ion:112 Resp: 26530
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

Manual Integrations
APPROVED

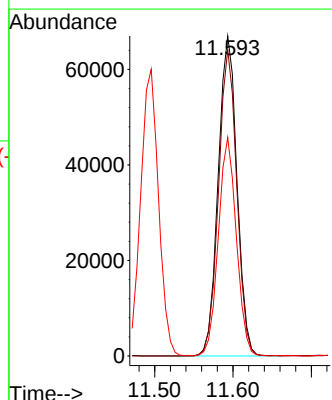
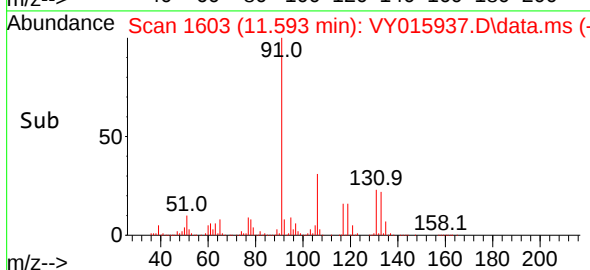
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

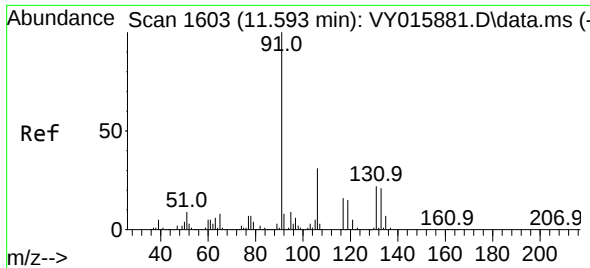


#66
1,1,1,2-Tetrachloroethane
Concen: 52.511 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



Tgt Ion:131 Resp: 111742
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 65.6 31.6 94.7





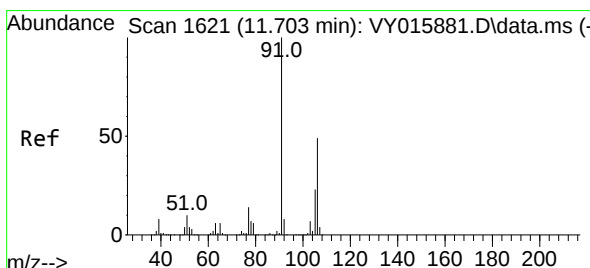
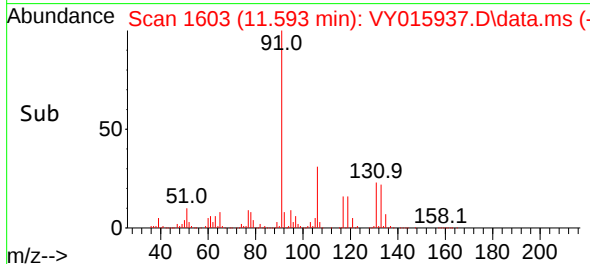
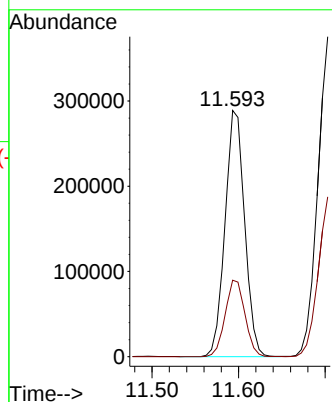
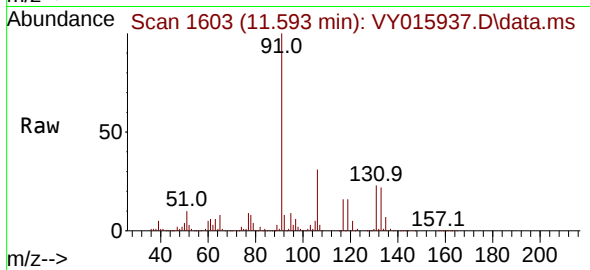
#67
Ethyl Benzene
Concen: 50.841 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 454102
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

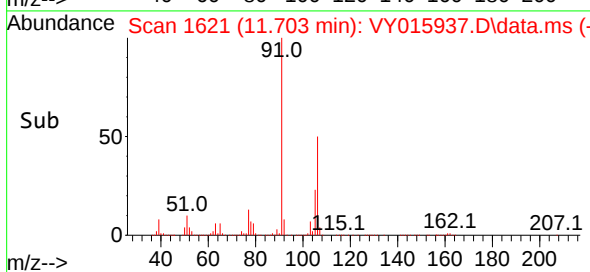
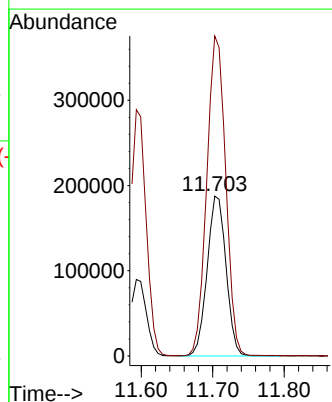
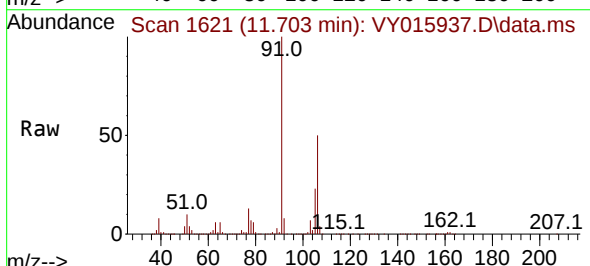
Manual Integrations
APPROVED

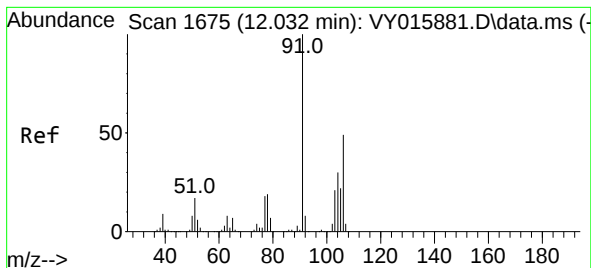
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#68
m/p-Xylenes
Concen: 102.067 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion:106 Resp: 343519
Ion Ratio Lower Upper
106 100
91 200.7 166.1 249.1





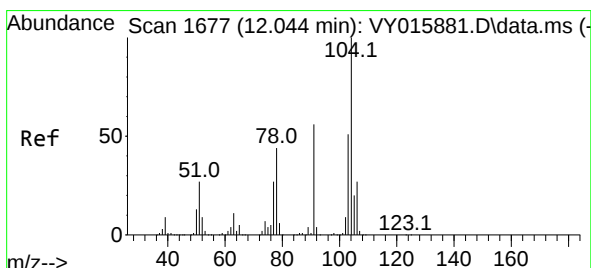
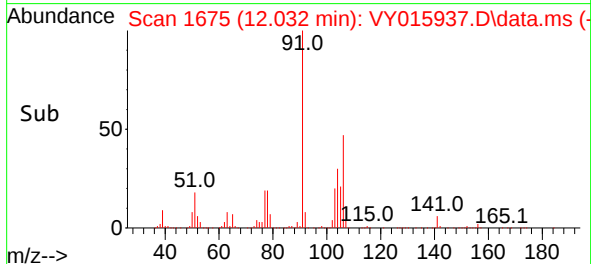
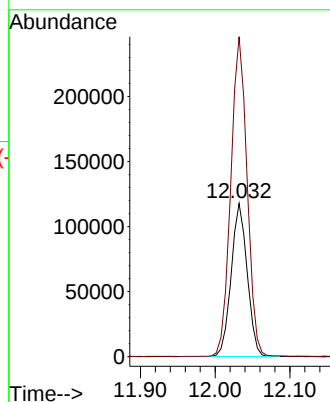
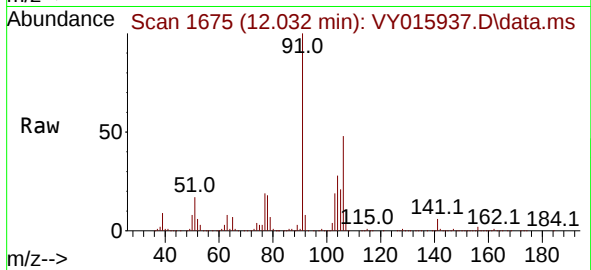
#69
o-Xylene
Concen: 52.120 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 17551
Ion Ratio Lower Upper
106 100
91 213.2 108.1 324.3

