

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014608.D
 Acq On : 10 Jul 2023 10:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 03:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	328294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	465408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	234753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163294	50.001	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane	7.716	113	160416	55.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.940%			
50) Toluene-d8	10.179	98	610594	53.893	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.483	95	211039	53.643	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124805	53.389	ug/l	98
3) Chloromethane	2.113	50	192326	50.584	ug/l	97
4) Vinyl Chloride	2.247	62	230414	52.576	ug/l	99
5) Bromomethane	2.637	94	167693	49.346	ug/l	97
6) Chloroethane	2.784	64	146455	51.900	ug/l	96
7) Trichlorofluoromethane	3.119	101	269616	50.655	ug/l	100
8) Diethyl Ether	3.527	74	97322	48.290	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	164165	51.648	ug/l	98
10) Methyl Iodide	4.088	142	193592	53.373	ug/l	91
11) Tert butyl alcohol	4.948	59	119439	207.818	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	156459	50.811	ug/l	87
13) Acrolein	3.723	56	104236	240.616	ug/l	99
14) Allyl chloride	4.472	41	217990	46.969	ug/l #	87
15) Acrylonitrile	5.155	53	268422	232.008	ug/l	99
16) Acetone	3.942	43	344695	337.974	ug/l #	88
17) Carbon Disulfide	4.186	76	455263	48.517	ug/l	97
18) Methyl Acetate	4.472	43	205353	44.232	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	428787	48.451	ug/l	100
20) Methylene Chloride	4.710	84	175932	47.520	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	166749	47.841	ug/l	93
22) Diisopropyl ether	6.112	45	463968	48.515	ug/l	92
23) Vinyl Acetate	6.051	43	1390220	251.261	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	285058	47.481	ug/l	97
25) 2-Butanone	6.978	43	396451	262.528	ug/l	93
26) 2,2-Dichloropropane	6.978	77	253815	49.600	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	190033	48.063	ug/l	92
28) Bromochloromethane	7.326	49	127364	50.522	ug/l	85
29) Tetrahydrofuran	7.344	42	235270	241.535	ug/l #	87
30) Chloroform	7.502	83	301287	48.108	ug/l	96
31) Cyclohexane	7.783	56	235272	45.919	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	257856	48.169	ug/l	97
36) 1,1-Dichloropropene	7.917	75	225764	51.438	ug/l	97
37) Ethyl Acetate	7.070	43	149447	49.651	ug/l #	93
38) Carbon Tetrachloride	7.899	117	240290	52.445	ug/l	99
39) Methylcyclohexane	9.185	83	278971	53.176	ug/l	93
40) Benzene	8.161	78	660300	49.700	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	80733m	54.902	ug/l	
42) 1,2-Dichloroethane	8.234	62	198634	50.866	ug/l	94
43) Isopropyl Acetate	8.271	43	258231	50.624	ug/l #	91
44) Trichloroethene	8.941	130	188696	50.945	ug/l	94
45) 1,2-Dichloropropane	9.216	63	174505	51.200	ug/l	97
46) Dibromomethane	9.307	93	108159	52.127	ug/l	94
47) Bromodichloromethane	9.496	83	236889	51.816	ug/l	98
48) Methyl methacrylate	9.289	41	119719	51.611	ug/l #	80
49) 1,4-Dioxane	9.295	88	35797	966.150	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	769827	254.920	ug/l	89
52) Toluene	10.240	92	421474	50.412	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	252750	51.699	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	281689	51.642	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	155754	51.588	ug/l	98
56) Ethyl methacrylate	10.508	69	215643	52.506	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	251062	51.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	541720	272.271	ug/l	96
59) 2-Hexanone	10.831	43	595289	272.888	ug/l	87
60) Dibromochloromethane	10.983	129	186958	52.847	ug/l	100
61) 1,2-Dibromoethane	11.087	107	152952	51.891	ug/l	100
64) Tetrachloroethene	10.721	164	195637	50.614	ug/l	95
65) Chlorobenzene	11.514	112	469374	50.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	182231	52.032	ug/l	97
67) Ethyl Benzene	11.593	91	808872	51.475	ug/l	98
68) m/p-Xylenes	11.703	106	646097	103.655	ug/l	94
69) o-Xylene	12.032	106	304495	51.506	ug/l	96
70) Styrene	12.044	104	532027	52.307	ug/l	96
71) Bromoform	12.209	173	141680	53.248	ug/l #	99
73) Isopropylbenzene	12.331	105	801969	52.162	ug/l	99
74) N-amyl acetate	12.142	43	237056	51.087	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	202347	51.286	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	153505m	55.724	ug/l	
77) Bromobenzene	12.611	156	213981	50.957	ug/l	95
78) n-propylbenzene	12.672	91	980560	52.284	ug/l	98
79) 2-Chlorotoluene	12.758	91	555644	51.481	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	681442	52.356	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	72842	51.468	ug/l	88
82) 4-Chlorotoluene	12.855	91	582992	51.559	ug/l	96
83) tert-Butylbenzene	13.075	119	584838	51.127	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	676277	52.069	ug/l	97
85) sec-Butylbenzene	13.251	105	889596	52.702	ug/l	99
86) p-Isopropyltoluene	13.373	119	749521	52.764	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	421963	51.393	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	415106	50.448	ug/l	99
89) n-Butylbenzene	13.696	91	704524	53.667	ug/l	98
90) Hexachloroethane	13.965	117	148820	52.889	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	383037	51.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35682	49.398	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	258005	53.711	ug/l	99
94) Hexachlorobutadiene	15.111	225	164513	55.724	ug/l	98
95) Naphthalene	15.239	128	531973	52.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	236412	54.015	ug/l	98

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

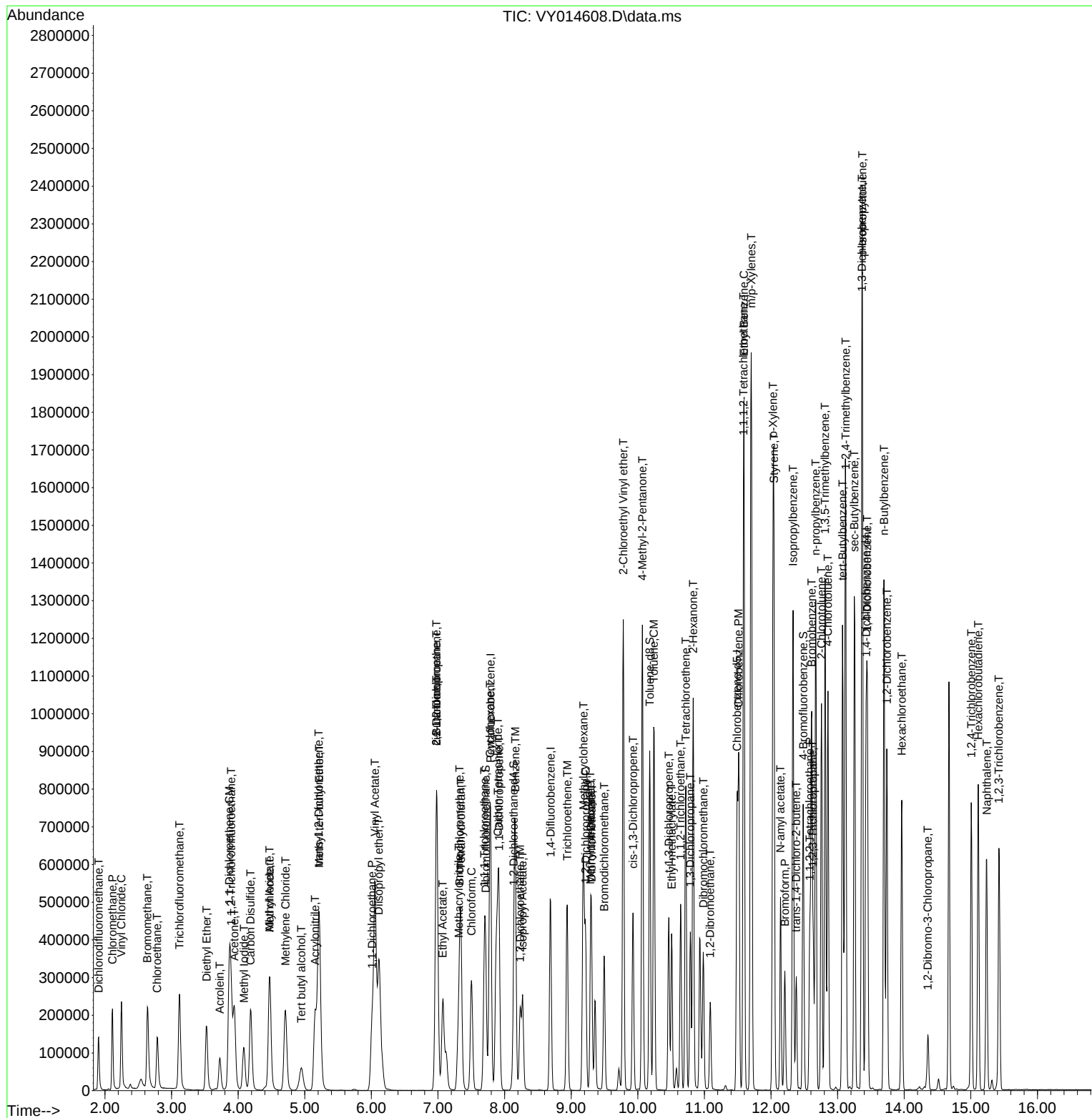
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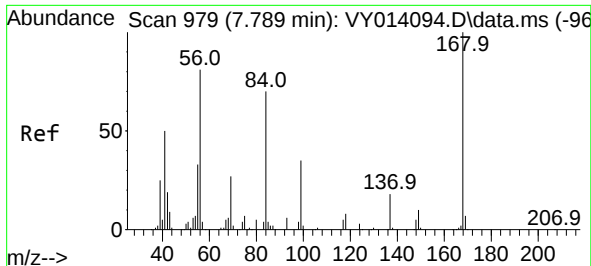
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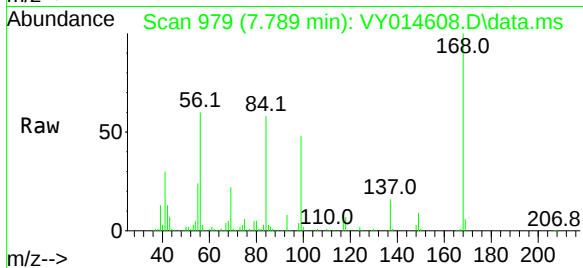
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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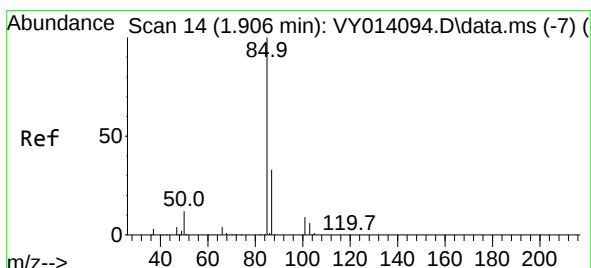
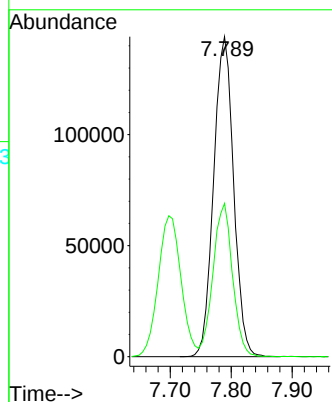
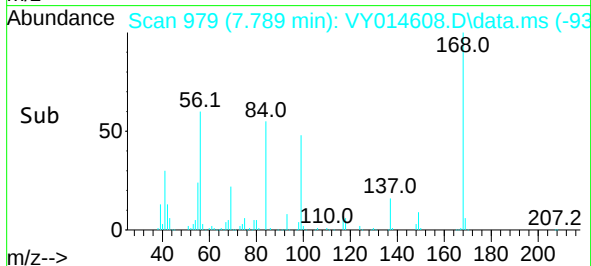
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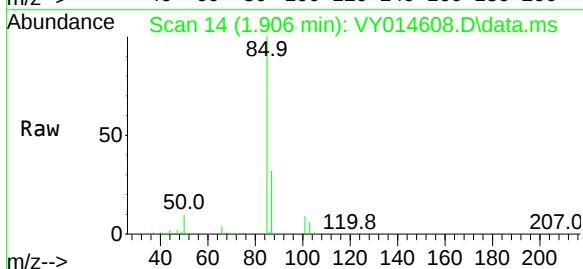
Tgt Ion:168 Resp: 328294
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.0

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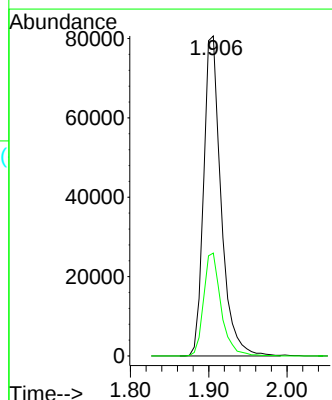
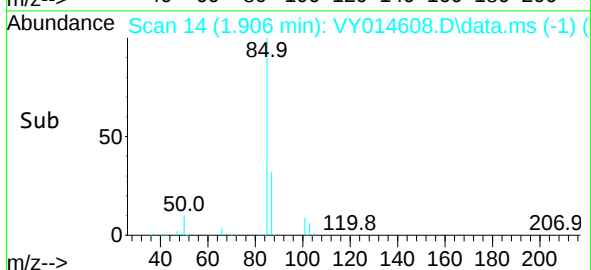
Reviewed By :John Carlone 07/11/2023
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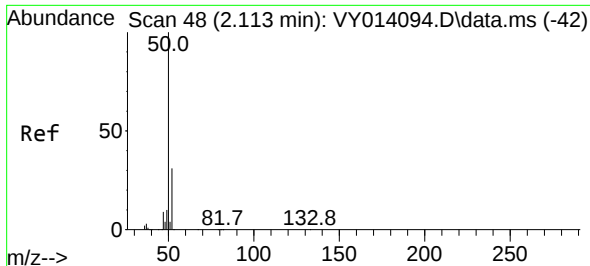


#2
Dichlorodifluoromethane
Concen: 53.389 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



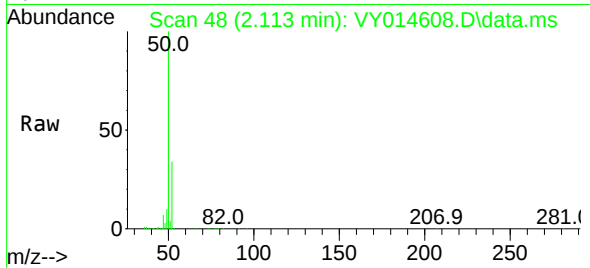
Tgt Ion: 85 Resp: 124805
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3
Chloromethane
Concen: 50.584 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

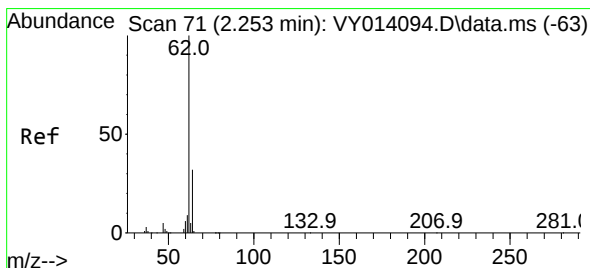
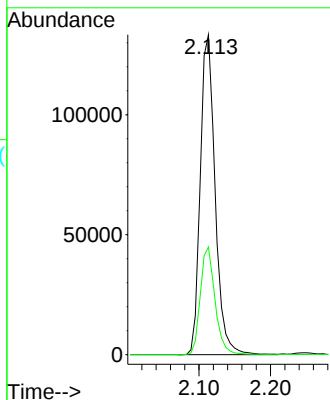
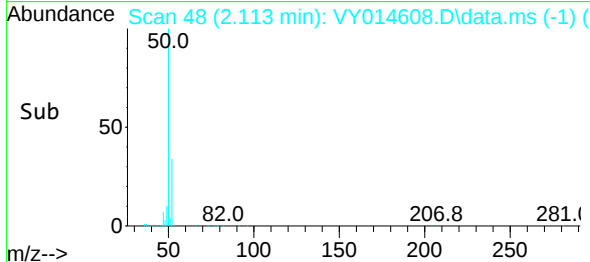
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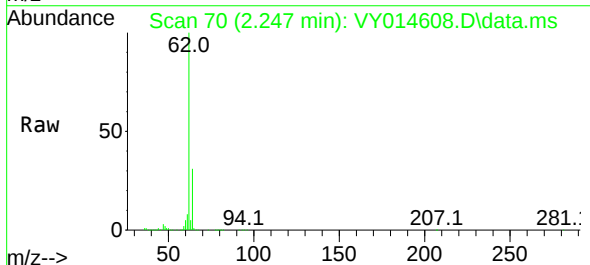
Tgt Ion: 50 Resp: 192320
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

Manual Integrations
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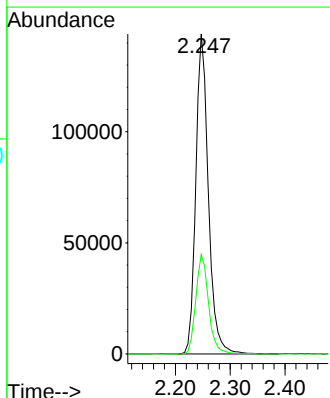
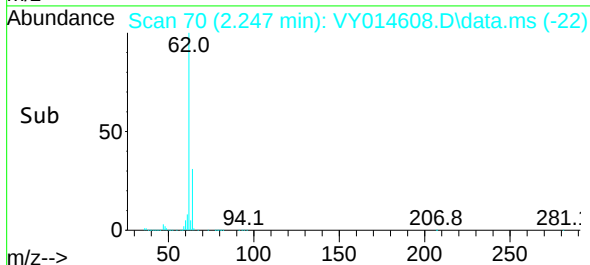
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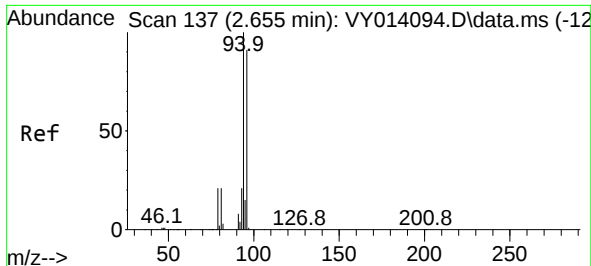


#4
Vinyl Chloride
Concen: 52.576 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



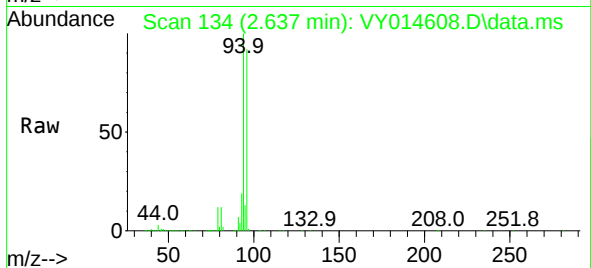
Tgt Ion: 62 Resp: 230414
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5





#5
Bromomethane
Concen: 49.346 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

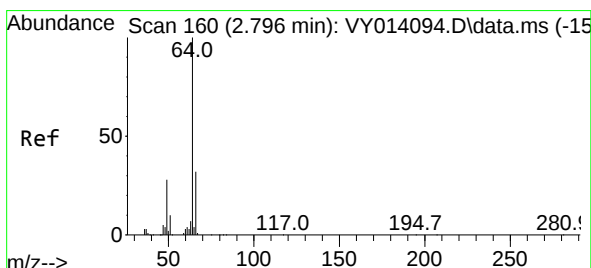
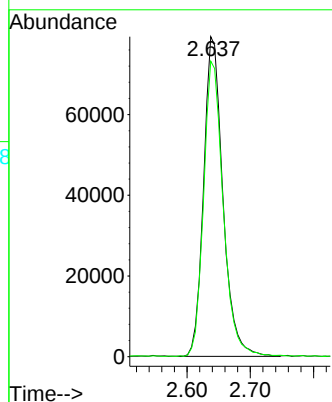
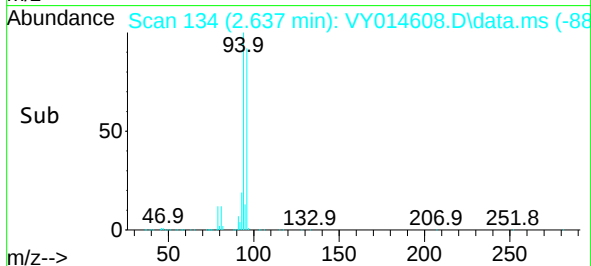
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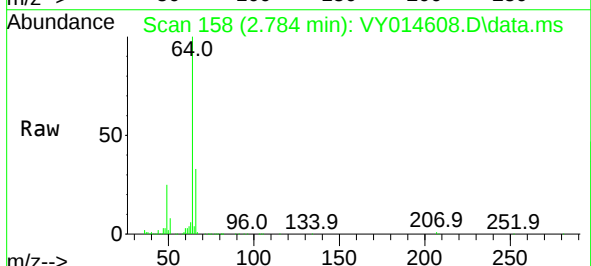
Tgt Ion: 94 Resp: 16769
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6

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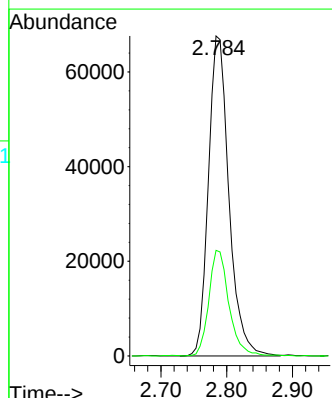
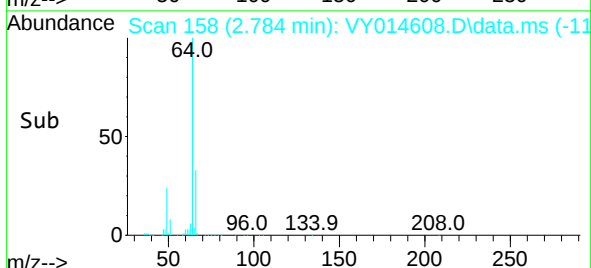
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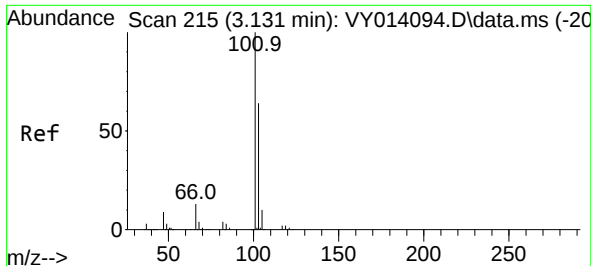


#6
Chloroethane
Concen: 51.900 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014608.D
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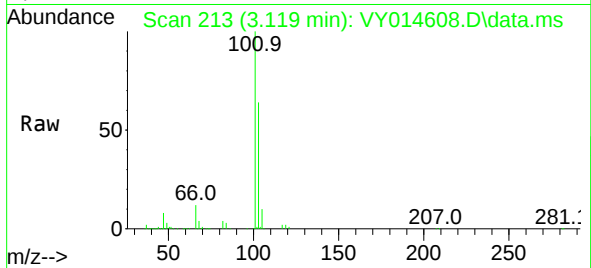
Tgt Ion: 64 Resp: 146455
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 50.655 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01

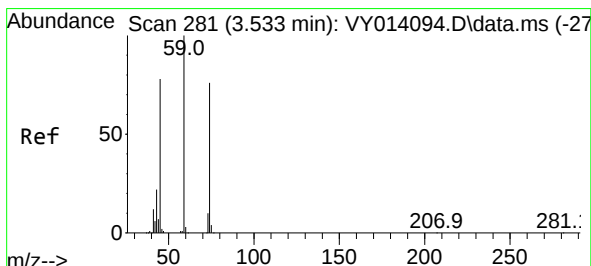
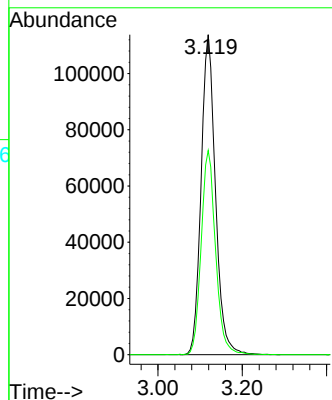
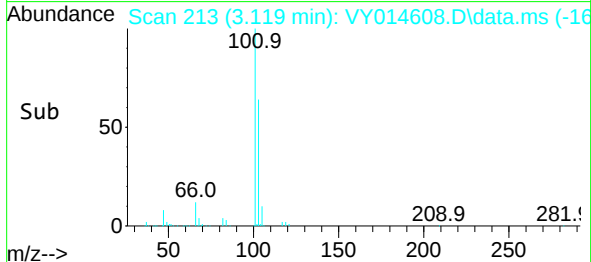
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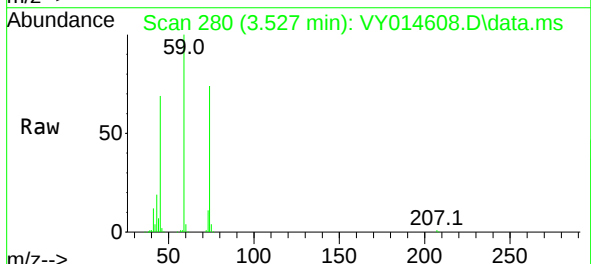
Tgt Ion:101 Resp: 269610
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0

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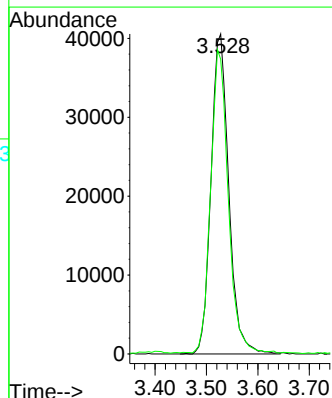
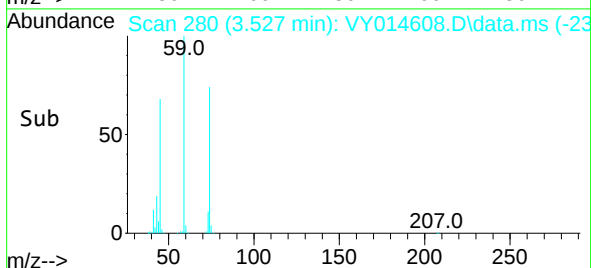
Reviewed By :John Carlone 07/11/2023
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#8
 Diethyl Ether
 Concen: 48.290 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014608.D
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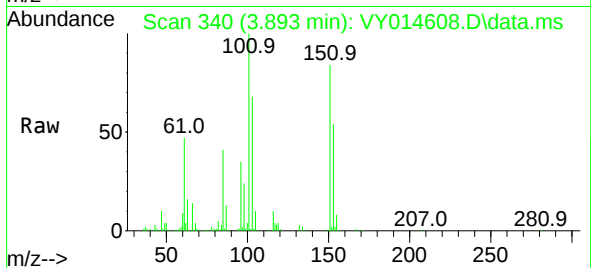
Tgt Ion: 74 Resp: 97322
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.648 ug/l
RT: 3.893 min Scan# 342
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

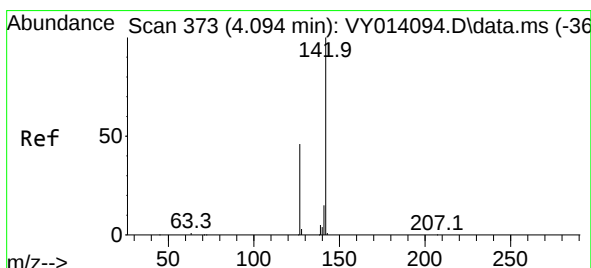
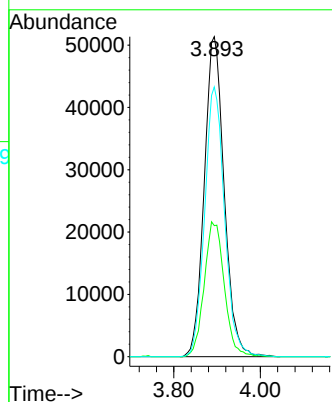
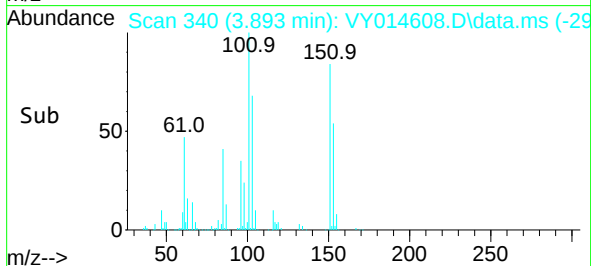
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 16416
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 84.4 67.0 100.6

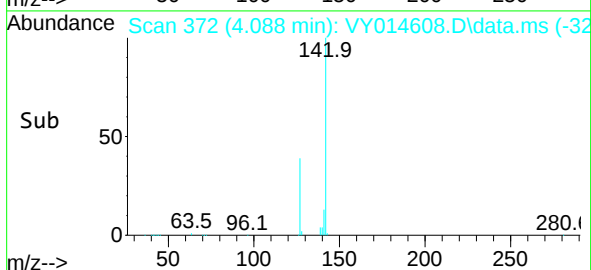
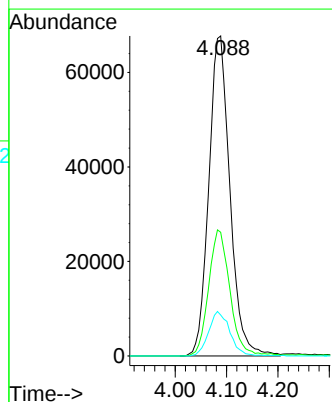
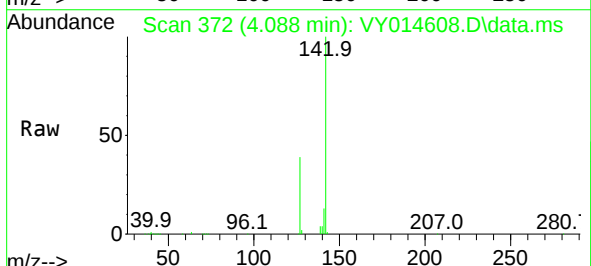
Manual Integrations
APPROVED

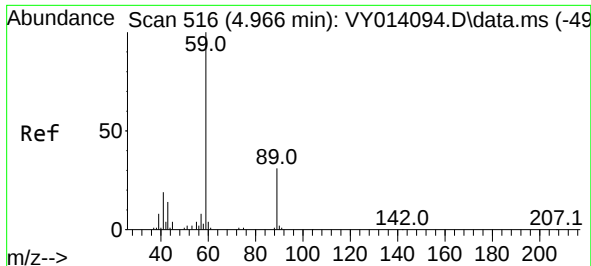
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 53.373 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

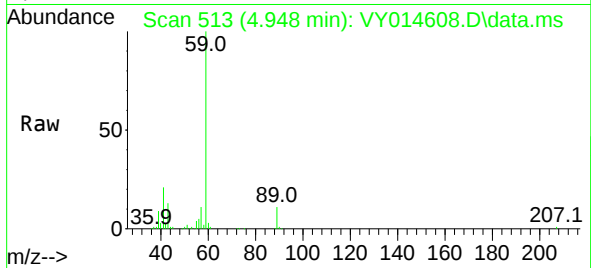
Tgt Ion:142 Resp: 193592
Ion Ratio Lower Upper
142 100
127 39.9 37.6 56.4
141 13.9 11.8 17.8





#11
Tert butyl alcohol
Concen: 207.818 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

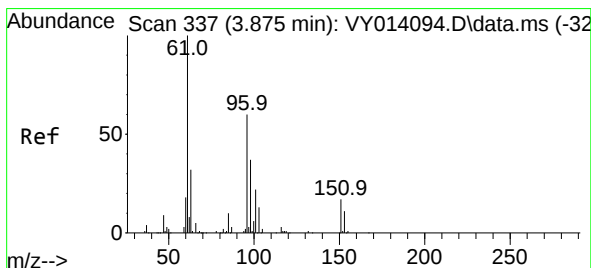
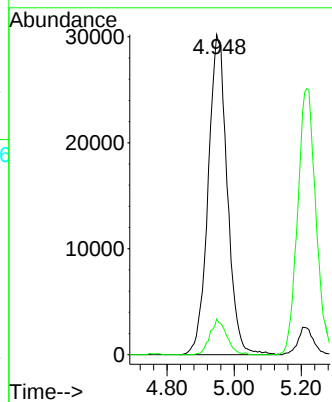
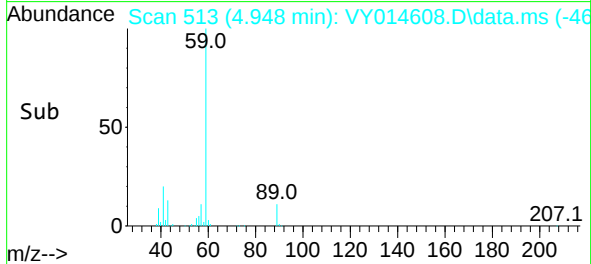
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 119439
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

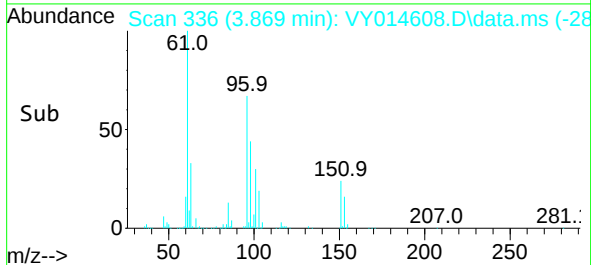
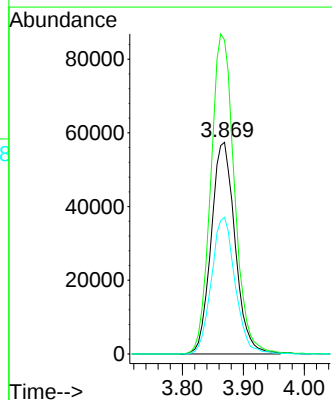
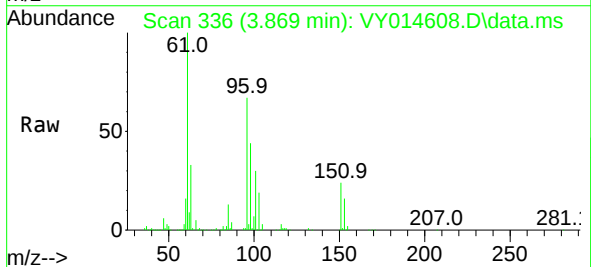
Manual Integrations
APPROVED

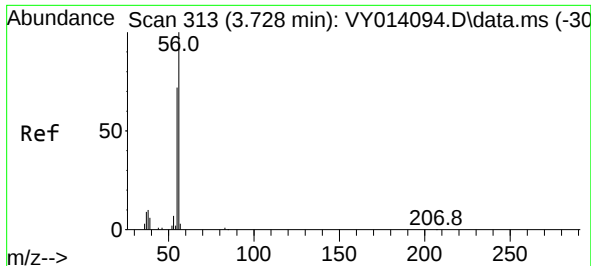
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1-Dichloroethene
Concen: 50.811 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

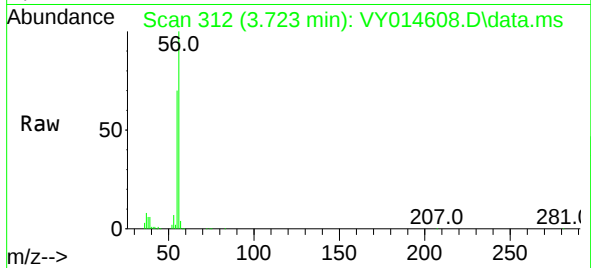
Tgt Ion: 96 Resp: 156459
Ion Ratio Lower Upper
96 100
61 148.3 136.4 204.6
98 64.6 49.4 74.2





#13
Acrolein
Concen: 240.616 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

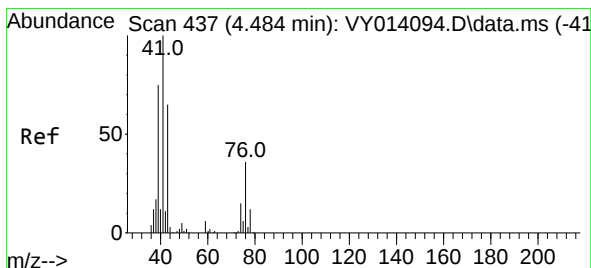
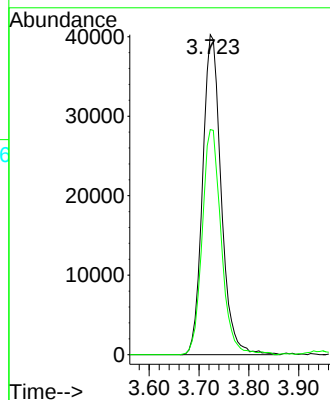
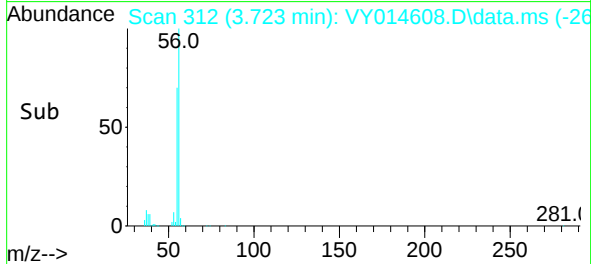
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 104230
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.4

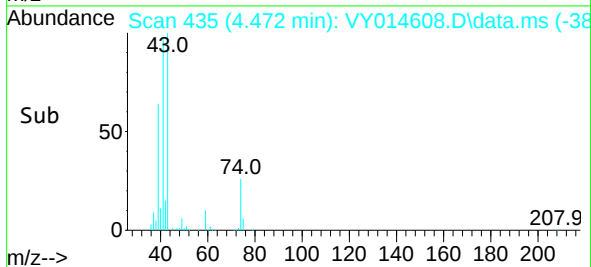
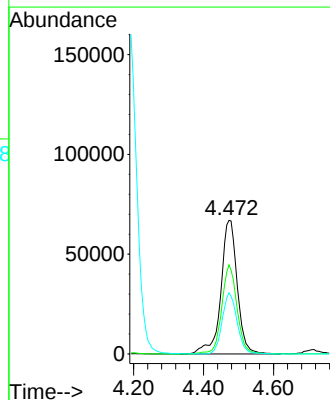
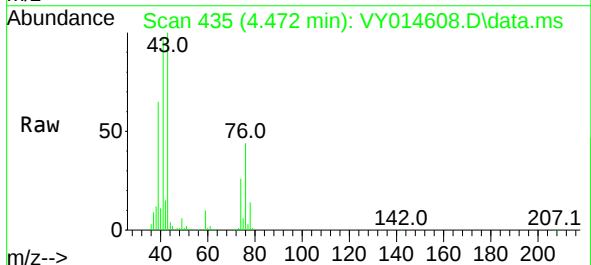
Manual Integrations
APPROVED