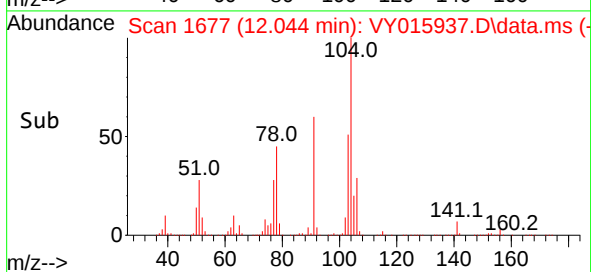
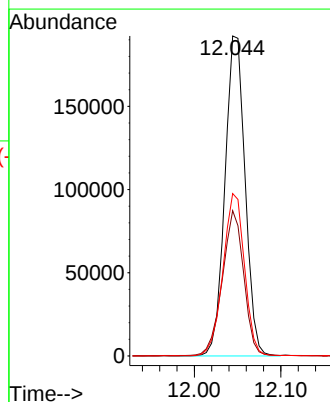
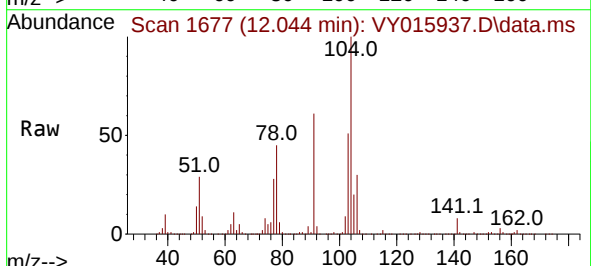
Manual Integrations
APPROVED

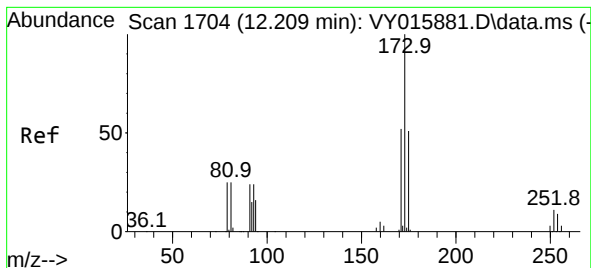
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 53.028 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion:104 Resp: 311559
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 61.831 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

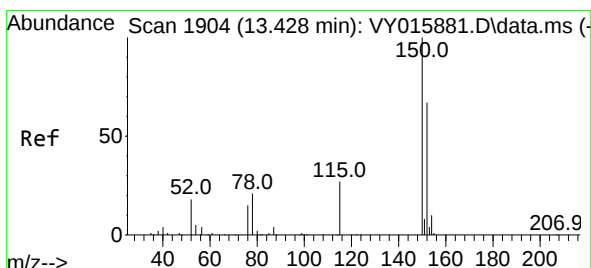
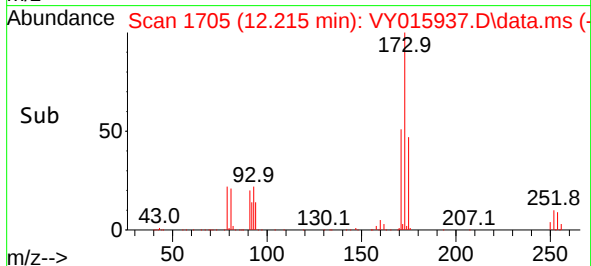
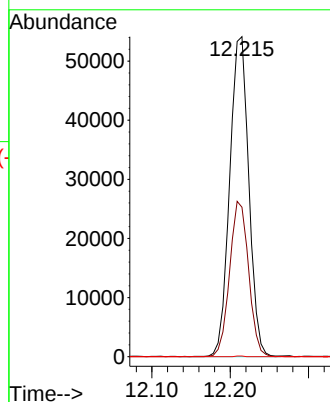
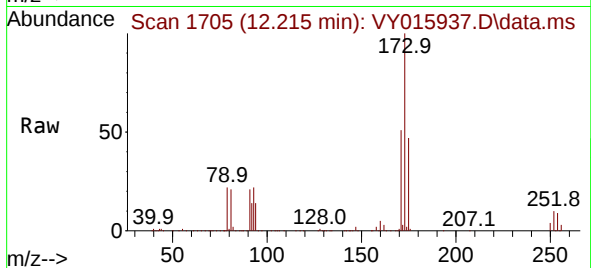
Tgt Ion:173 Resp: 91624
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.6 73.8
 254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

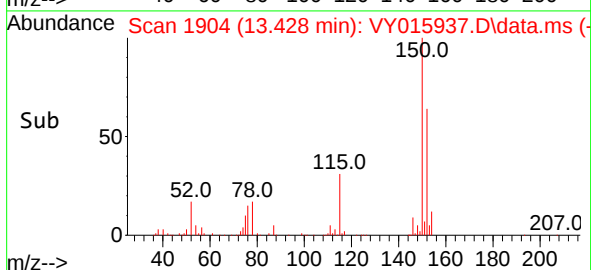
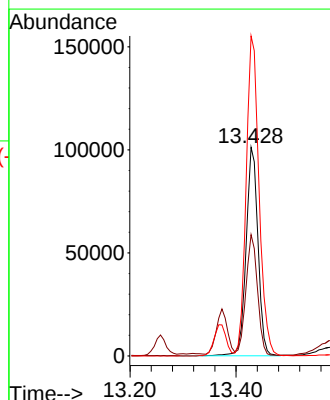
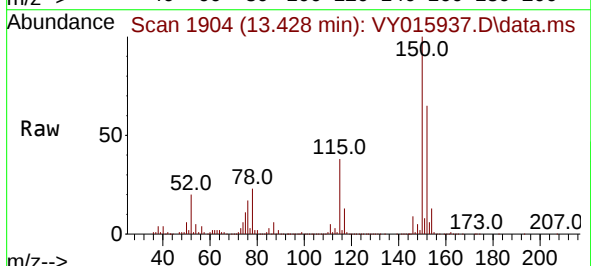
RT: 13.428 min Scan# 1904

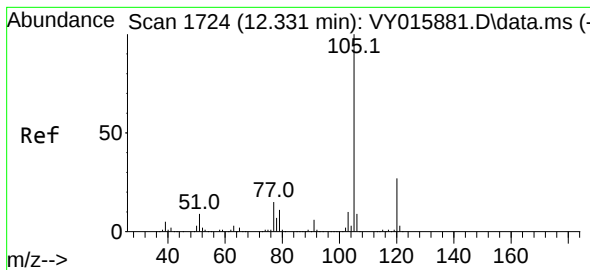
Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion:152 Resp: 157042
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 165.9 0.0 348.8





#73

Isopropylbenzene

Concen: 47.443 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 46998

Ion Ratio Lower Upper

105 100

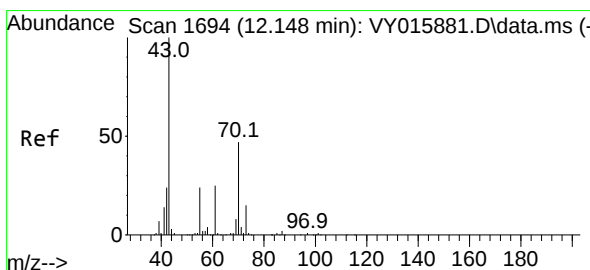
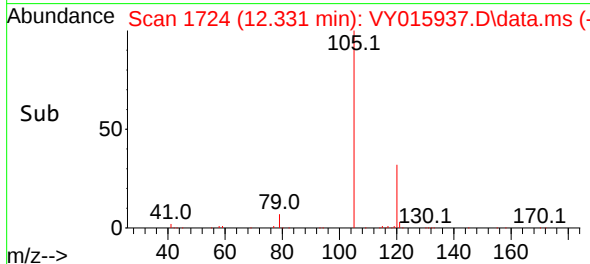
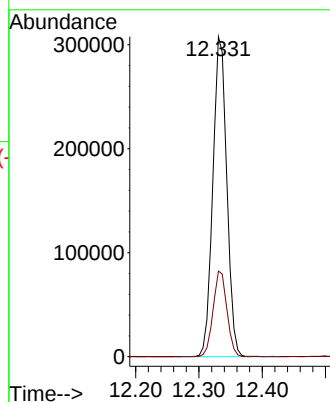
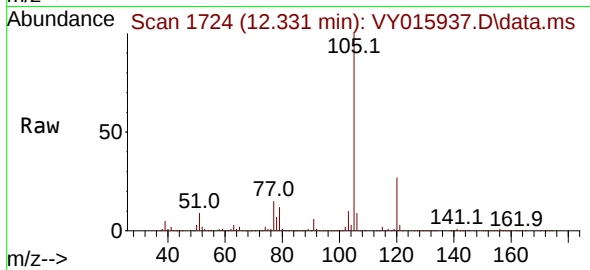
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#74