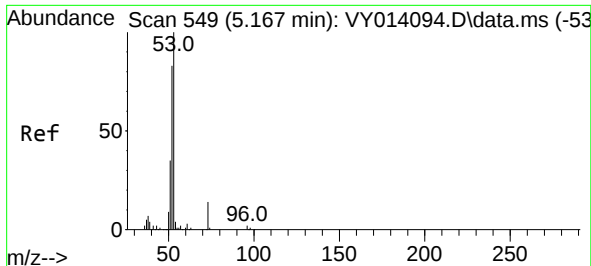
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#14
Allyl chloride
Concen: 46.969 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

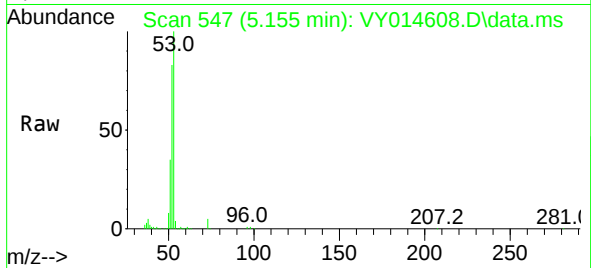
Tgt Ion: 41 Resp: 217990
Ion Ratio Lower Upper
41 100
39 61.7 58.0 87.0
76 41.2 27.4 41.2#





#15
Acrylonitrile
Concen: 232.008 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

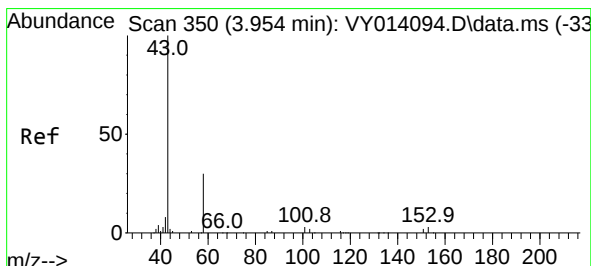
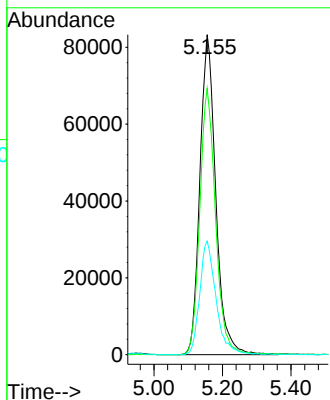
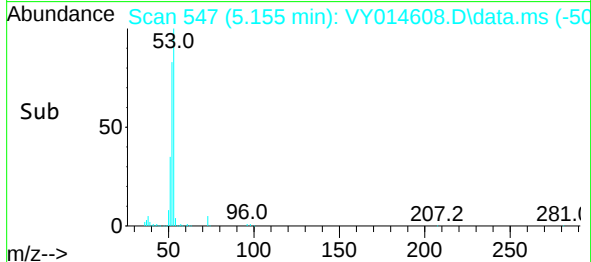
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



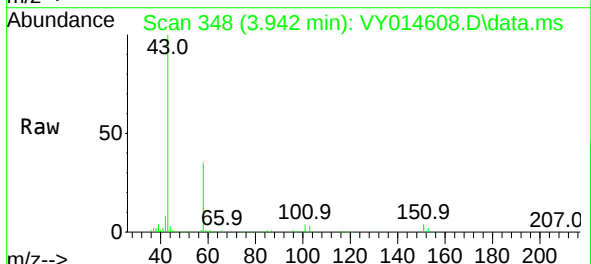
Tgt Ion: 53 Resp: 26842
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
APPROVED

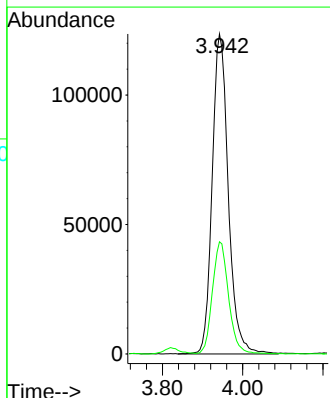
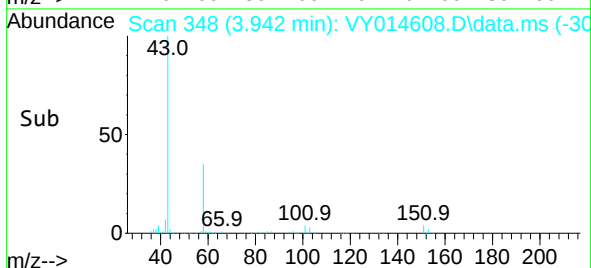
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

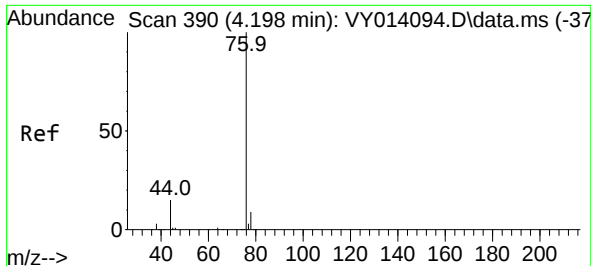


#16
Acetone
Concen: 337.974 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



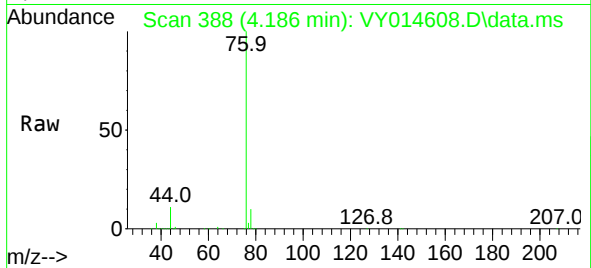
Tgt Ion: 43 Resp: 344695
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#





#17
Carbon Disulfide
Concen: 48.517 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

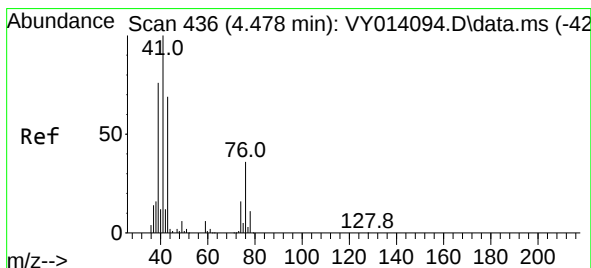
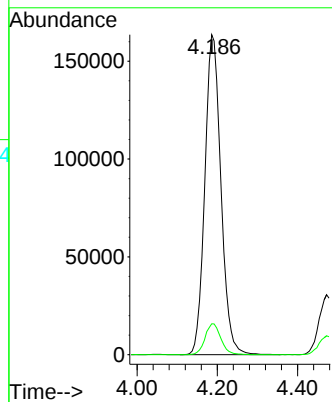
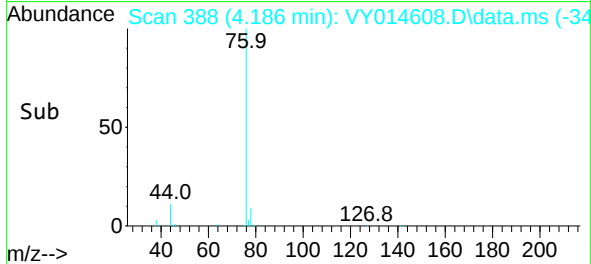
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



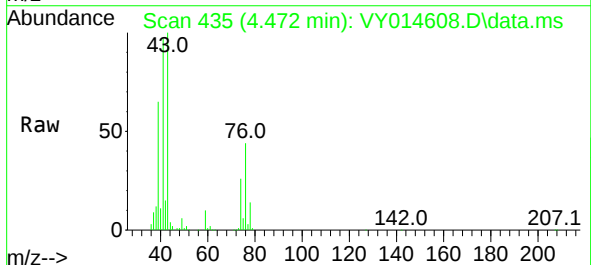
Tgt Ion: 76 Resp: 45526
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

Manual Integrations
APPROVED

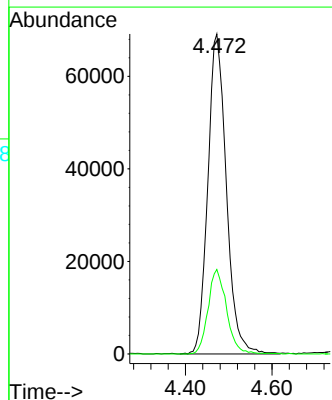
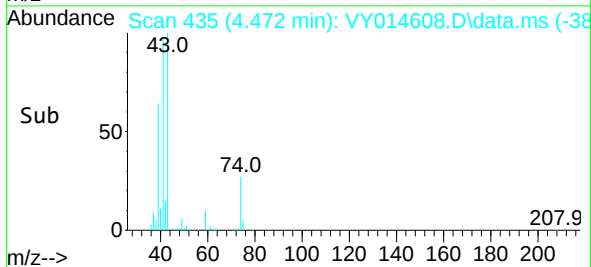
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 44.232 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



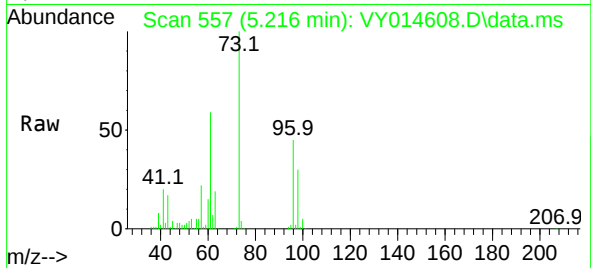
Tgt Ion: 43 Resp: 205353
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 48.451 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

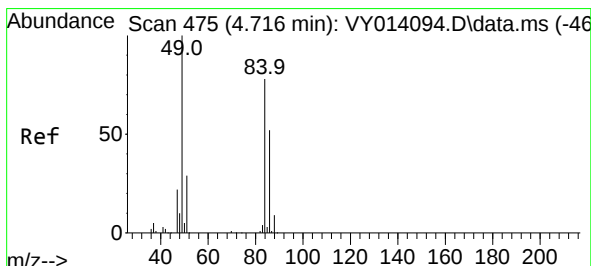
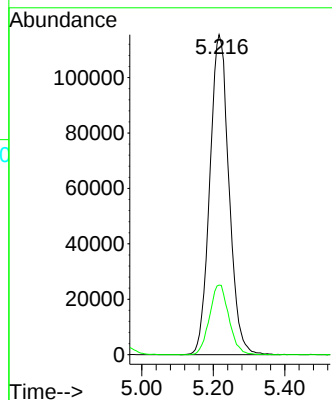
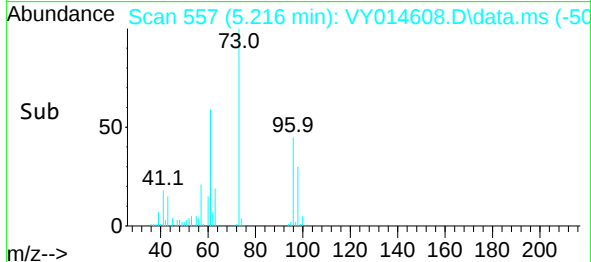
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 42878
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

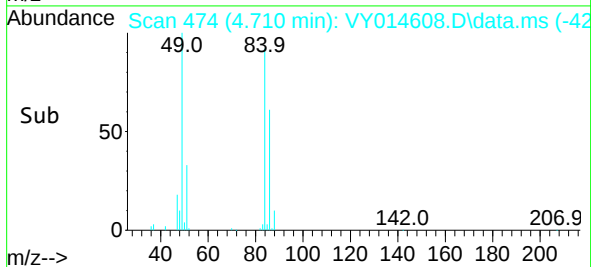
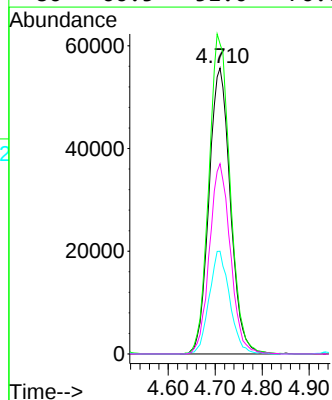
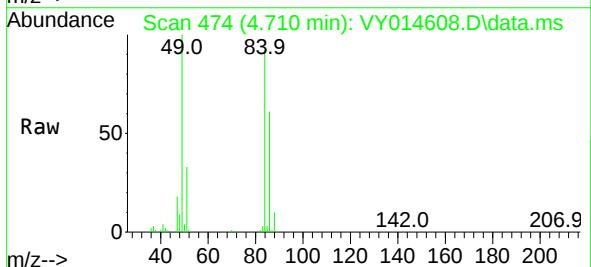
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 47.520 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

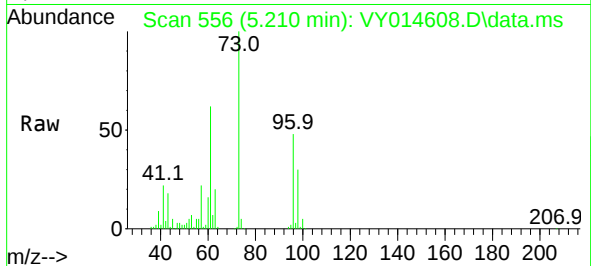
Tgt Ion: 84 Resp: 175932
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 35.9 33.2 49.8
86 66.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.841 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

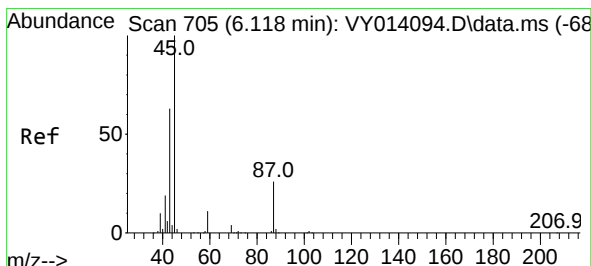
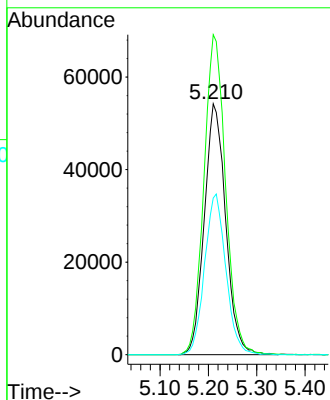
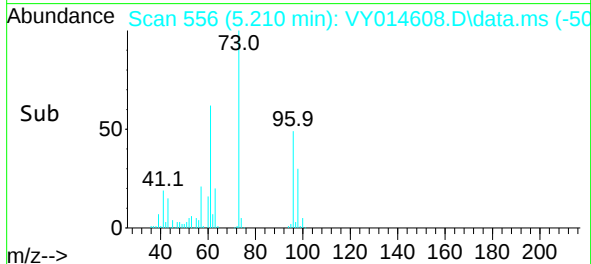
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



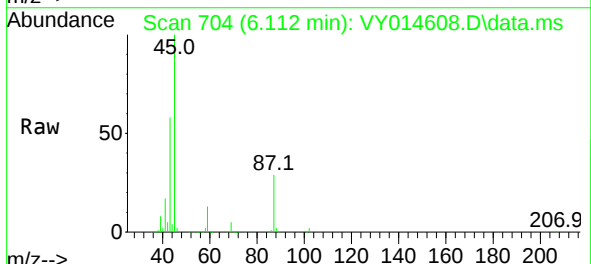
Tgt Ion: 96 Resp: 166749
Ion Ratio Lower Upper
96 100
61 127.4 110.2 165.4
98 62.4 51.8 77.6

Manual Integrations
APPROVED

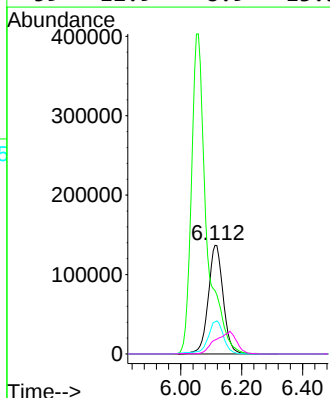
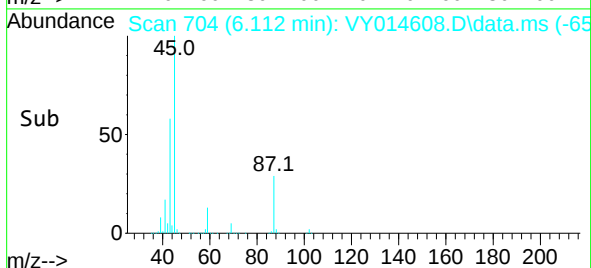
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 48.515 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



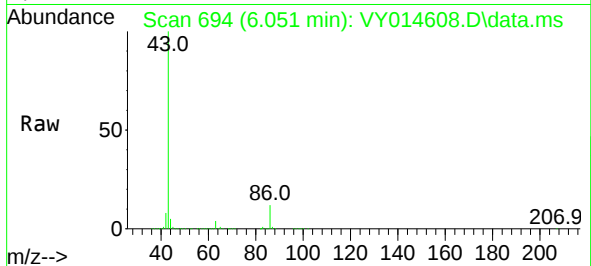
Tgt Ion: 45 Resp: 463968
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 29.4 21.0 31.6
59 12.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 251.261 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01

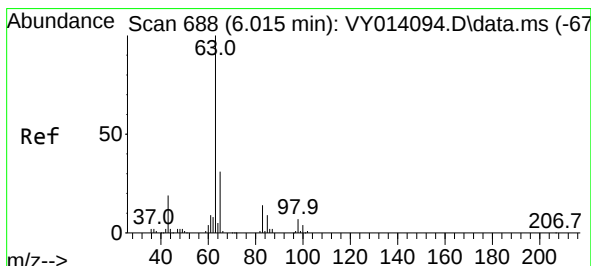
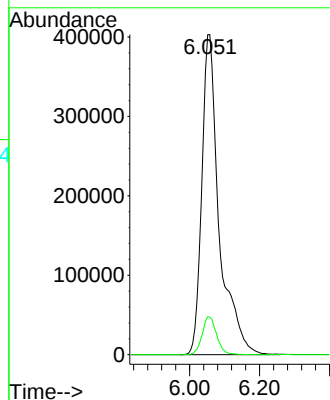
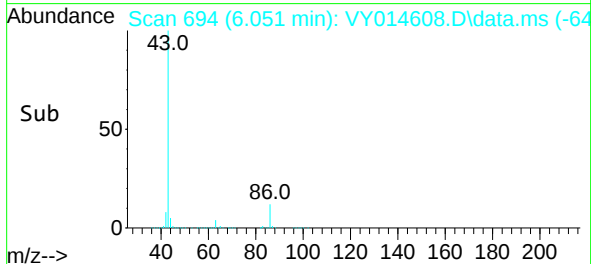
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



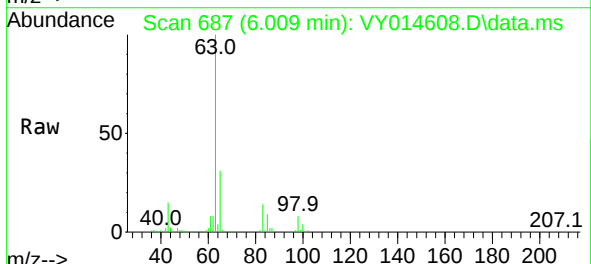
Tgt Ion: 43 Resp: 1390220
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