N-ethyl acetate

Concen: 63.433 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion: 43 Resp: 198034

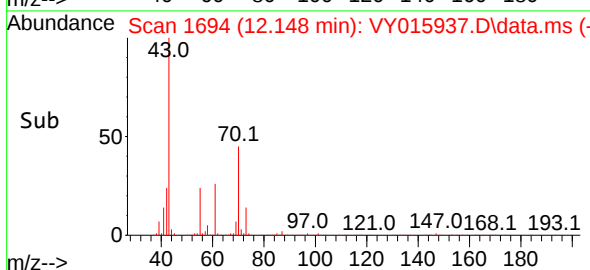
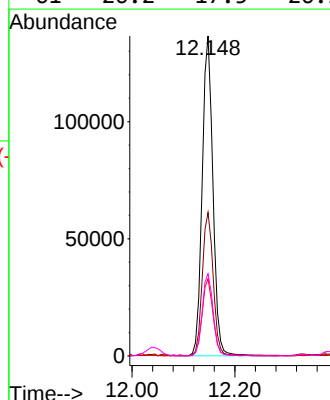
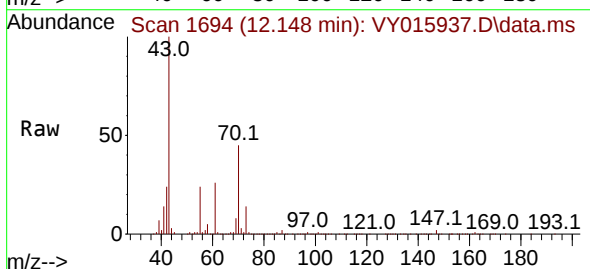
Ion Ratio Lower Upper

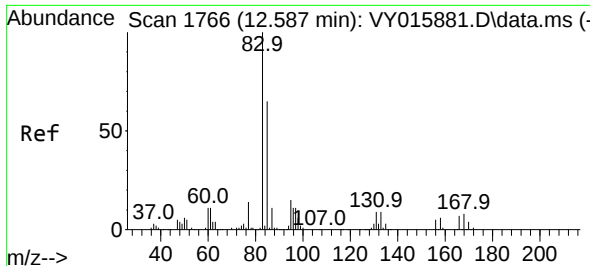
43 100

70 44.9 29.7 44.5

55 24.6 18.3 27.5

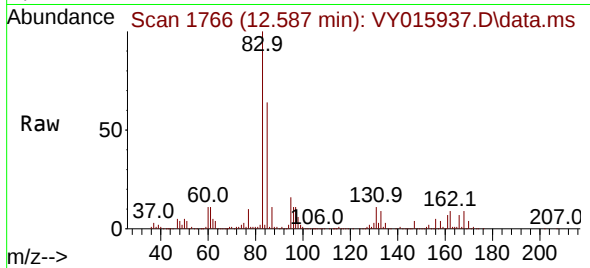
61 26.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 59.008 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

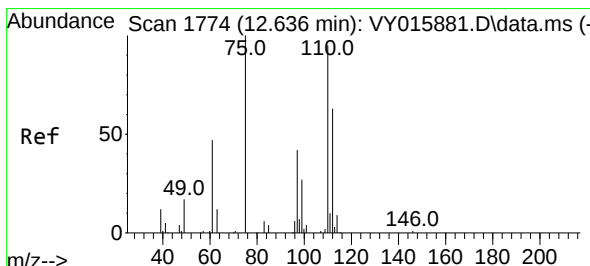
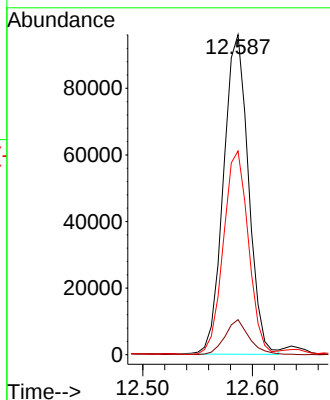
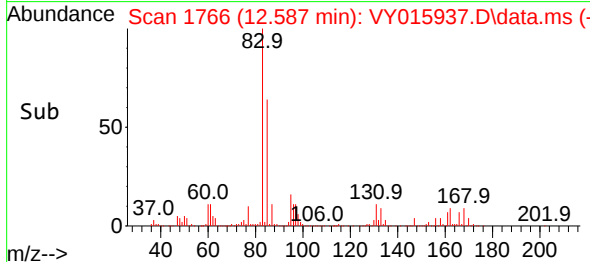
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



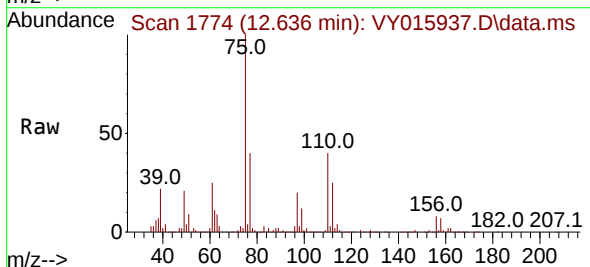
Tgt Ion: 83 Resp: 15157
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.9 31.8 95.4

Manual Integrations
APPROVED

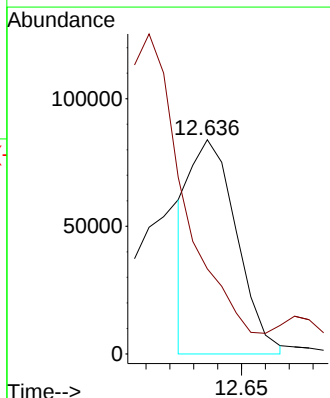
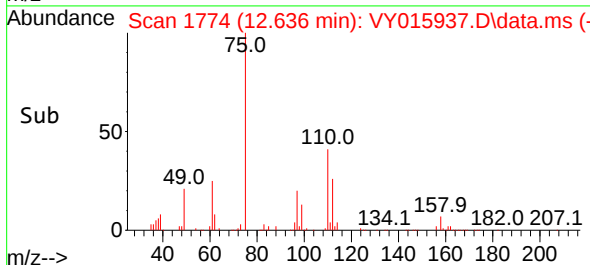
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

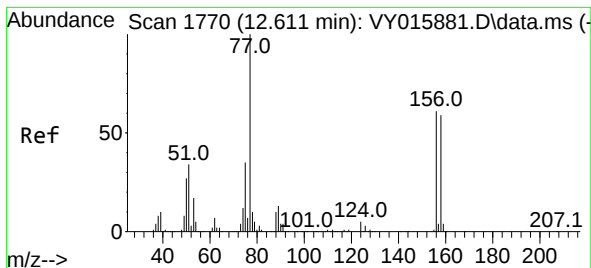


#76
1,2,3-Trichloropropane
Concen: 62.655 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



Tgt Ion: 75 Resp: 114864
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.206 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 119520

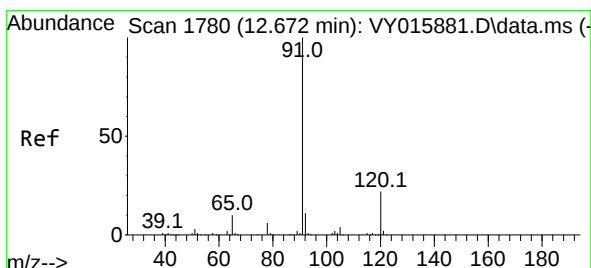
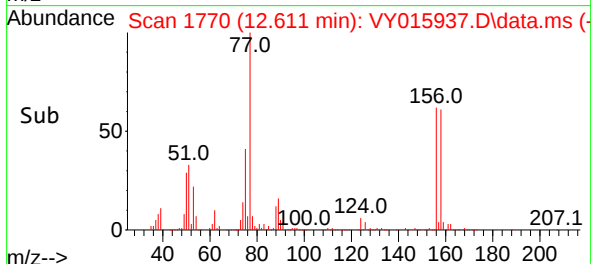
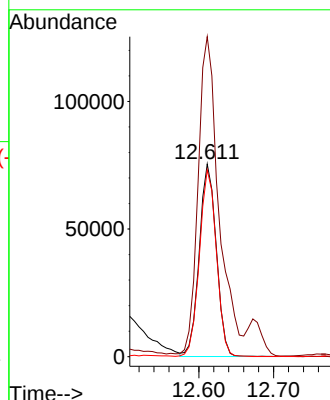
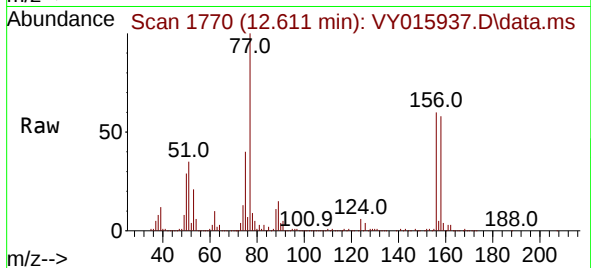
Ion	Ratio	Lower	Upper
156	100		
77	200.1	92.8	278.6
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 46.686 ug/l

RT: 12.672 min Scan# 1780

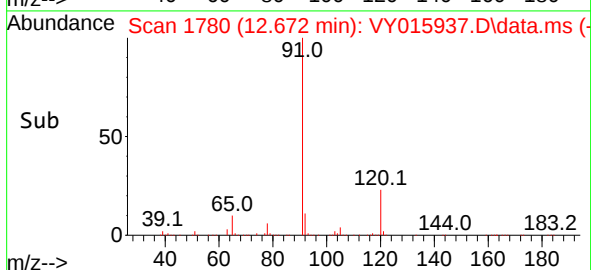
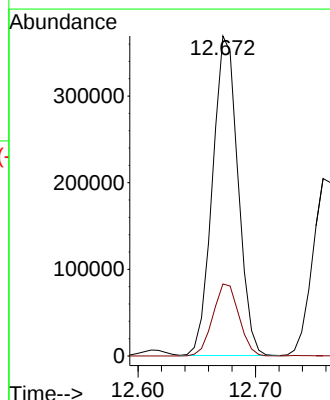
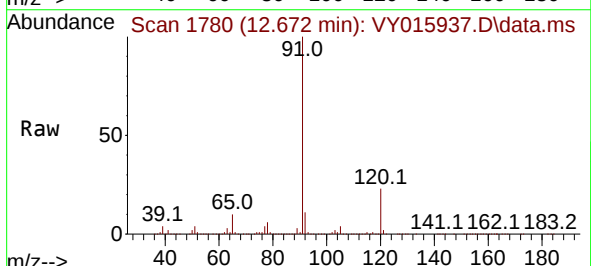
Delta R.T. 0.000 min

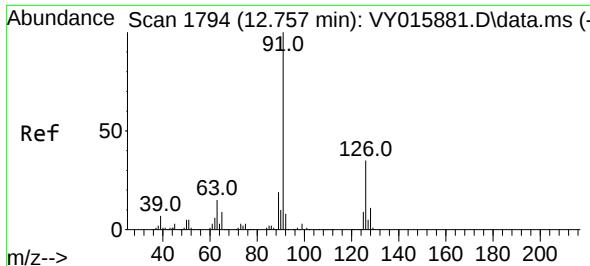
Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion: 91 Resp: 556177

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





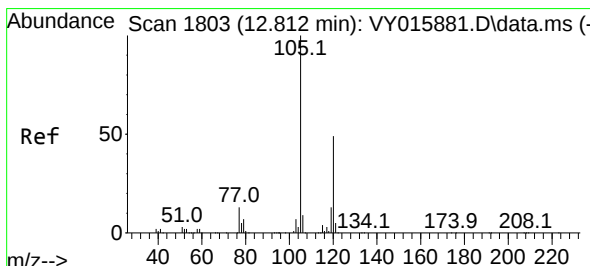
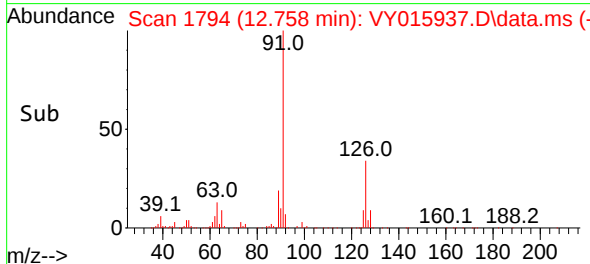
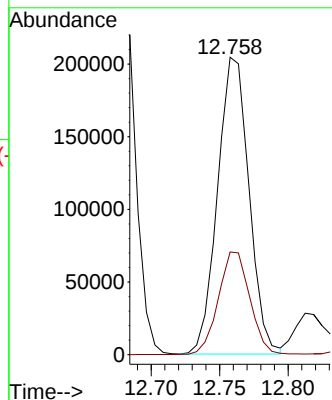
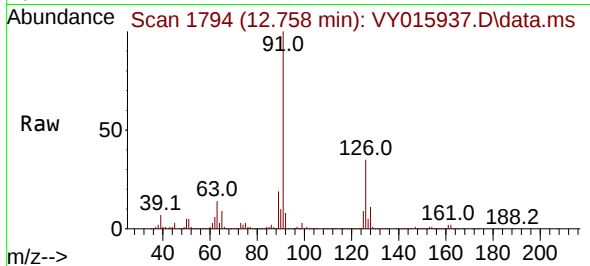
#79
2-Chlorotoluene
Concen: 48.074 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 32623
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7

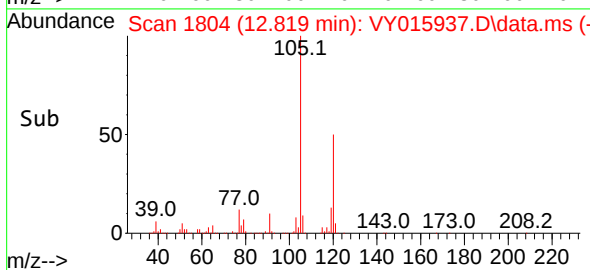
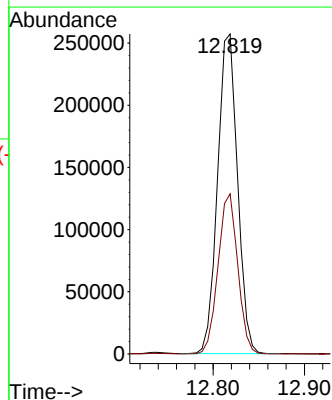
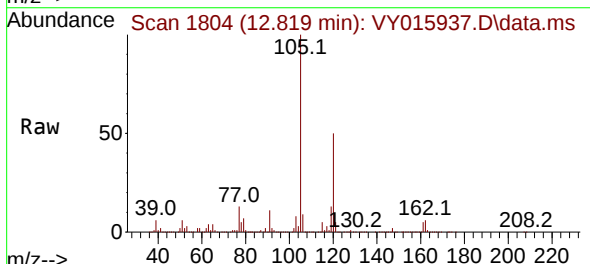
Manual Integrations
APPROVED

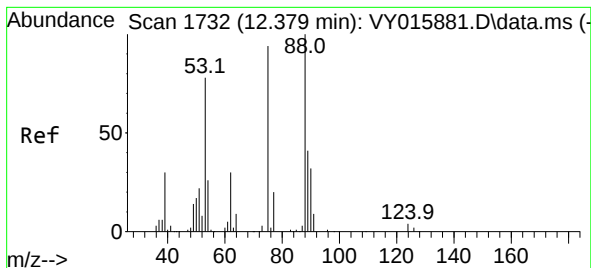
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.793 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

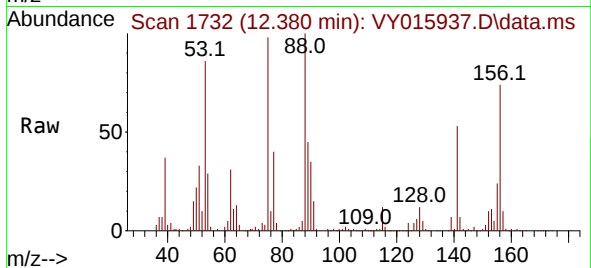
Tgt Ion:105 Resp: 390222
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 60.992 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