Manual Integrations
 APPROVED

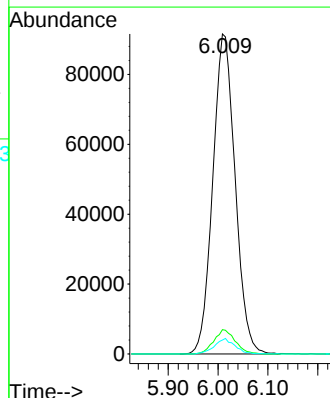
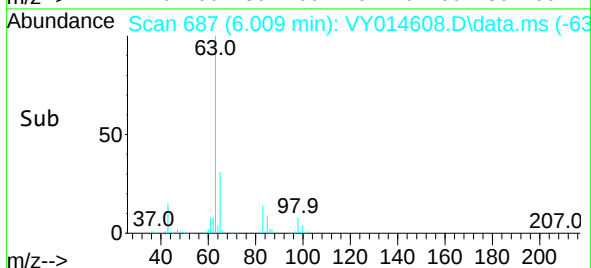
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

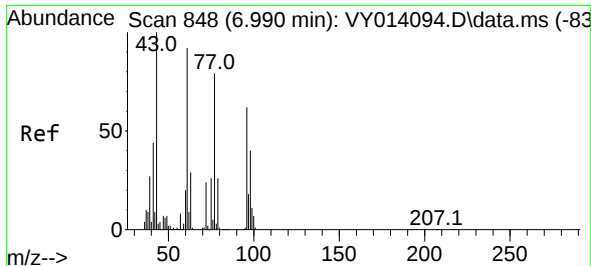


#24
 1,1-Dichloroethane
 Concen: 47.481 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01



Tgt Ion: 63 Resp: 285058
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 262.528 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 39645

Ion Ratio Lower Upper

43 100

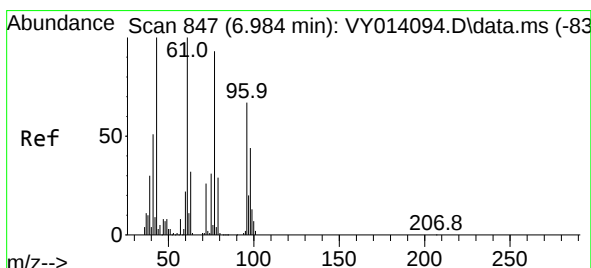
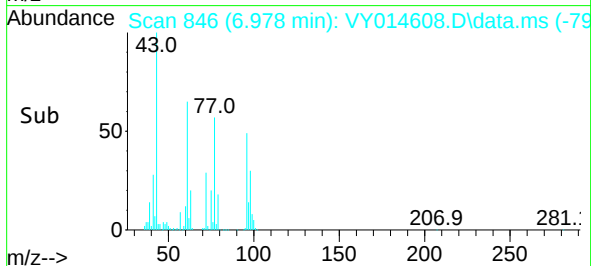
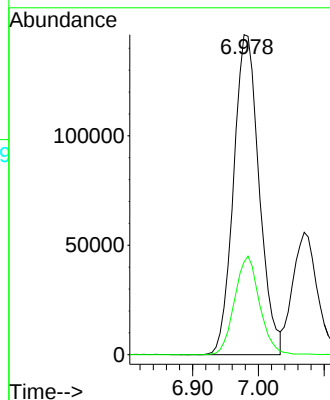
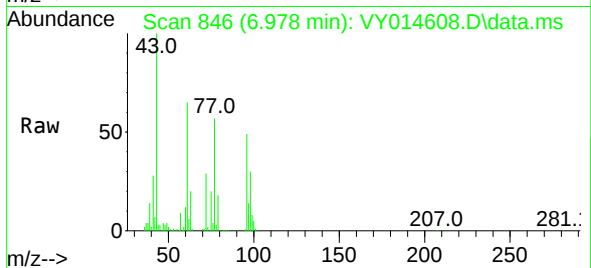
72 29.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#26

2,2-Dichloropropane

Concen: 49.600 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014608.D

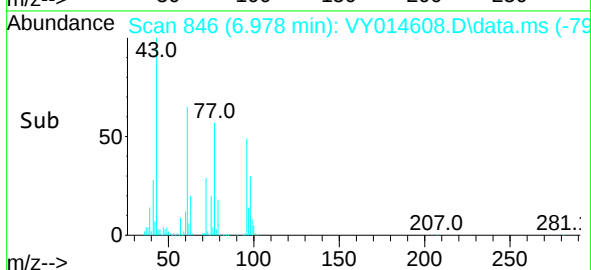
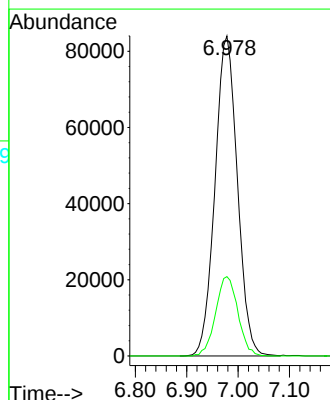
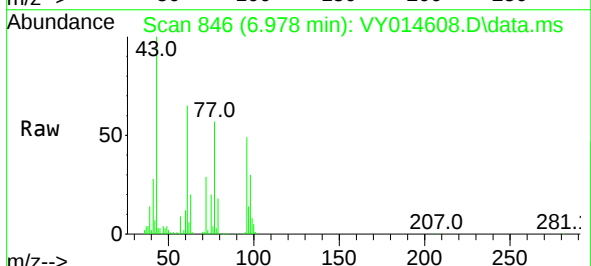
Acq: 10 Jul 2023 10:01

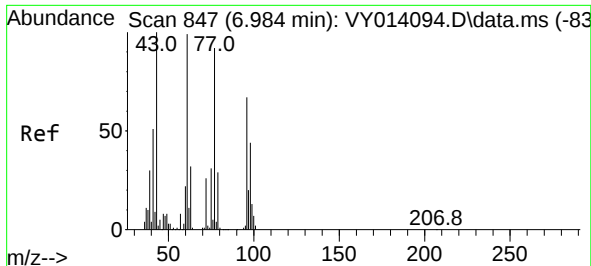
Tgt Ion: 77 Resp: 253815

Ion Ratio Lower Upper

77 100

97 24.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.063 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 19003

Ion Ratio Lower Upper

96 100

61 136.1 0.0 301.4

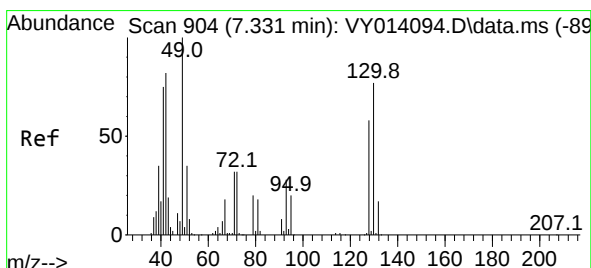
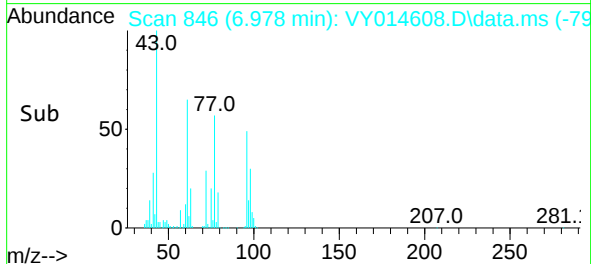
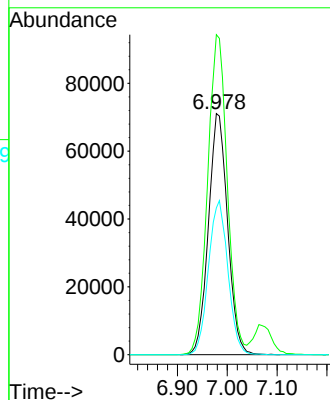
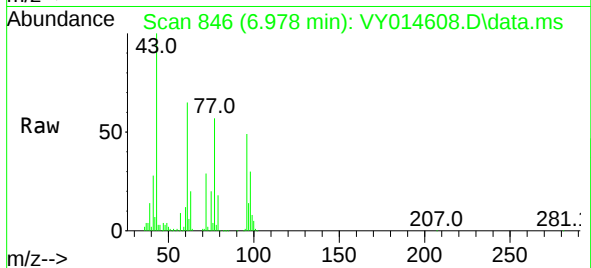
98 64.9 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#28

Bromochloromethane

Concen: 50.522 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

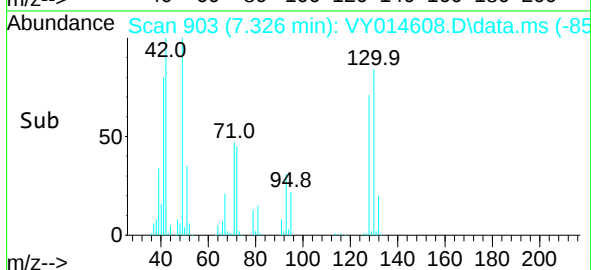
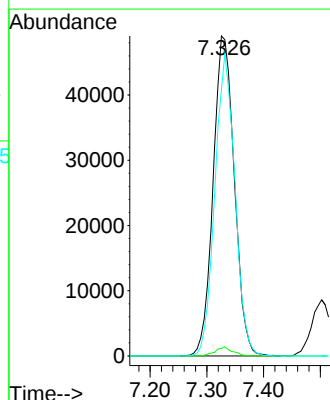
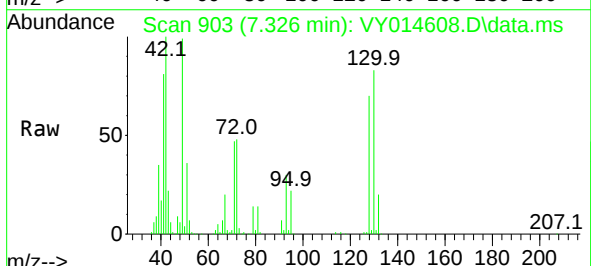
Tgt Ion: 49 Resp: 127364

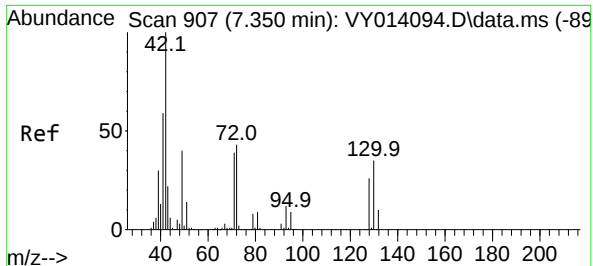
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 241.535 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 235270

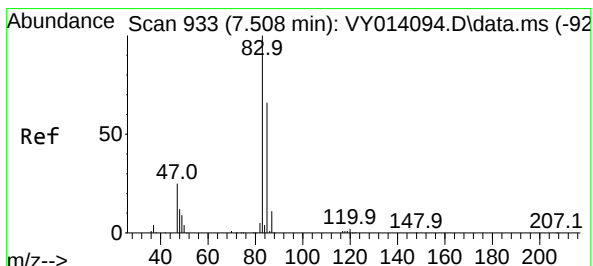
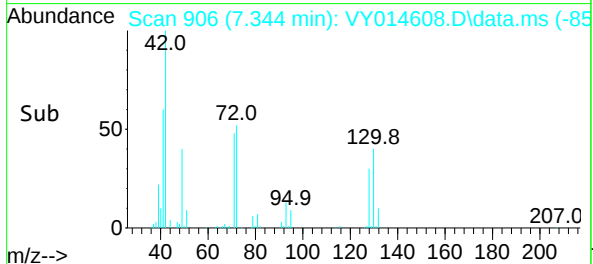
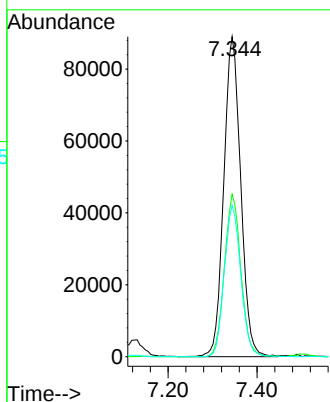
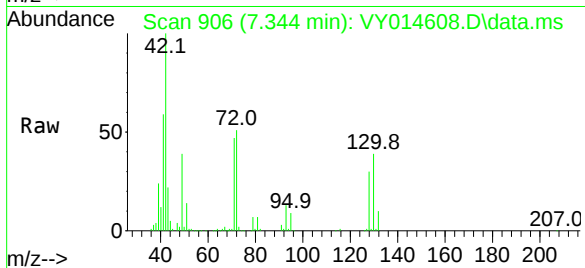
Ion	Ratio	Lower	Upper
42	100		
72	49.3	32.8	49.2
71	46.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 48.108 ug/l

RT: 7.502 min Scan# 932

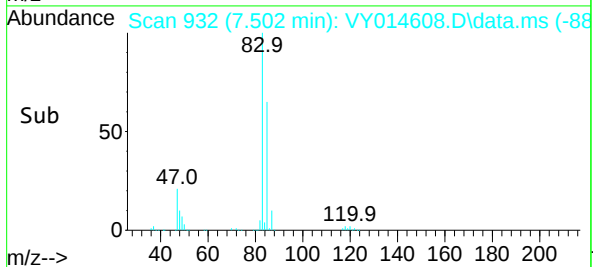
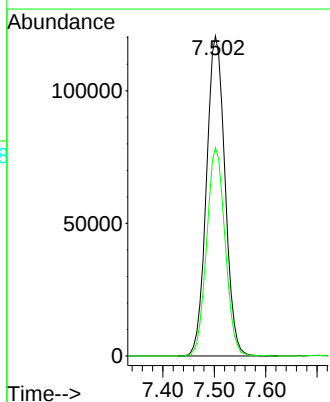
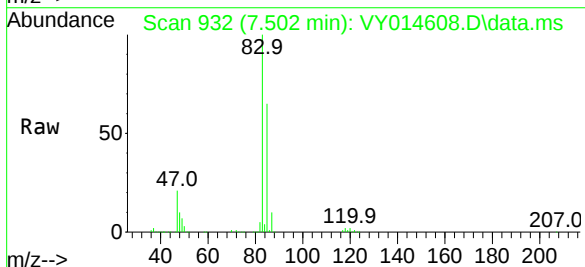
Delta R.T. -0.006 min

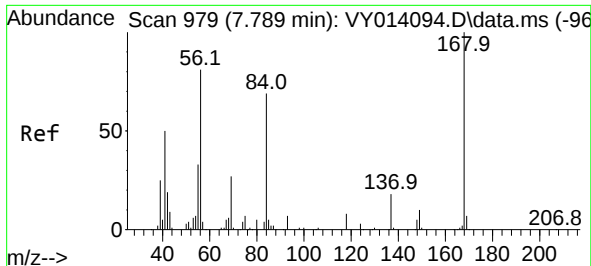
Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Tgt Ion: 83 Resp: 301287

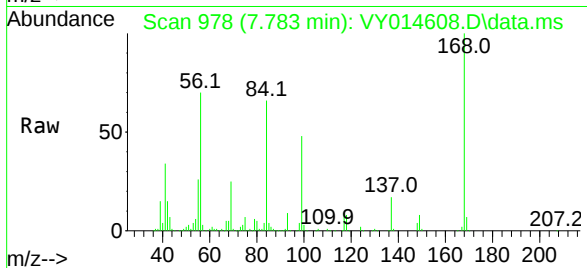
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.7	74.5





#31
Cyclohexane
Concen: 45.919 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

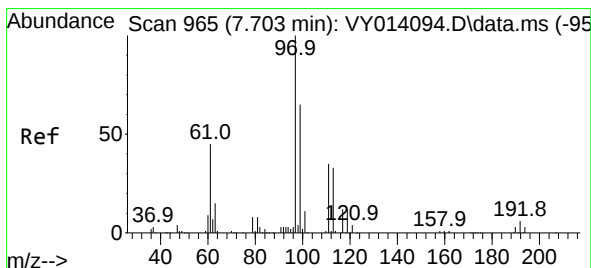
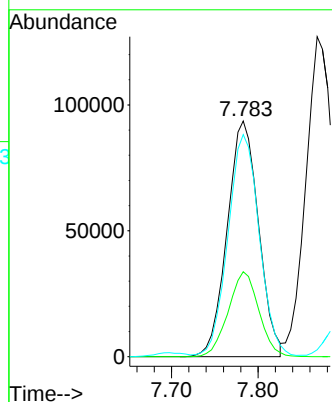
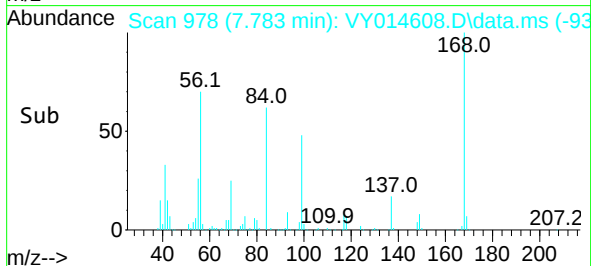
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



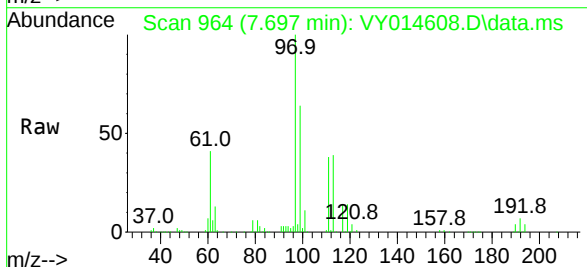
Tgt Ion: 56 Resp: 235272
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 92.8 66.4 99.6

Manual Integrations
APPROVED

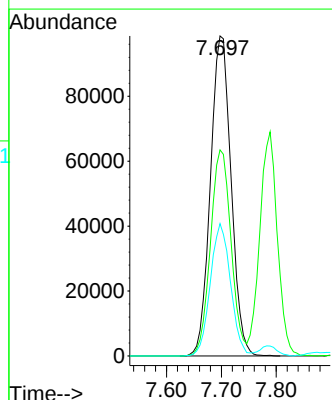
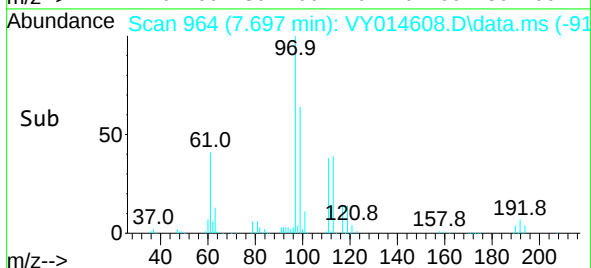
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

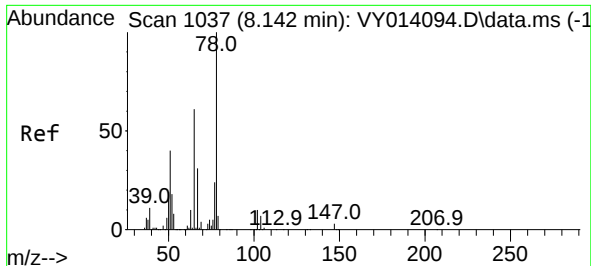


#32
1,1,1-Trichloroethane
Concen: 48.169 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



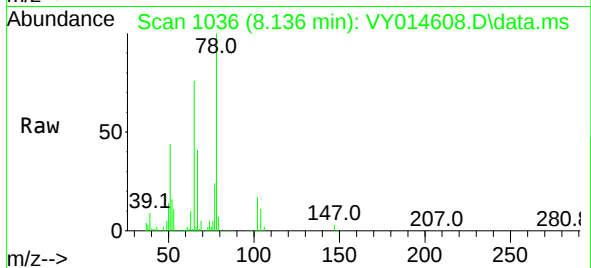
Tgt Ion: 97 Resp: 257856
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 40.4 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 50.001 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01