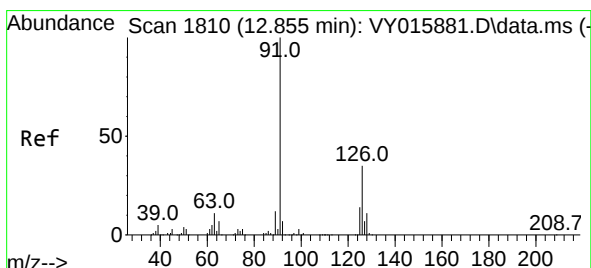
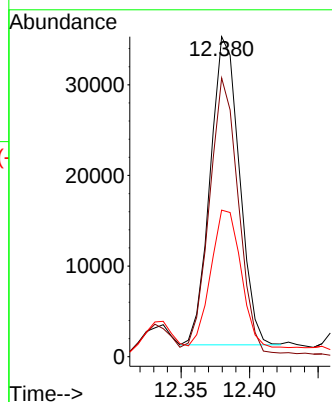
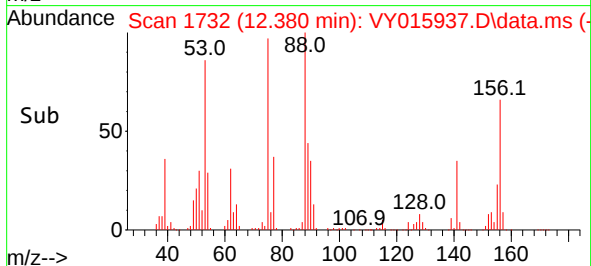
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 50424
Ion Ratio Lower Upper
75 100
53 91.9 77.8 116.8
89 48.9 37.4 56.0

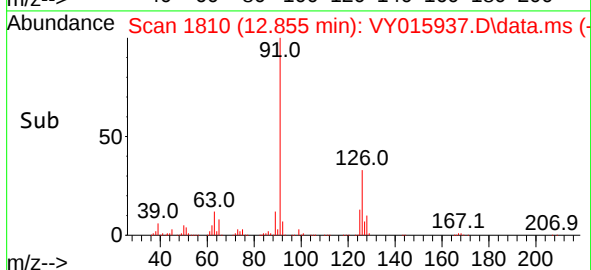
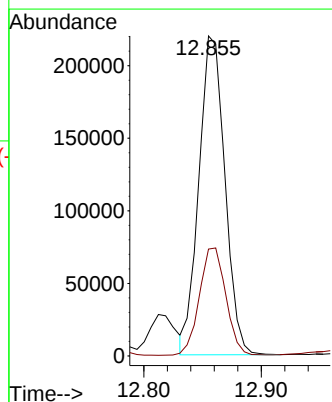
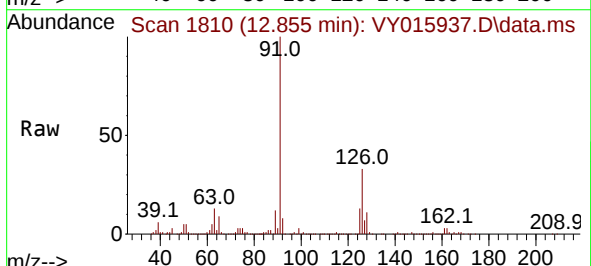
Manual Integrations
APPROVED

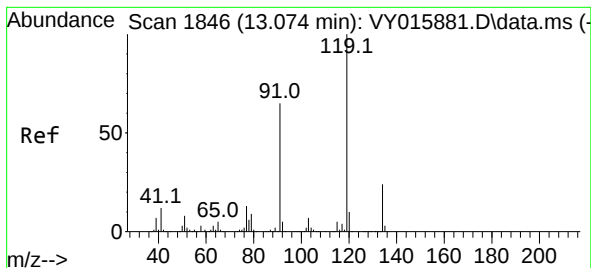
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 47.917 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 91 Resp: 338855
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





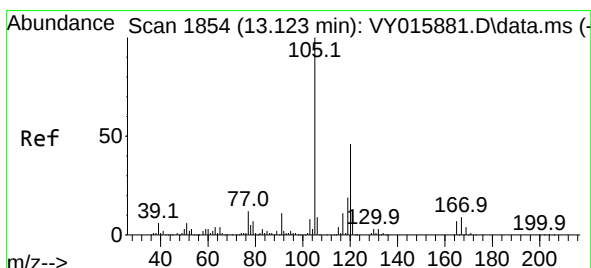
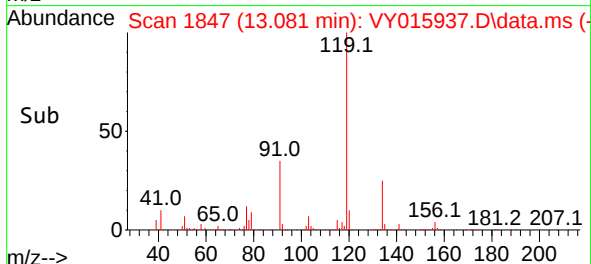
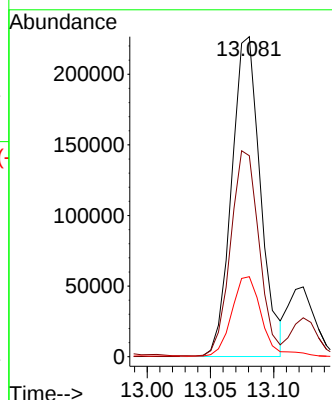
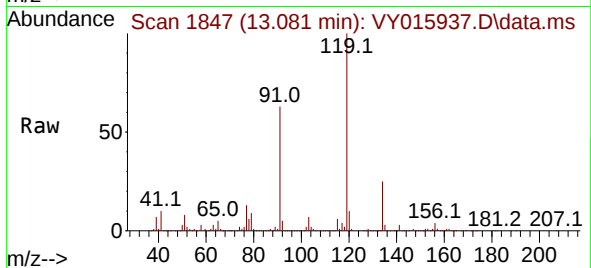
#83
tert-Butylbenzene
Concen: 47.229 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 359870
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.6
134 26.2 13.0 38.9

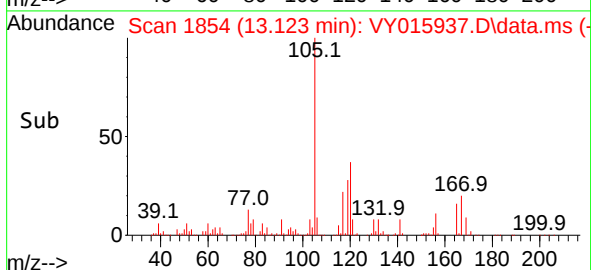
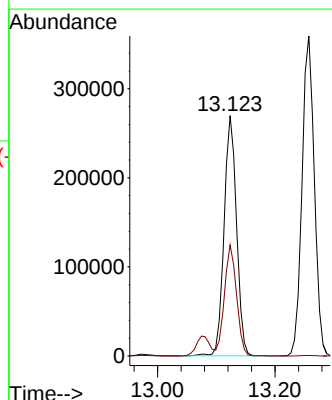
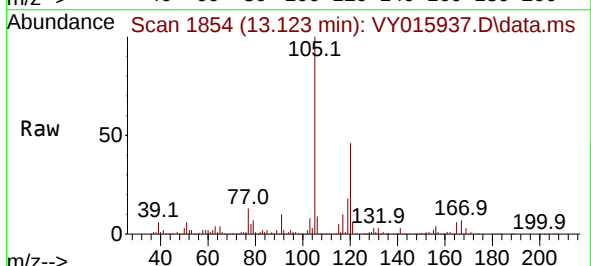
Manual Integrations
APPROVED

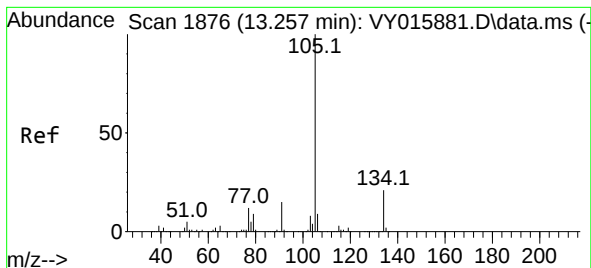
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.264 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion:105 Resp: 396837
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.531 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

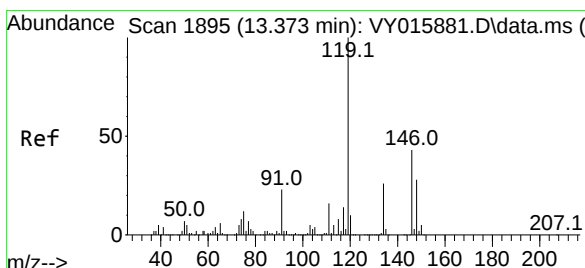
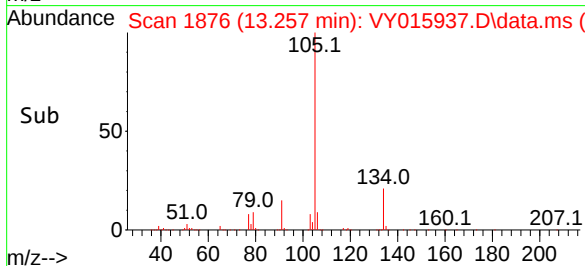
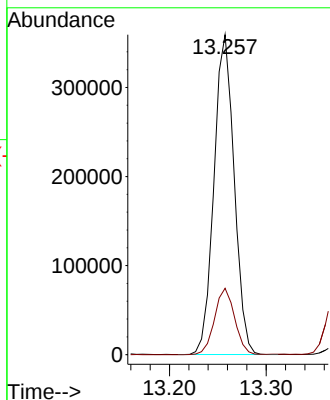
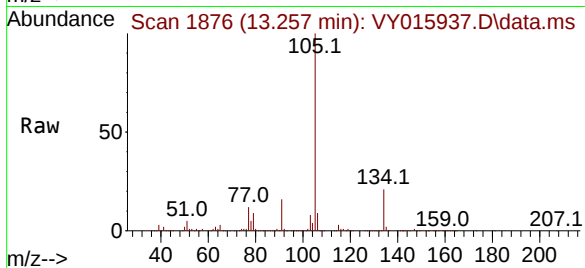
Tgt Ion:105 Resp: 51997
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#86

p-Isopropyltoluene

Concen: 46.585 ug/l

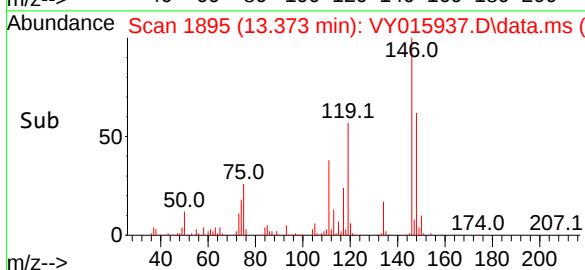
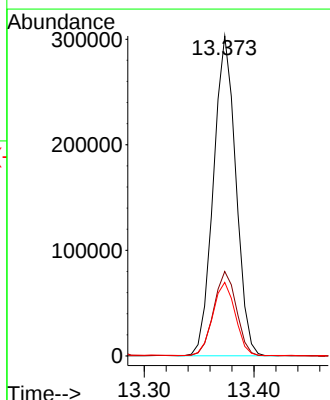
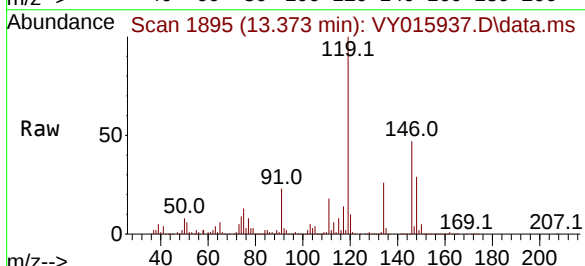
RT: 13.373 min Scan# 1895

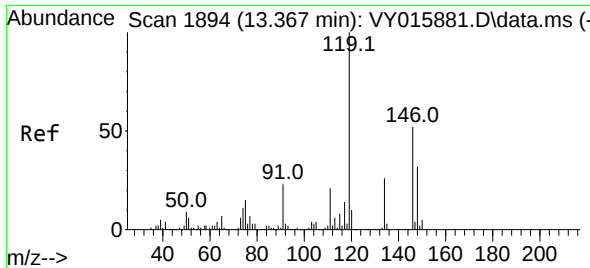
Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

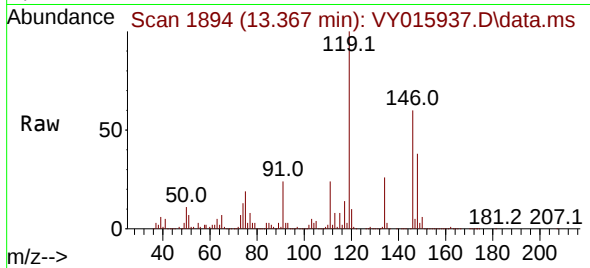
Tgt Ion:119 Resp: 430644
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 47.377 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

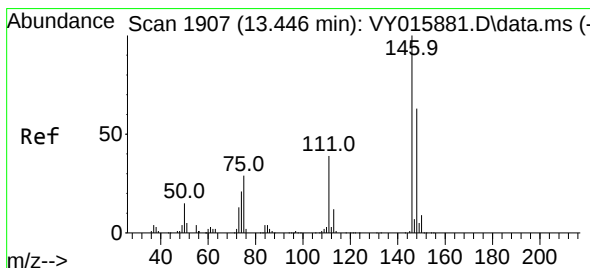
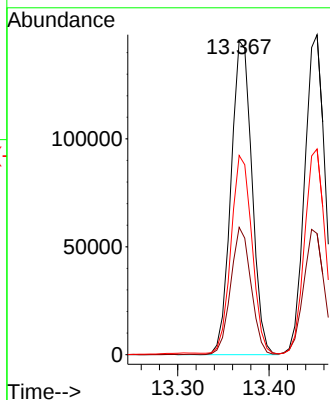
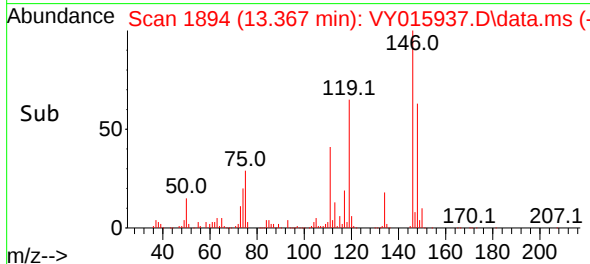
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



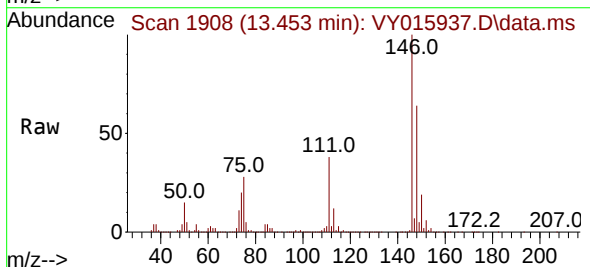
Tgt Ion:146 Resp: 23169
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 63.1 31.9 95.5

Manual Integrations
APPROVED

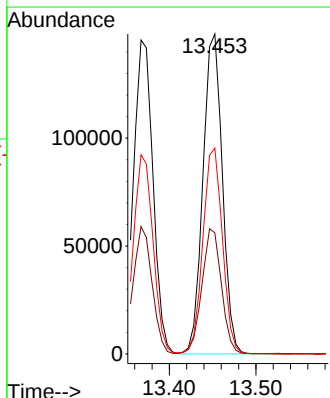
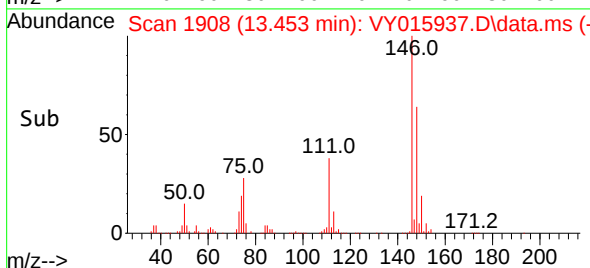
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