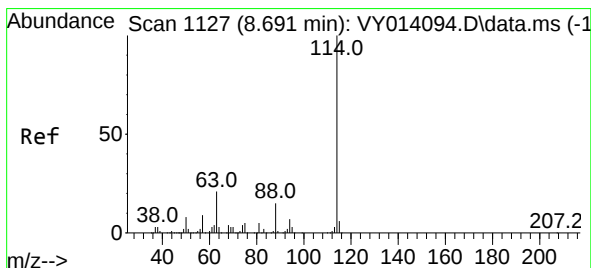
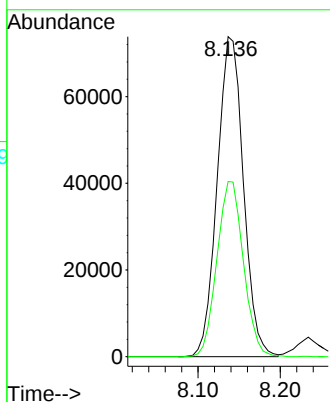
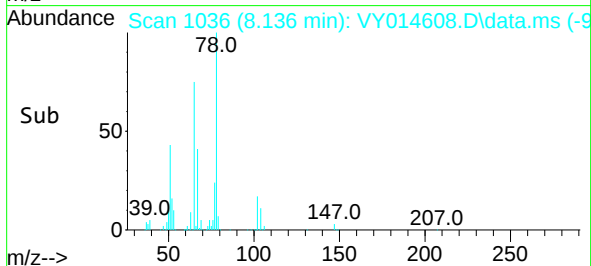
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



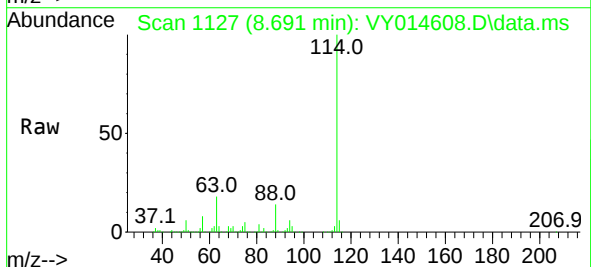
Tgt Ion: 65 Resp: 163294
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 101.8

Manual Integrations
 APPROVED

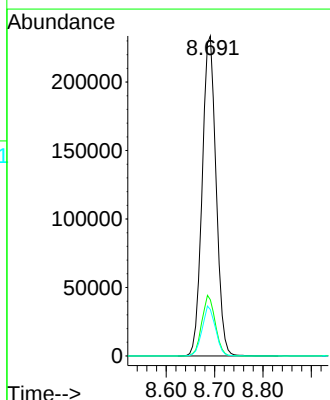
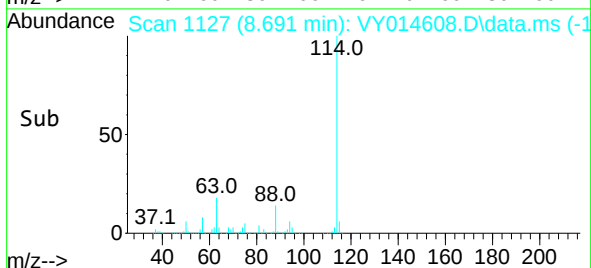
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

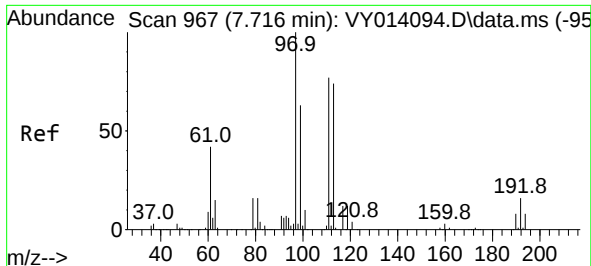


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01



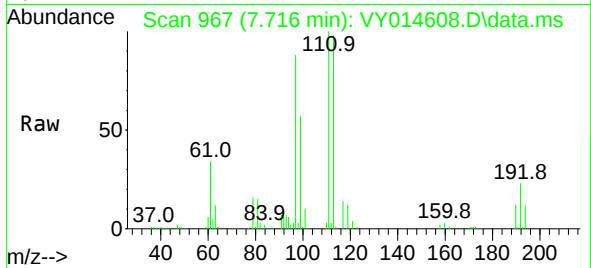
Tgt Ion:114 Resp: 465408
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 42.4
 88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.972 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

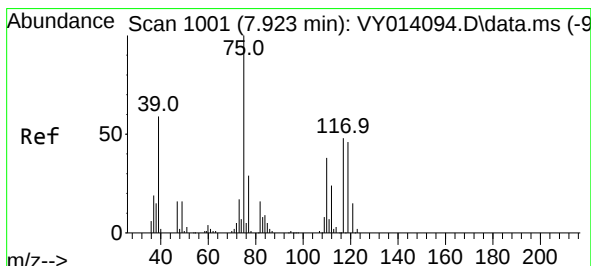
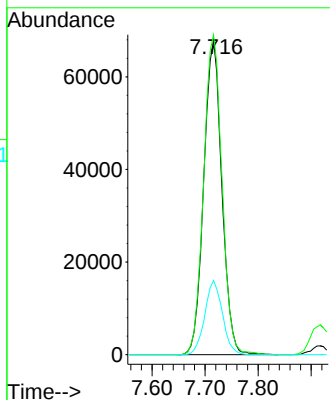
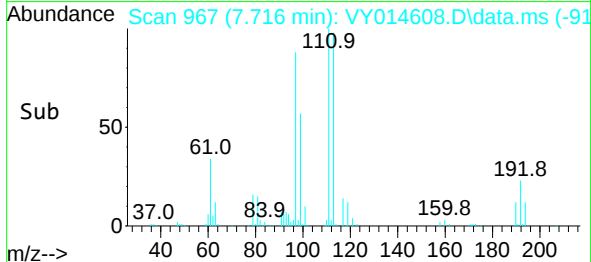
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



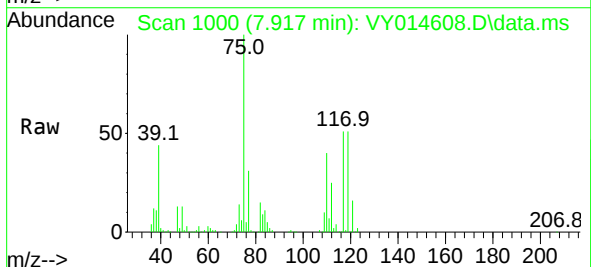
Tgt Ion:113 Resp: 160410
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 23.1 16.9 25.3

Manual Integrations
APPROVED

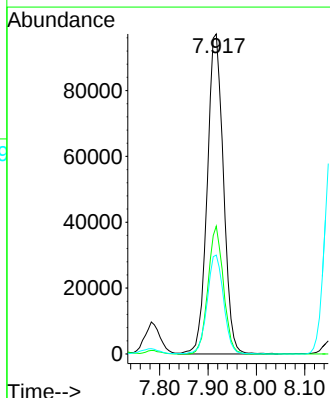
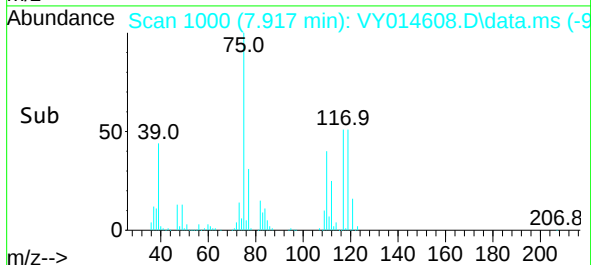
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
1,1-Dichloropropene
Concen: 51.438 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion: 75 Resp: 225764
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 49.651 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.005 min

Lab File: VY014608.D

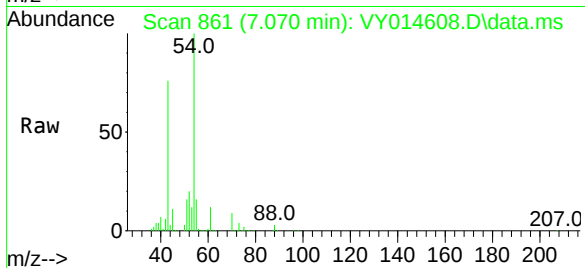
Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 14944

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1

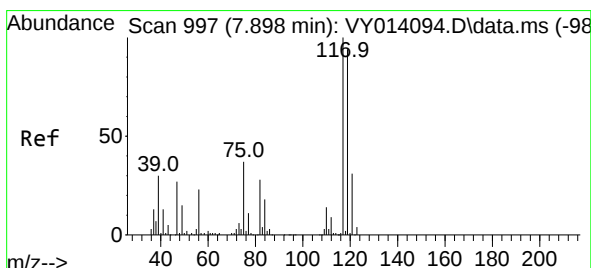
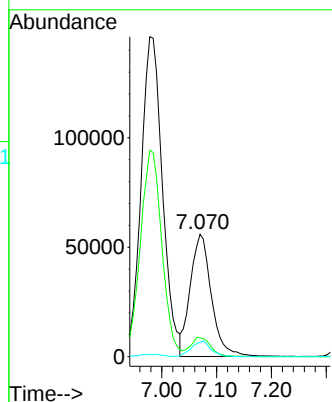
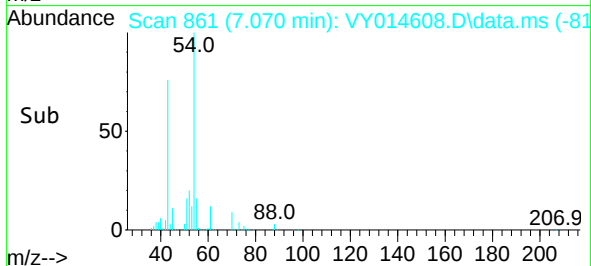
70 11.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#38

Carbon Tetrachloride

Concen: 52.445 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

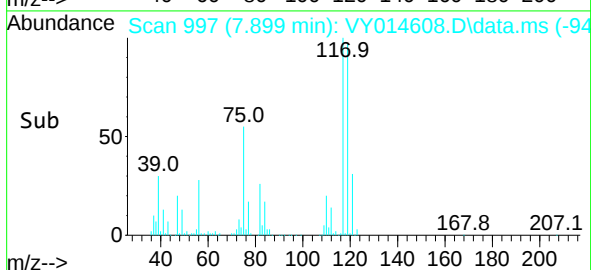
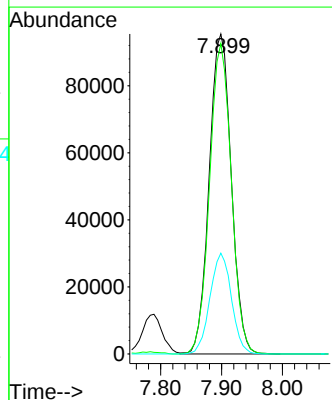
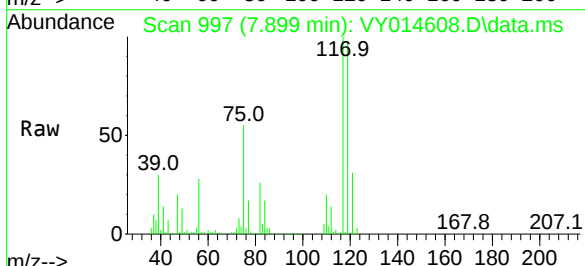
Tgt Ion:117 Resp: 240290

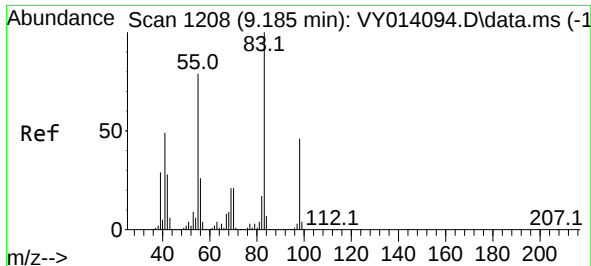
Ion Ratio Lower Upper

117 100

119 97.0 76.4 114.6

121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 53.176 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 27897

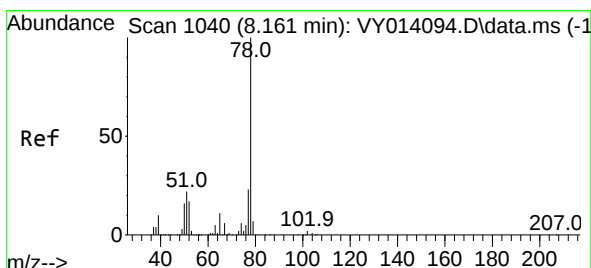
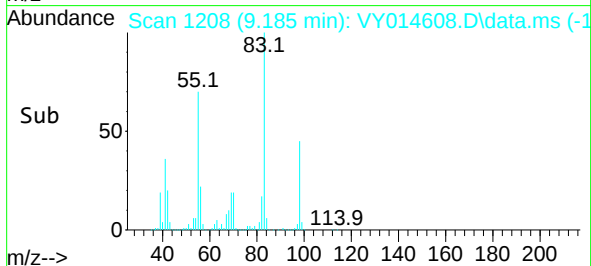
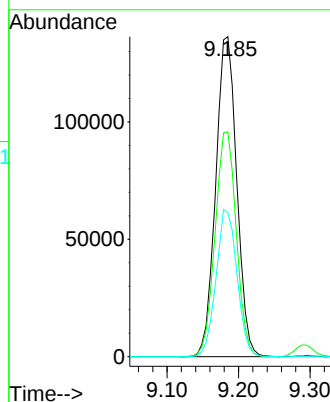
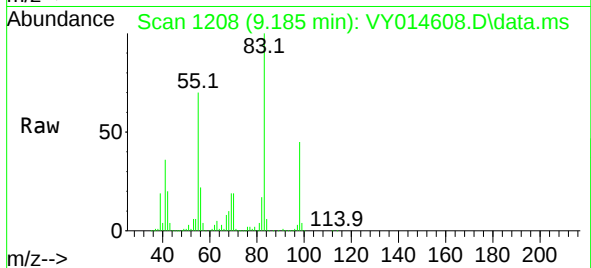
Ion	Ratio	Lower	Upper
83	100		
55	70.3	63.0	94.4
98	45.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 49.700 ug/l

RT: 8.161 min Scan# 1040

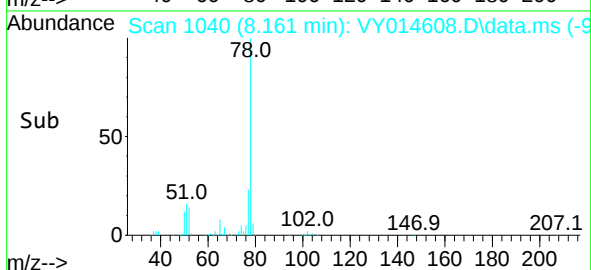
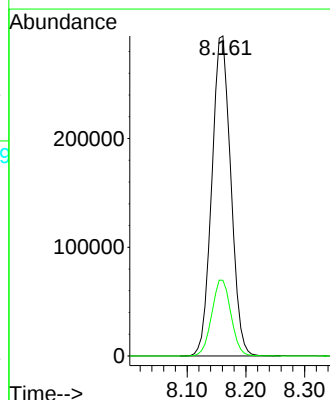
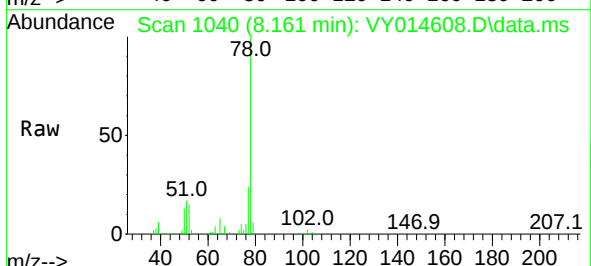
Delta R.T. -0.000 min

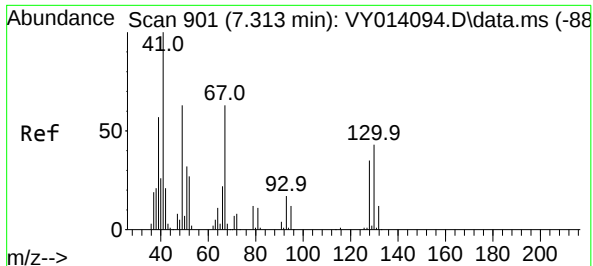
Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Tgt Ion: 78 Resp: 660300

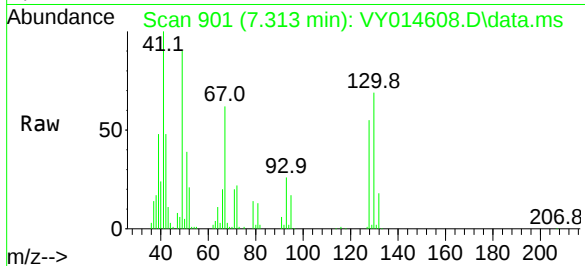
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 54.902 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

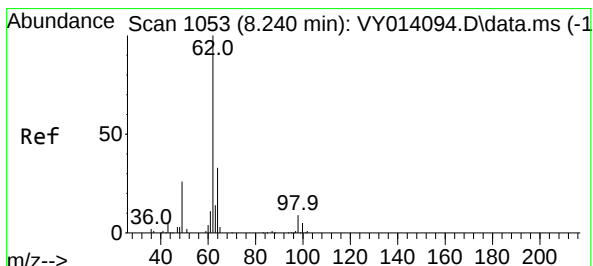
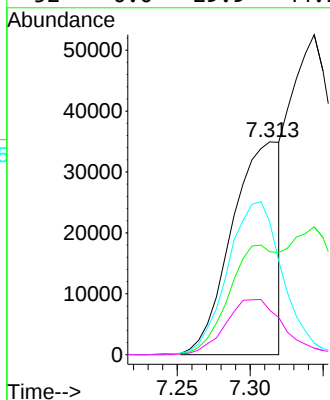
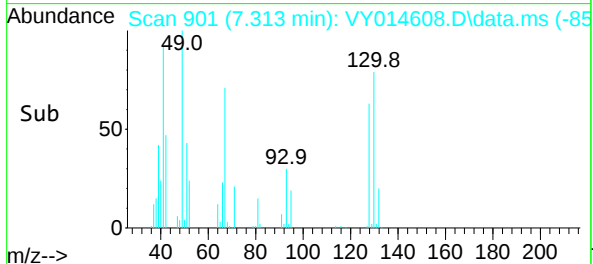
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 80733
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

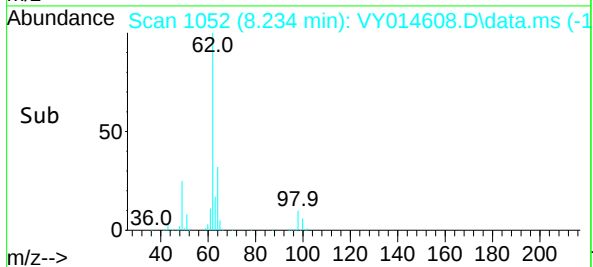
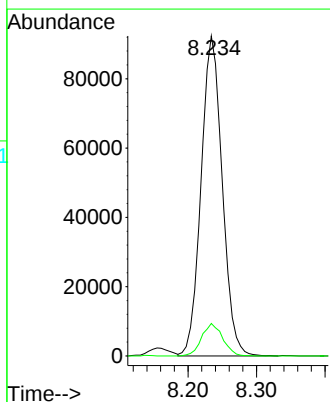
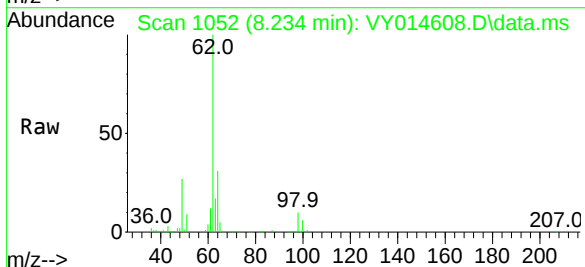
Manual Integrations
APPROVED