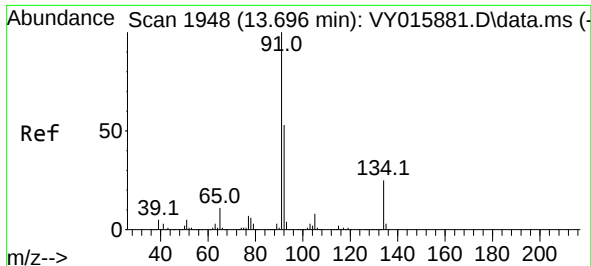


#88
1,4-Dichlorobenzene
Concen: 46.797 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25



Tgt Ion:146 Resp: 230466
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 65.0 32.1 96.5





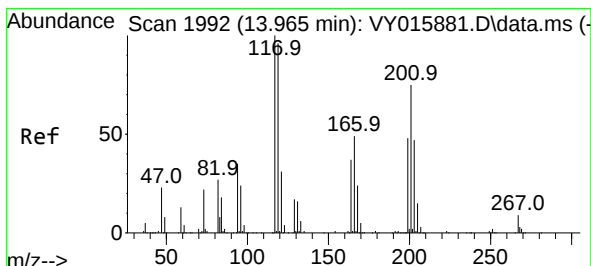
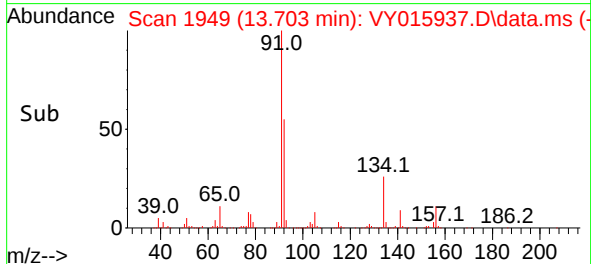
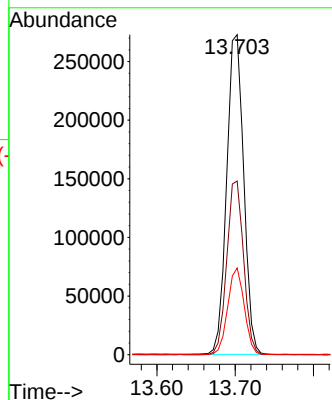
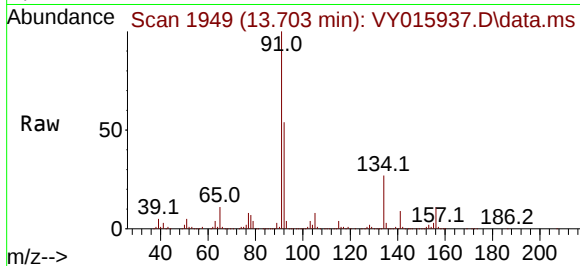
#89
n-Butylbenzene
Concen: 47.047 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 41156
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.4 12.6 37.6

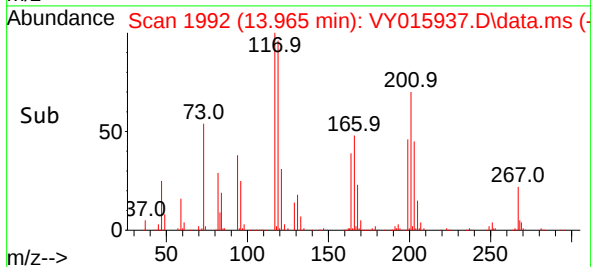
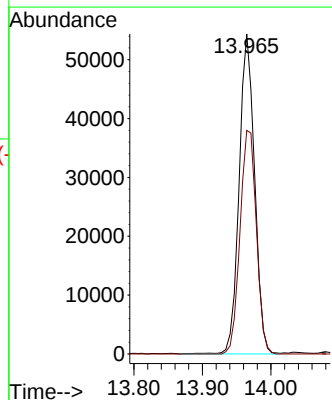
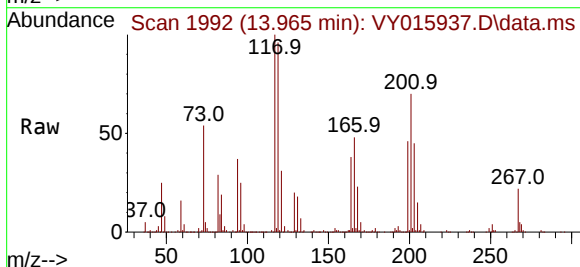
Manual Integrations
APPROVED

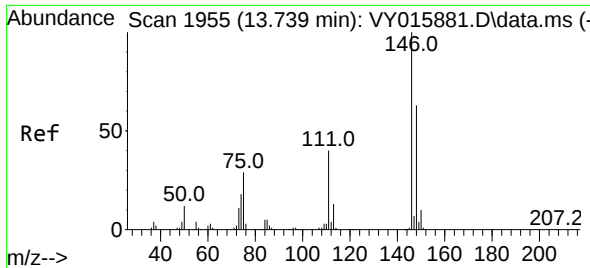
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#90
Hexachloroethane
Concen: 45.978 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion:117 Resp: 85299
Ion Ratio Lower Upper
117 100
201 73.9 41.6 124.8





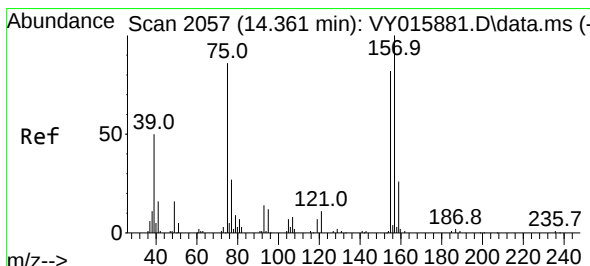
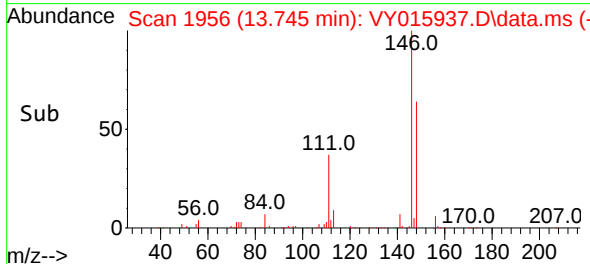
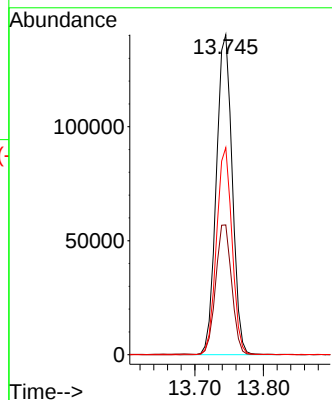
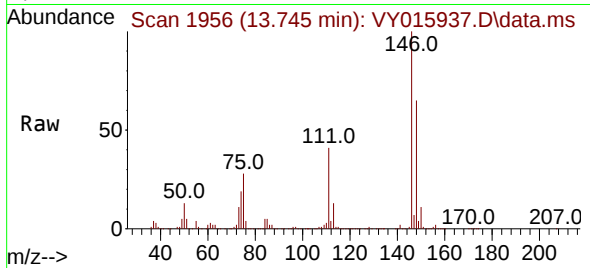
#91
1,2-Dichlorobenzene
Concen: 49.658 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 225730
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.2 32.0 96.2

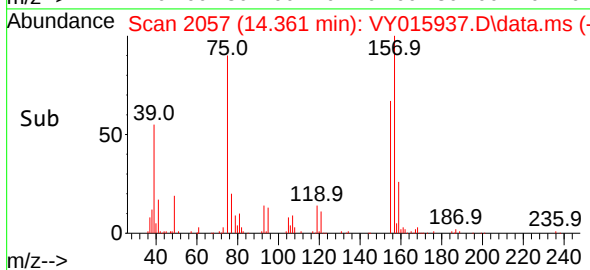
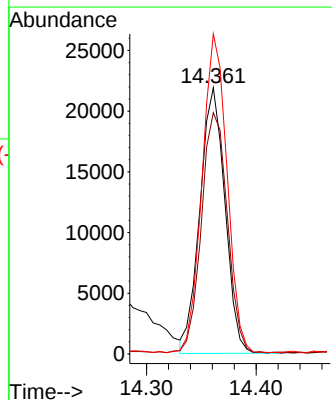
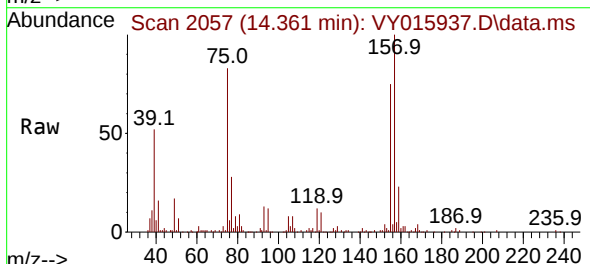
Manual Integrations
APPROVED