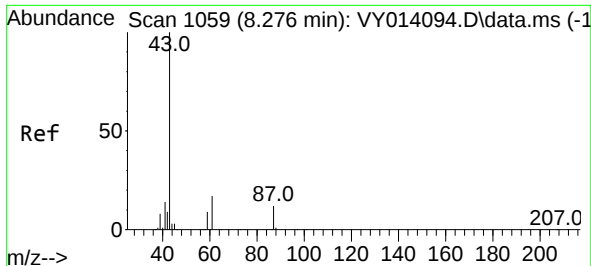
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 50.866 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

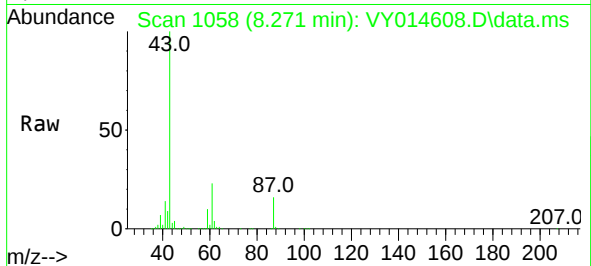
Tgt Ion: 62 Resp: 198634
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8





#43
Isopropyl Acetate
Concen: 50.624 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

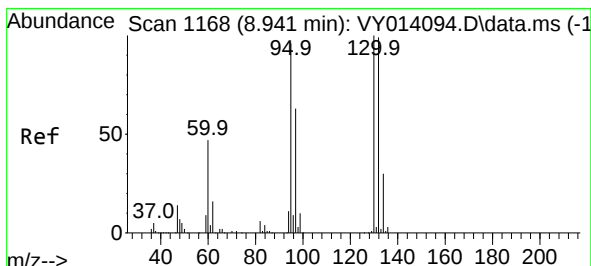
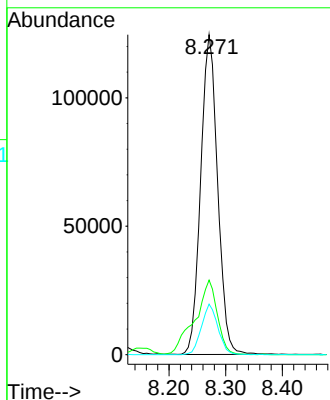
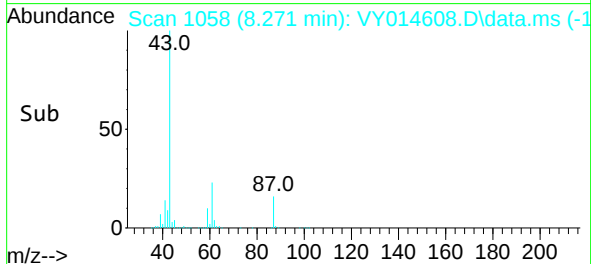
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25823
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 15.5 9.8 14.8

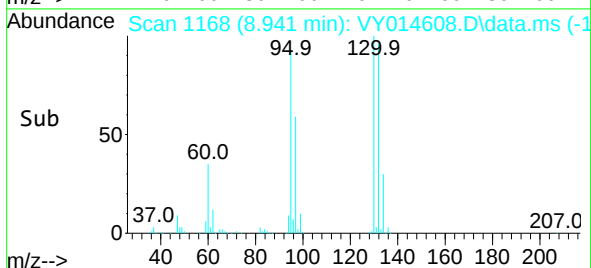
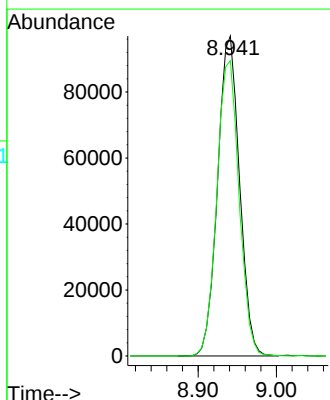
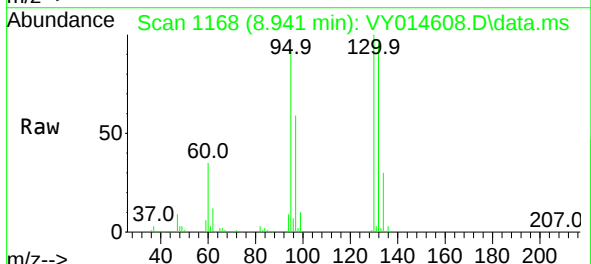
Manual Integrations
APPROVED

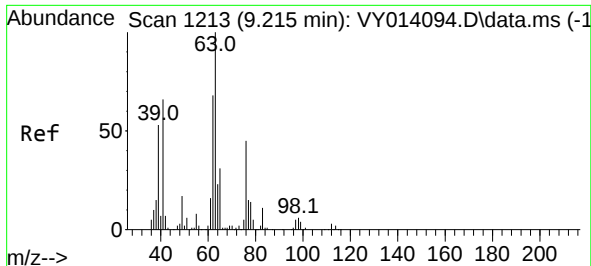
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 50.945 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

Tgt Ion:130 Resp: 188696
Ion Ratio Lower Upper
130 100
95 92.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.200 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17450

Ion Ratio Lower Upper

63 100

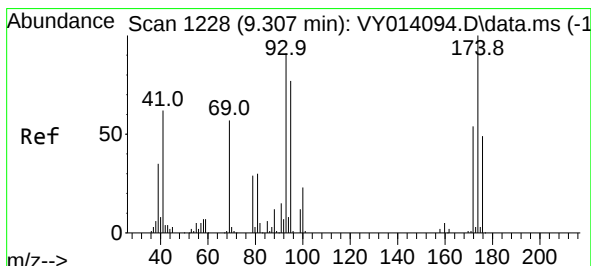
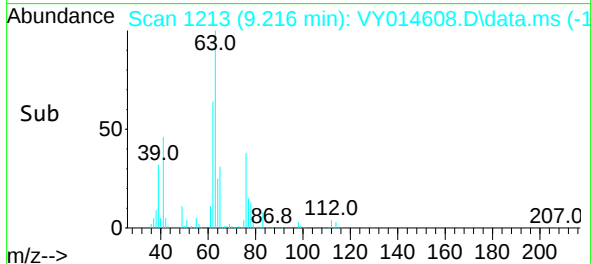
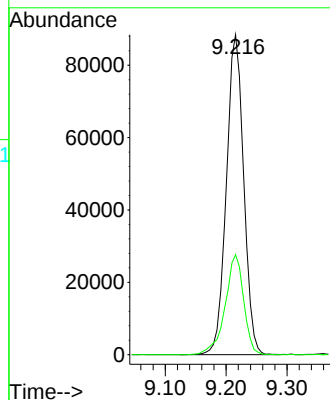
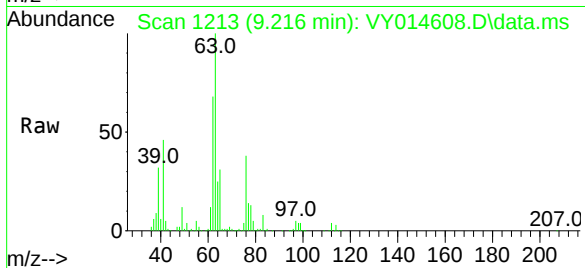
65 31.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 52.127 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

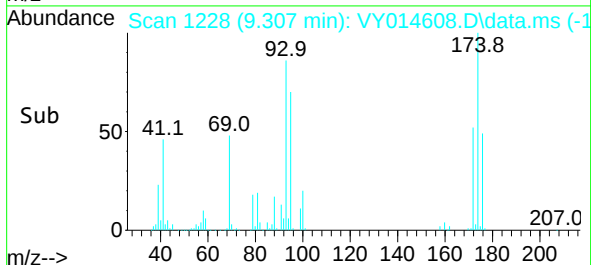
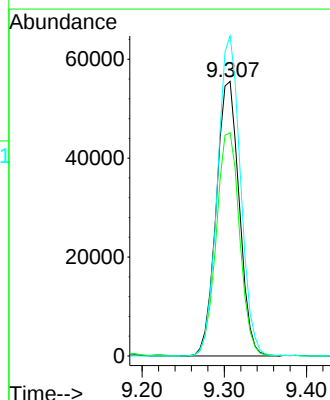
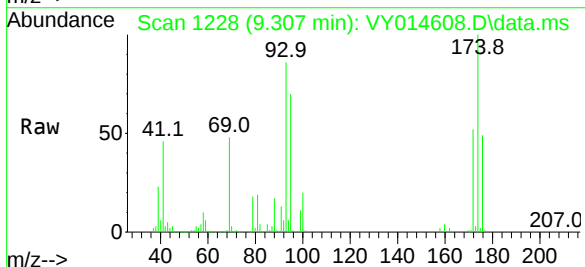
Tgt Ion: 93 Resp: 108159

Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

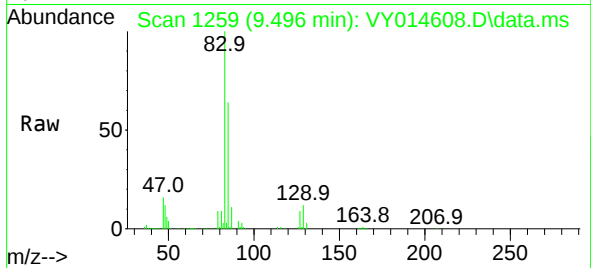
174 116.1 84.8 127.2





#47
Bromodichloromethane
Concen: 51.816 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

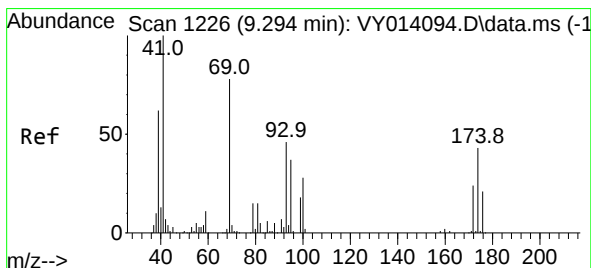
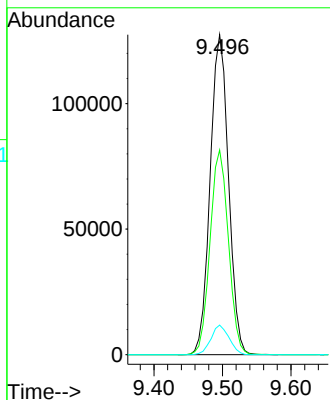
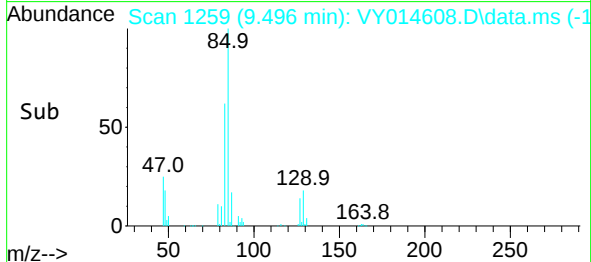
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



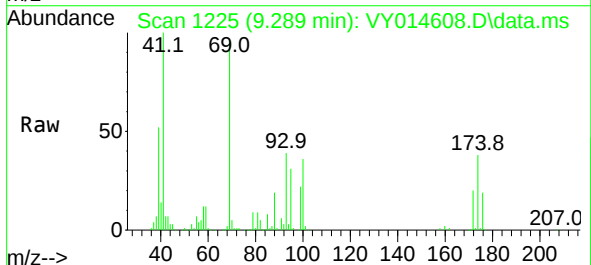
Tgt Ion: 83 Resp: 236889
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.2 7.1 10.7

Manual Integrations
APPROVED

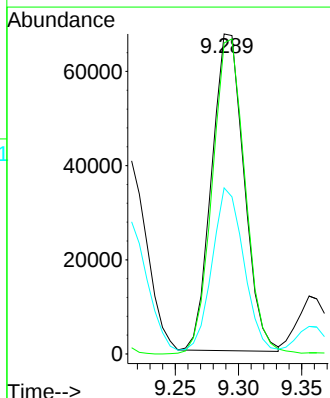
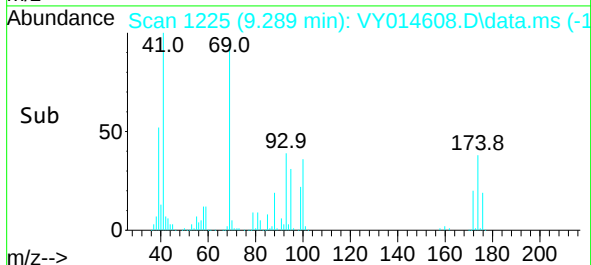
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

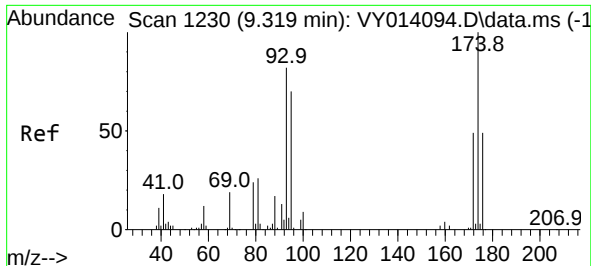


#48
Methyl methacrylate
Concen: 51.611 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion: 41 Resp: 119719
Ion Ratio Lower Upper
41 100
69 100.9 64.5 96.7#
39 50.0 50.8 76.2#





#49

1,4-Dioxane

Concen: 966.150 ug/l

RT: 9.295 min Scan# 1230

Delta R.T. -0.024 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

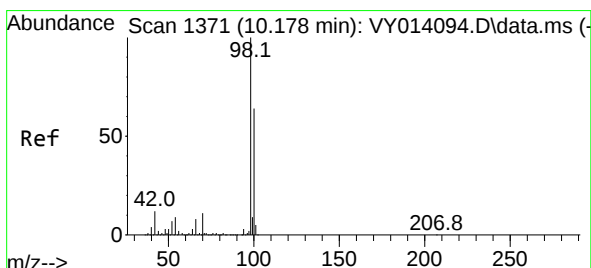
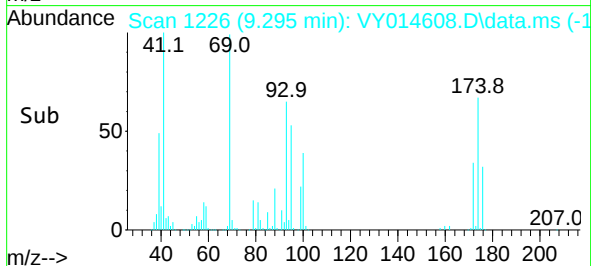
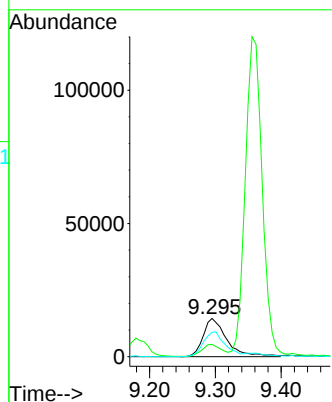
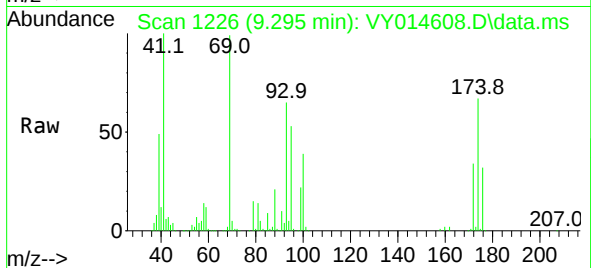
Tgt Ion: 88 Resp: 3579
 Ion Ratio Lower Upper
 88 100
 43 26.0 0.0 0.0
 58 60.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 53.893 ug/l

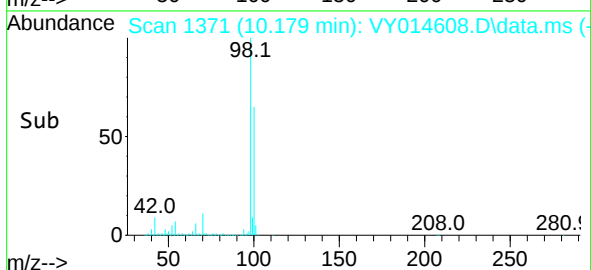
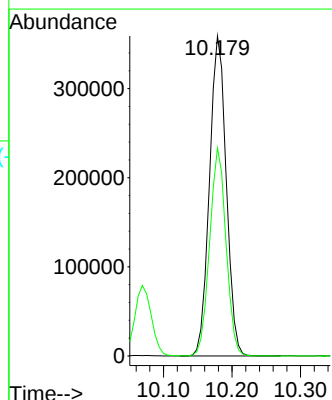
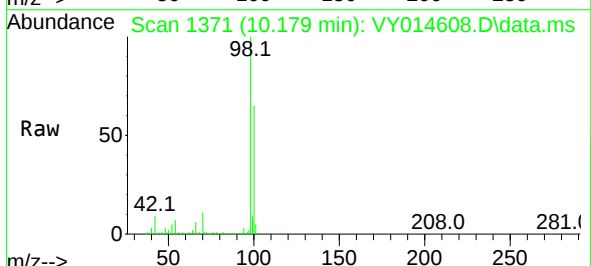
RT: 10.179 min Scan# 1371

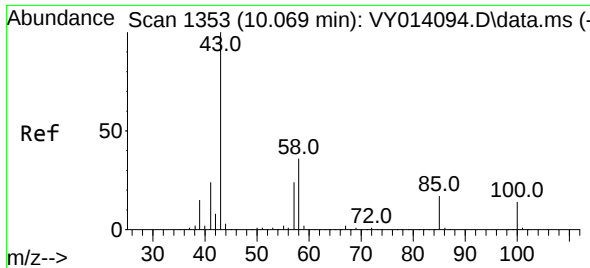
Delta R.T. 0.001 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

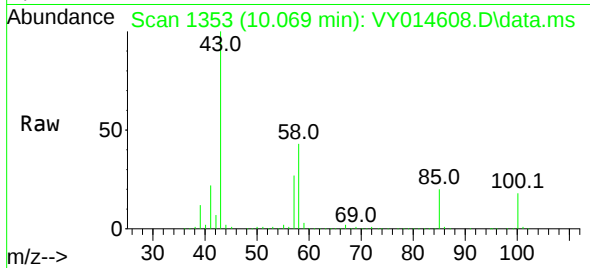
Tgt Ion: 98 Resp: 610594
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 254.920 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