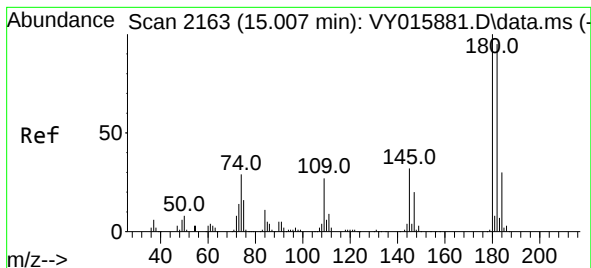
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 76.895 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015937.D
Acq: 11 Oct 2023 20:25

Tgt Ion: 75 Resp: 34688
Ion Ratio Lower Upper
75 100
155 93.5 41.5 124.6
157 119.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.439 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

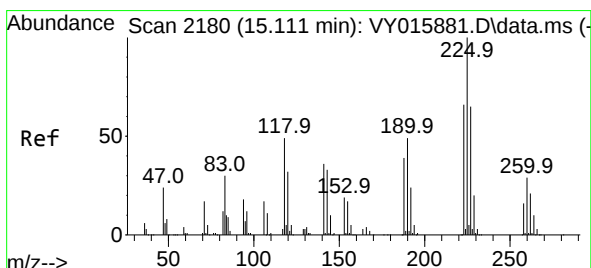
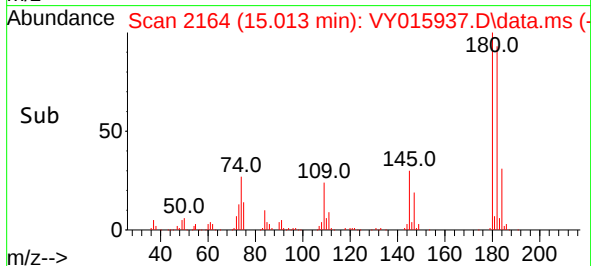
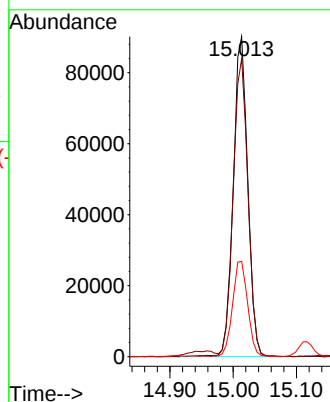
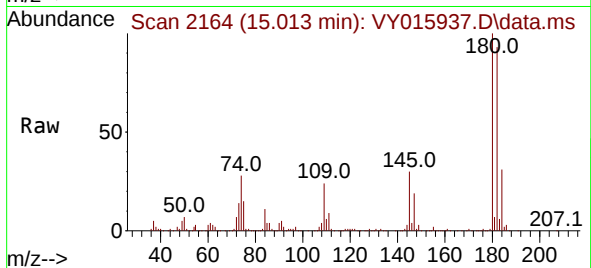
Tgt Ion:180	Resp: 144034
Ion Ratio	Lower Upper
180	100
182	94.7 47.0 141.2
145	30.7 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#94

Hexachlorobutadiene

Concen: 44.821 ug/l

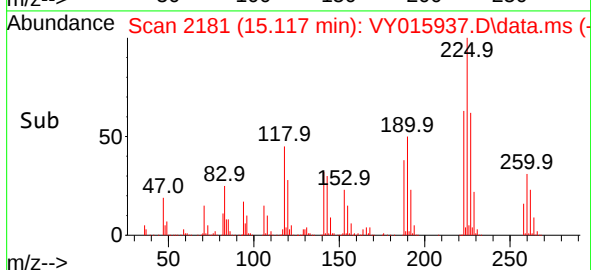
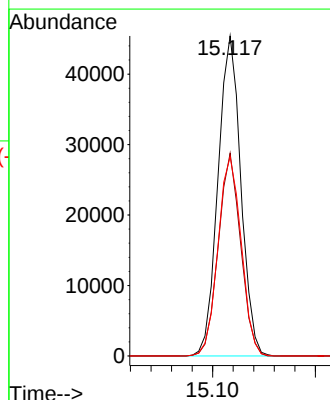
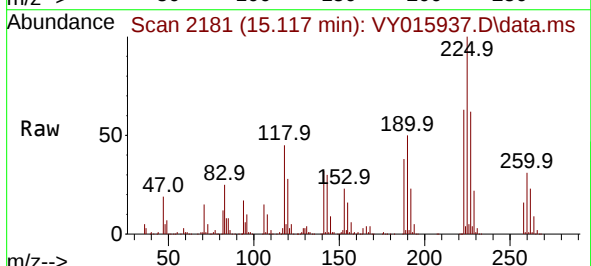
RT: 15.117 min Scan# 2181

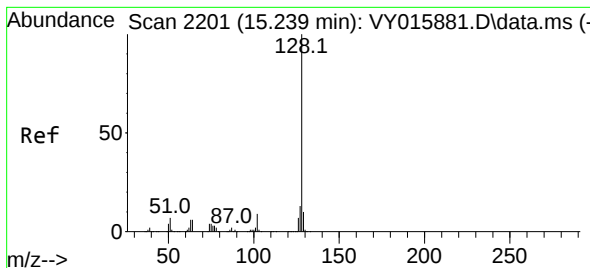
Delta R.T. 0.006 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion:225	Resp: 69924
Ion Ratio	Lower Upper
225	100
223	62.0 31.9 95.9
227	63.4 33.0 98.9





#95

Naphthalene

Concen: 68.469 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 461464

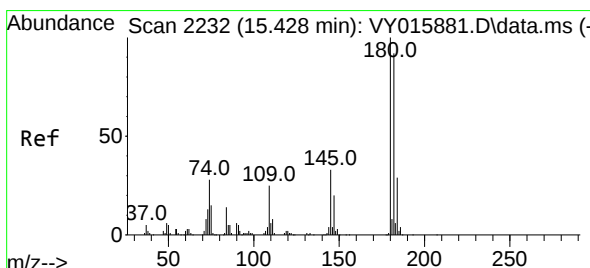
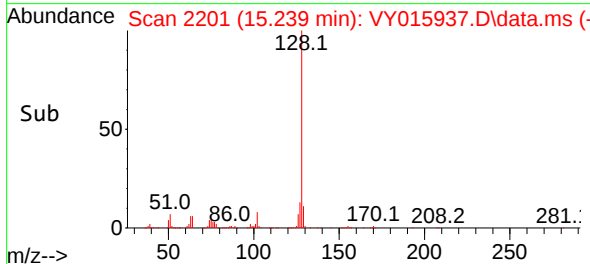
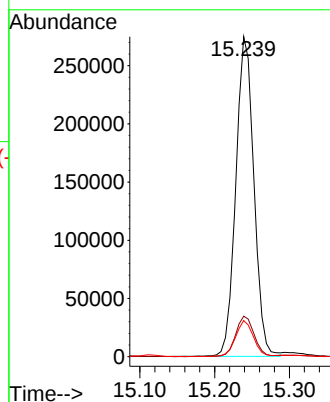
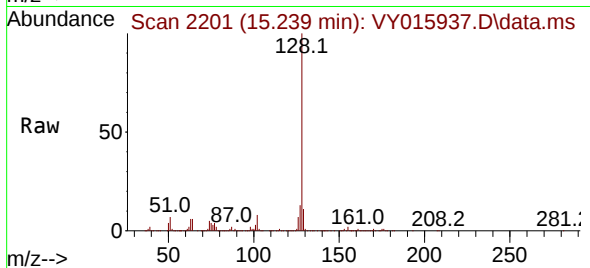
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.848 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015937.D

Acq: 11 Oct 2023 20:25

Tgt Ion:180 Resp: 136957

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.8
145	32.0	15.4	46.2