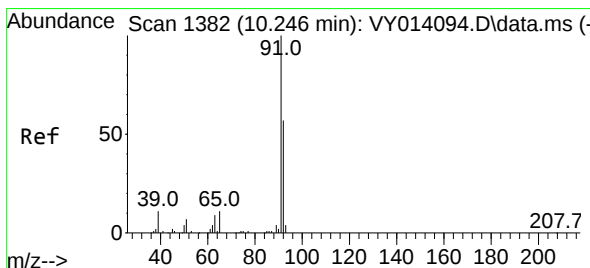
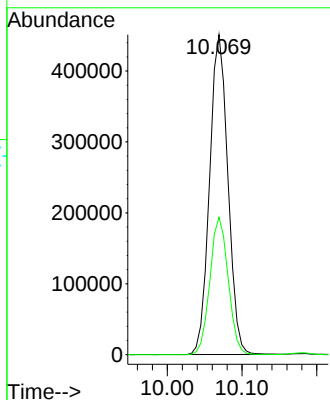
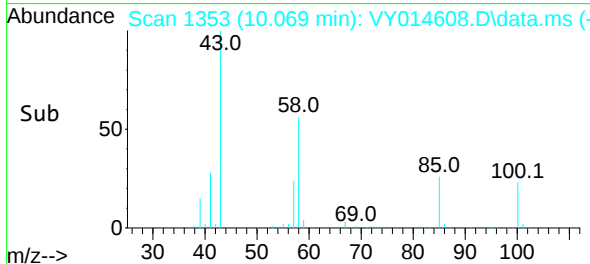
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



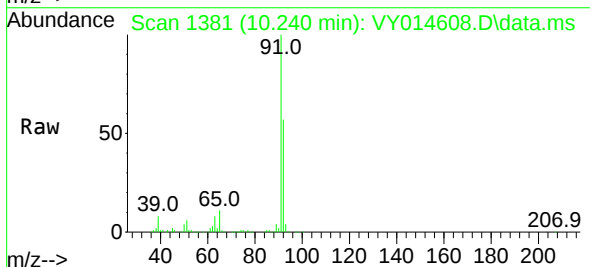
Tgt Ion: 43 Resp: 76982
Ion Ratio Lower Upper
43 100
58 42.8 29.0 43.6

Manual Integrations
APPROVED

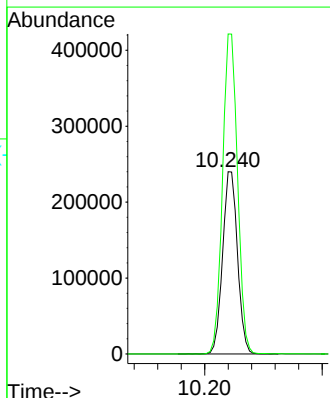
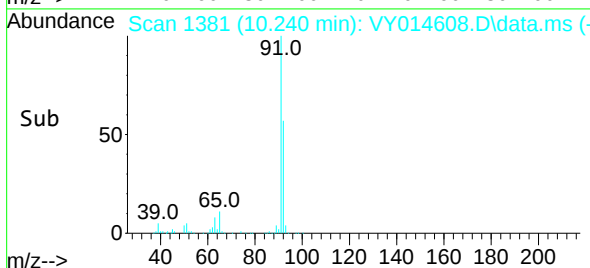
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

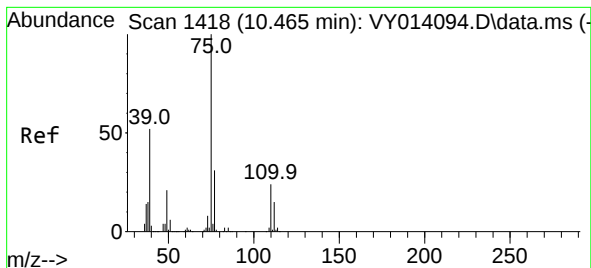


#52
Toluene
Concen: 50.412 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



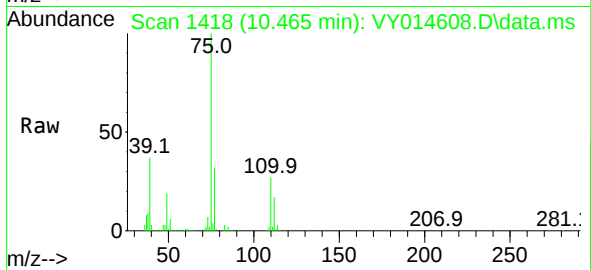
Tgt Ion: 92 Resp: 421474
Ion Ratio Lower Upper
92 100
91 177.0 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 51.699 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

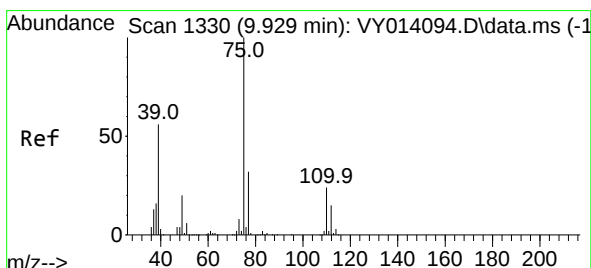
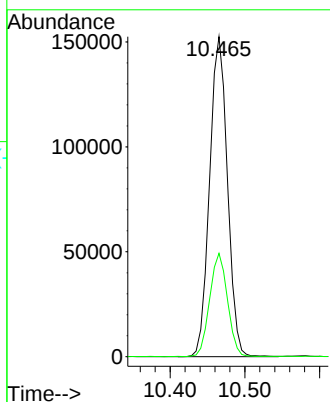
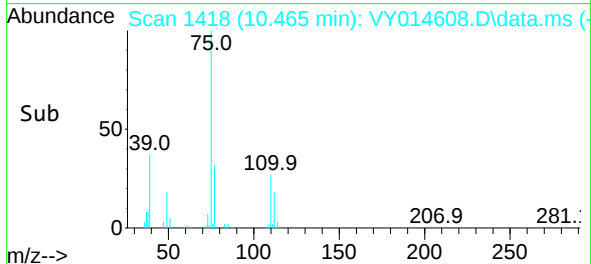
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



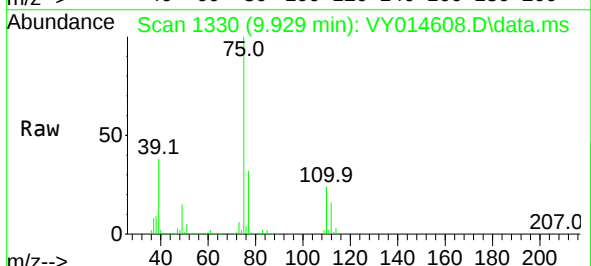
Tgt Ion: 75 Resp: 252750
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

Manual Integrations
APPROVED

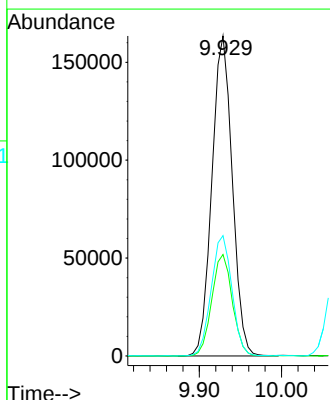
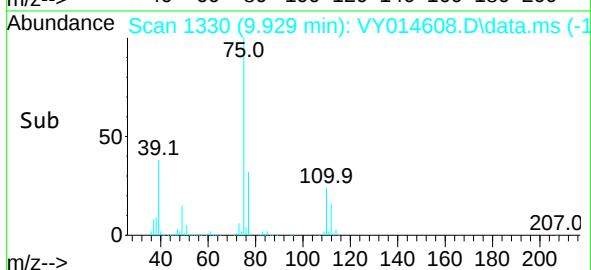
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

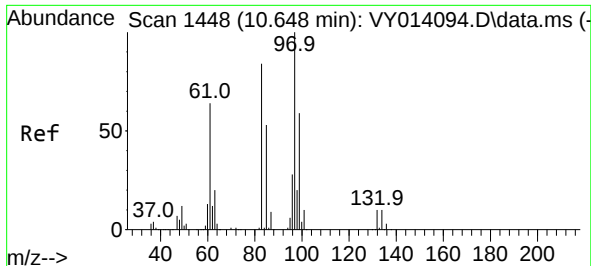


#54
cis-1,3-Dichloropropene
Concen: 51.642 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



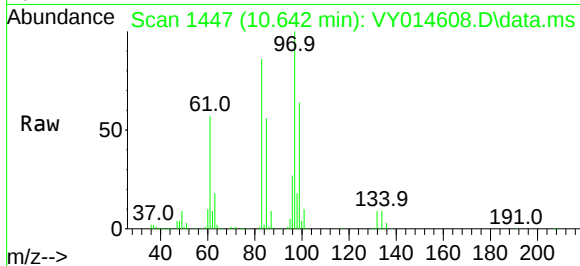
Tgt Ion: 75 Resp: 281689
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 37.6 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 51.588 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

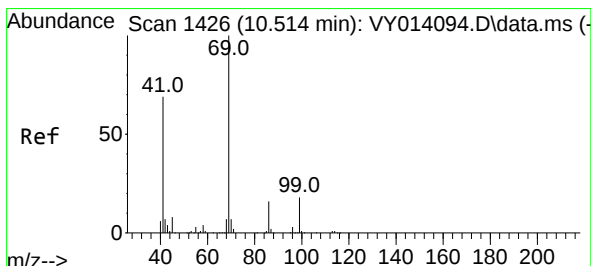
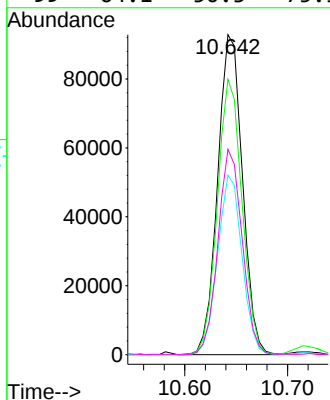
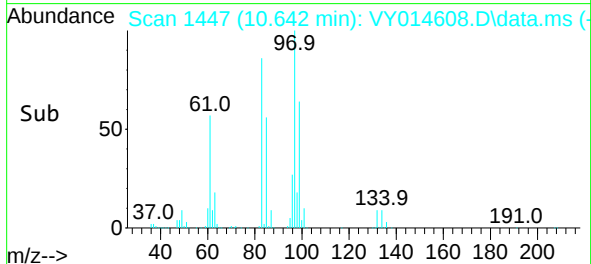
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



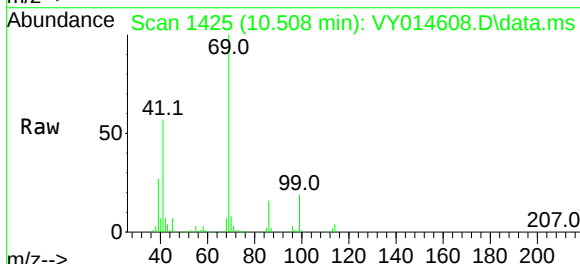
Tgt Ion: 97 Resp: 155754
Ion Ratio Lower Upper
97 100
83 86.1 72.0 108.0
85 56.1 45.4 68.0
99 64.1 50.3 75.5

Manual Integrations
APPROVED

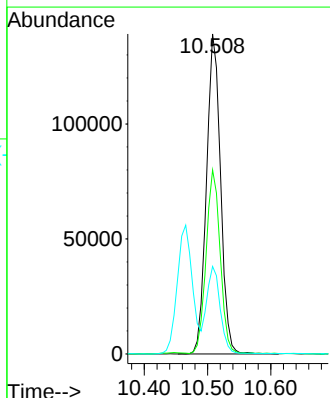
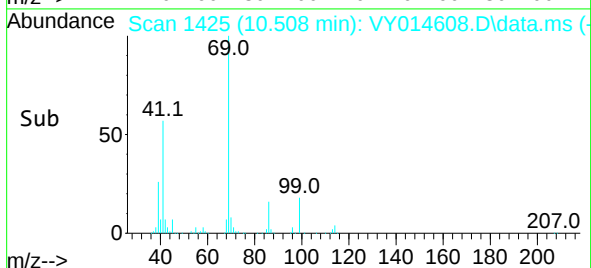
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

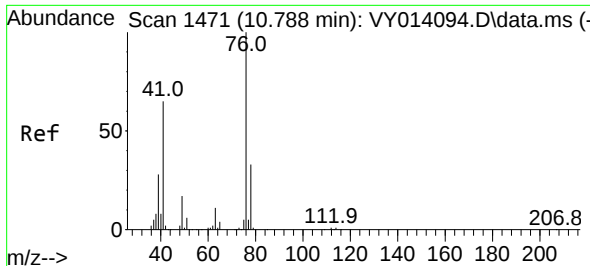


#56
Ethyl methacrylate
Concen: 52.506 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



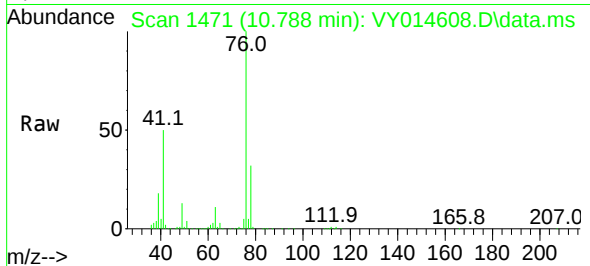
Tgt Ion: 69 Resp: 215643
Ion Ratio Lower Upper
69 100
41 57.1 57.6 86.4#
39 26.1 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 51.035 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

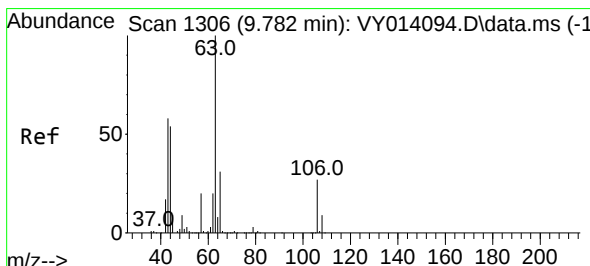
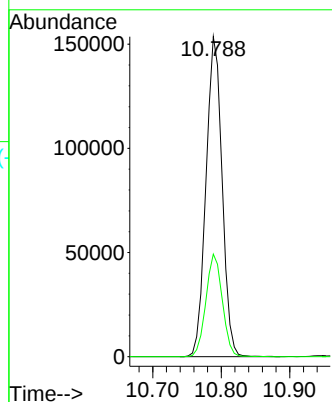
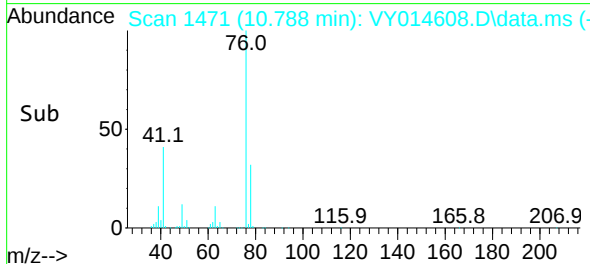
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 251062
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9

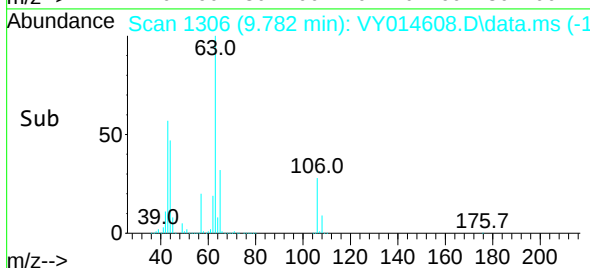
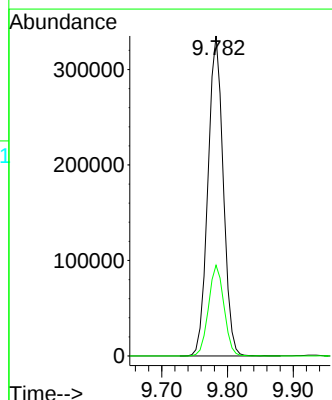
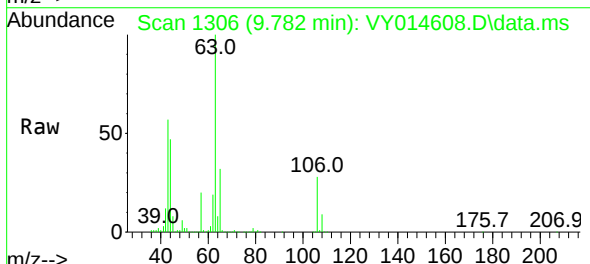
Manual Integrations
APPROVED

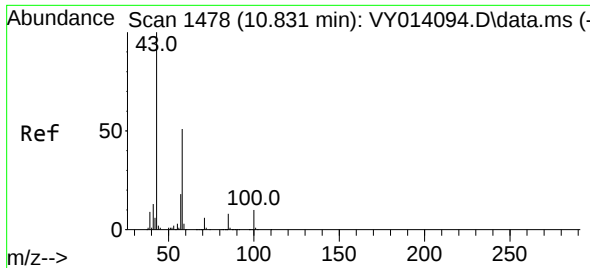
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 272.271 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

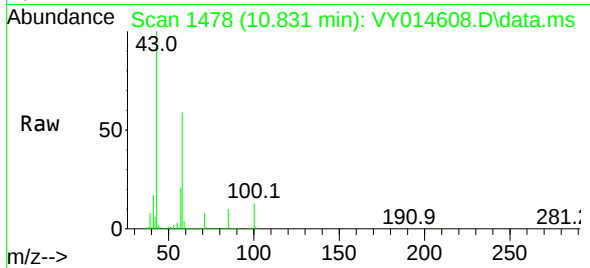
Tgt Ion: 63 Resp: 541720
Ion Ratio Lower Upper
63 100
106 28.6 21.2 31.8





#59
2-Hexanone
Concen: 272.888 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

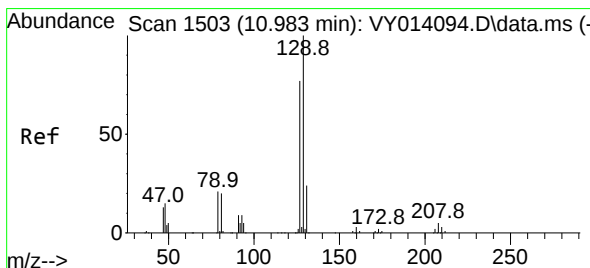
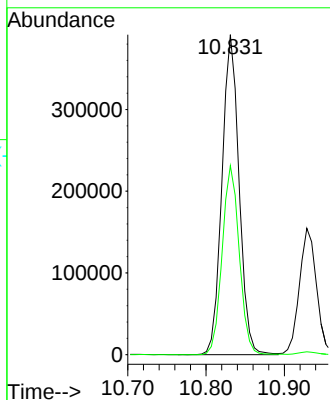
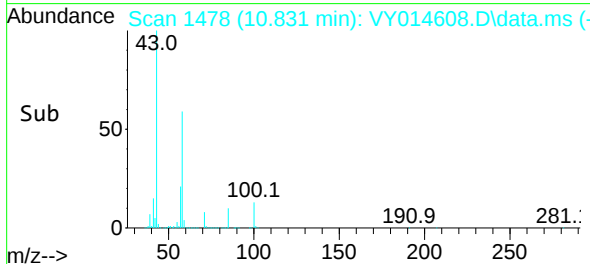
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 595289
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3

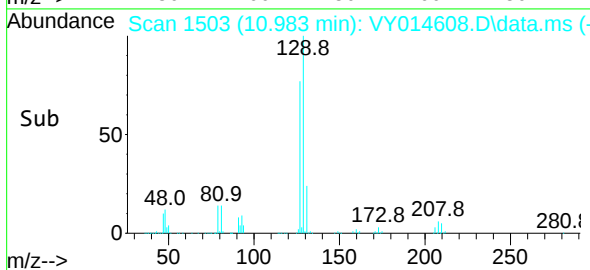
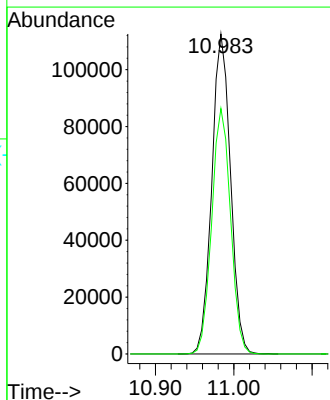
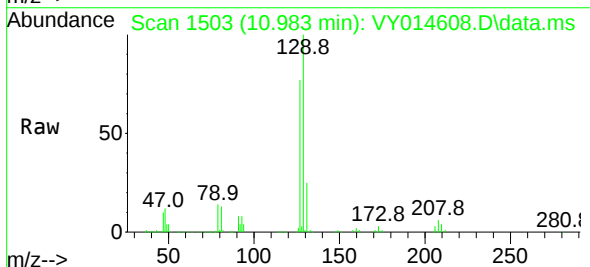
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 52.847 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

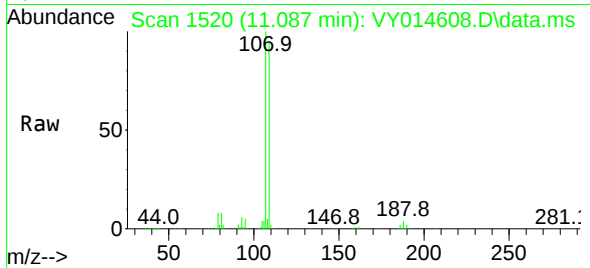
Tgt Ion:129 Resp: 186958
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.891 ug/l
RT: 11.087 min Scan# 15295
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

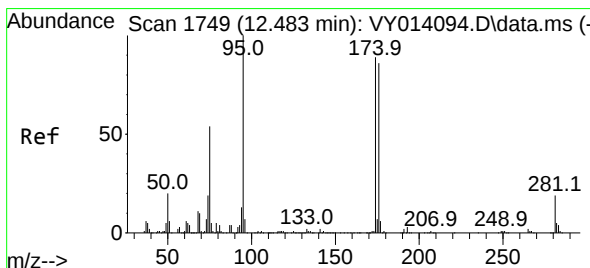
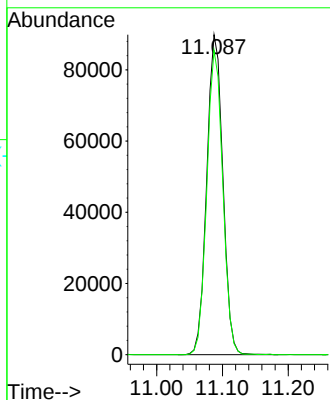
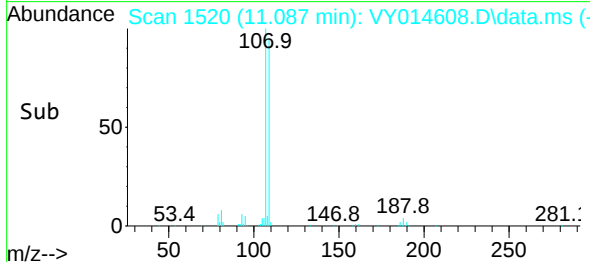
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



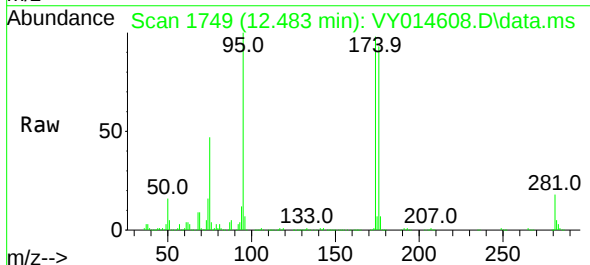
Tgt Ion:107 Resp: 15295
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

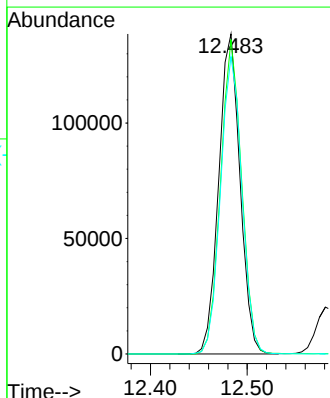
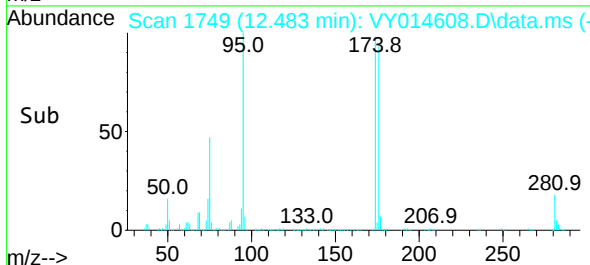
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

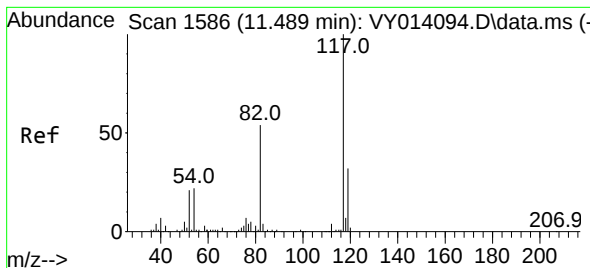


#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



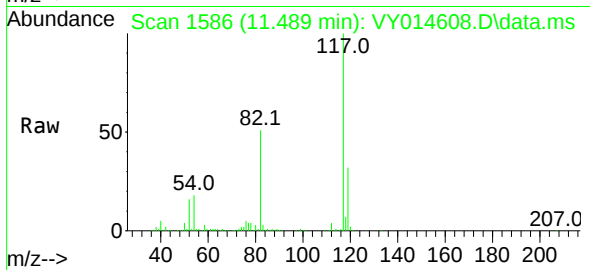
Tgt Ion: 95 Resp: 211039
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 93.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

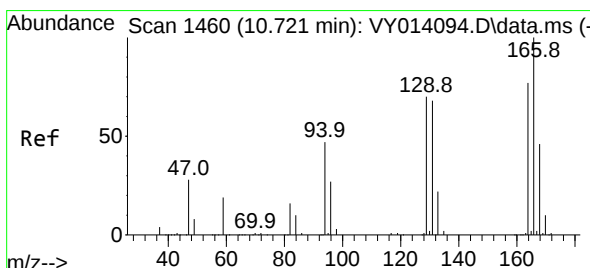
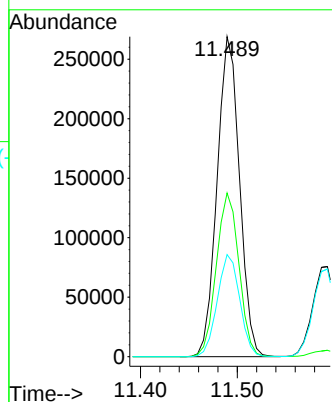
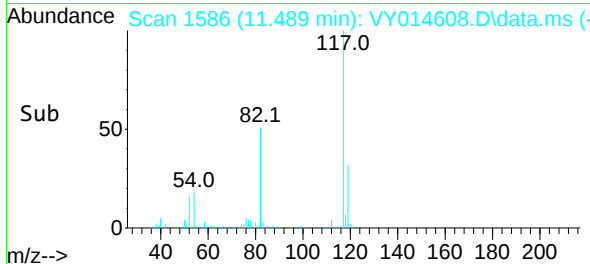
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



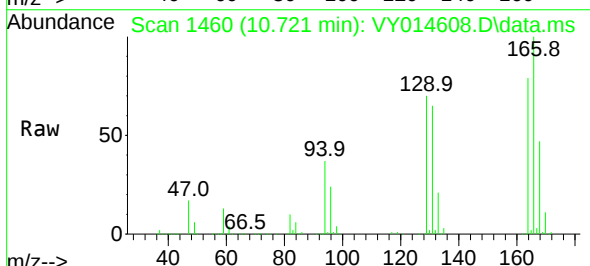
Tgt Ion:117 Resp: 432392
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 31.9 26.3 39.5

Manual Integrations
APPROVED

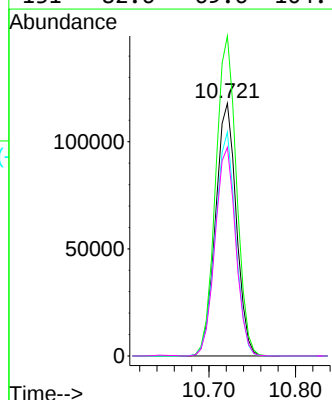
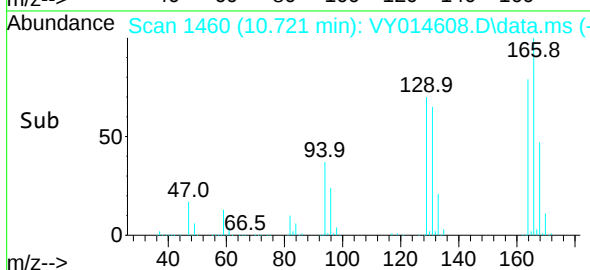
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

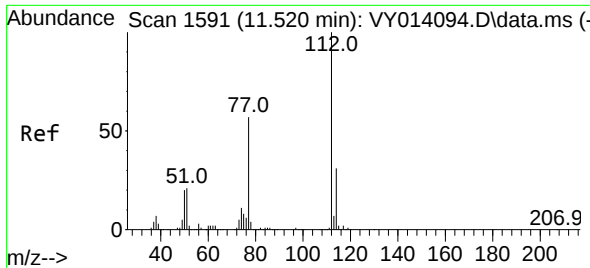


#64
Tetrachloroethene
Concen: 50.614 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



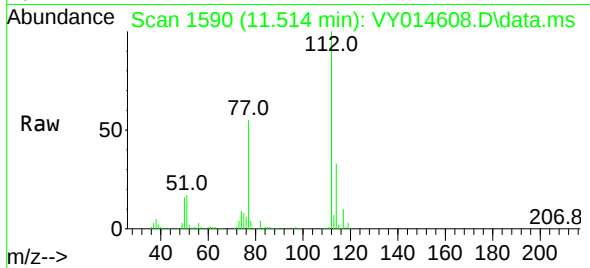
Tgt Ion:164 Resp: 195637
Ion Ratio Lower Upper
164 100
166 126.6 103.0 154.6
129 88.6 77.2 115.8
131 82.6 69.6 104.4





#65
Chlorobenzene
Concen: 50.938 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

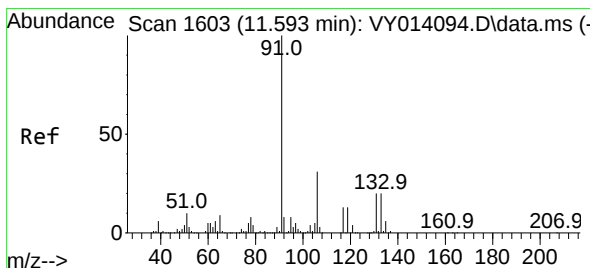
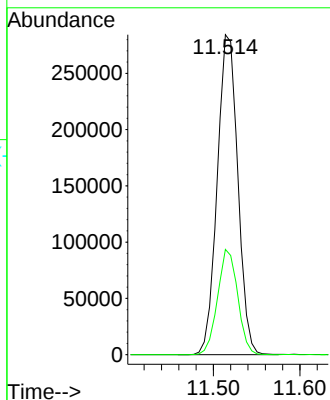
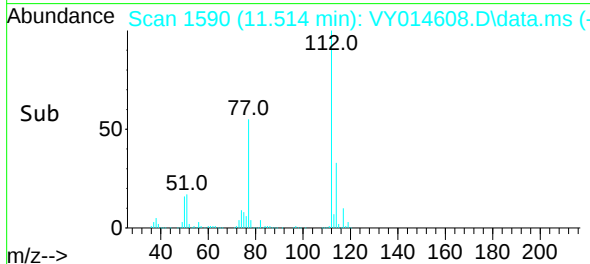
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



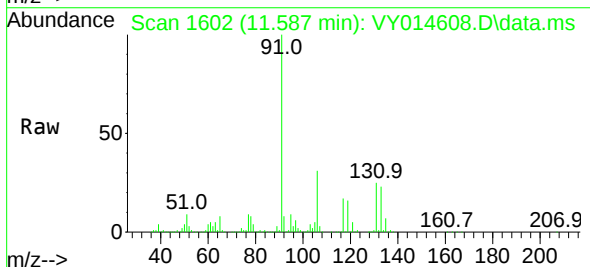
Tgt Ion:112 Resp: 469374
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

Manual Integrations
APPROVED

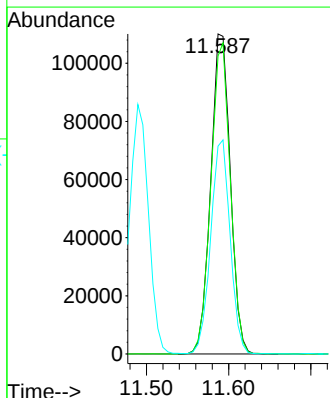
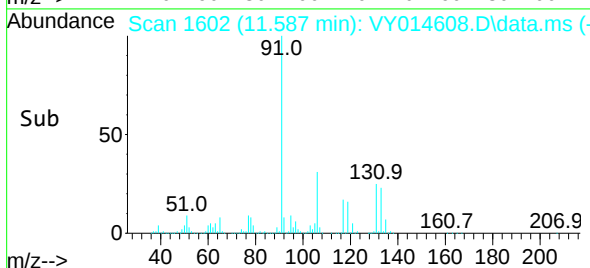
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

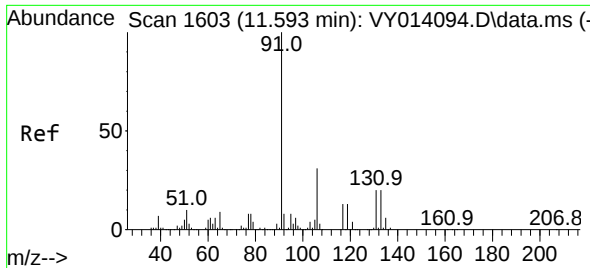


#66
1,1,1,2-Tetrachloroethane
Concen: 52.032 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



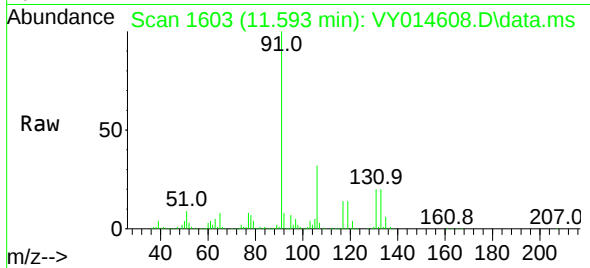
Tgt Ion:131 Resp: 182231
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 66.5 31.6 94.7





#67
Ethyl Benzene
Concen: 51.475 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

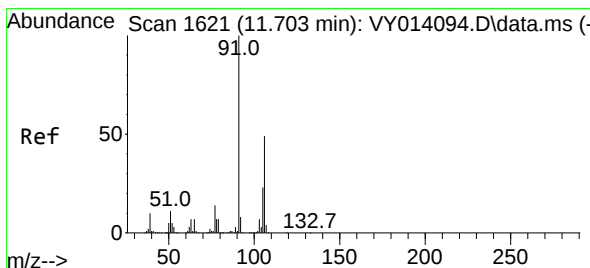
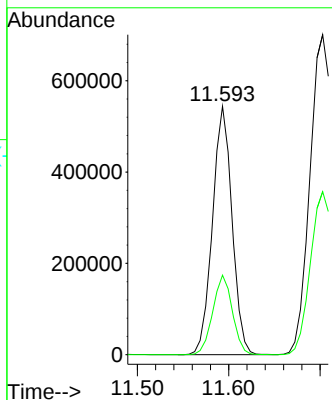
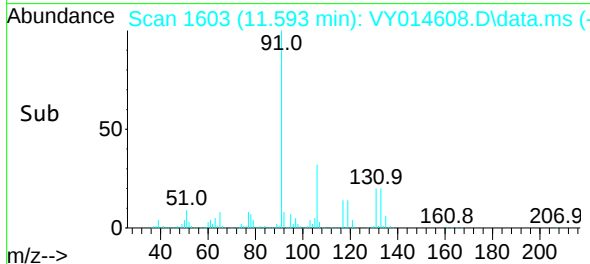
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



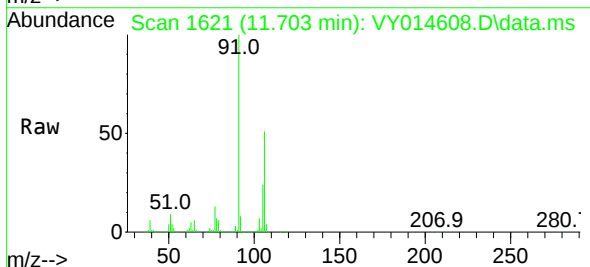
Tgt Ion: 91 Resp: 808872
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

Manual Integrations
APPROVED

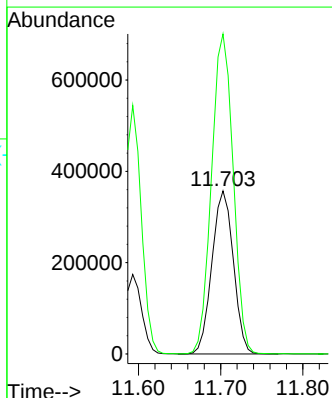
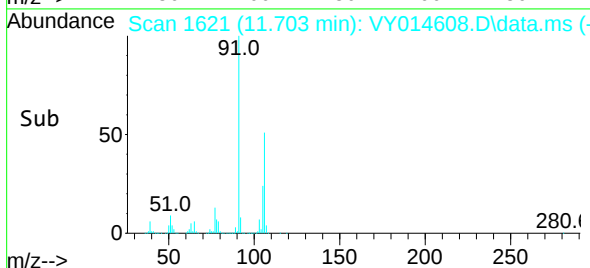
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

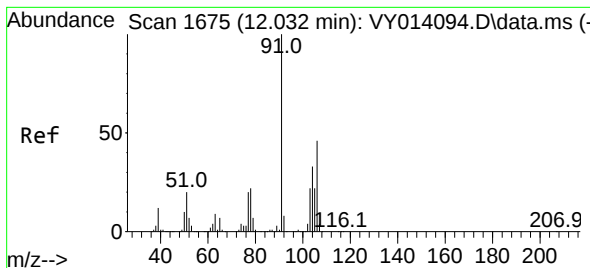


#68
m/p-Xylenes
Concen: 103.655 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion:106 Resp: 646097
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1





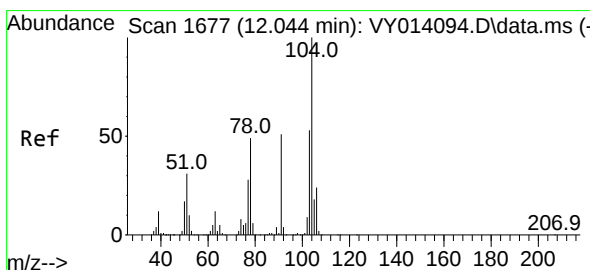
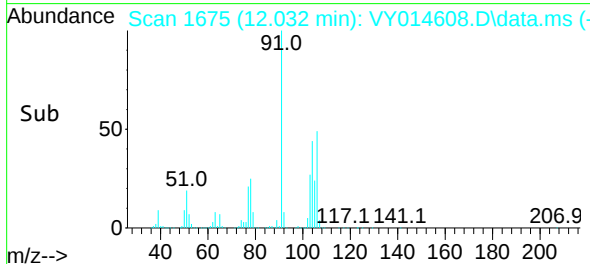
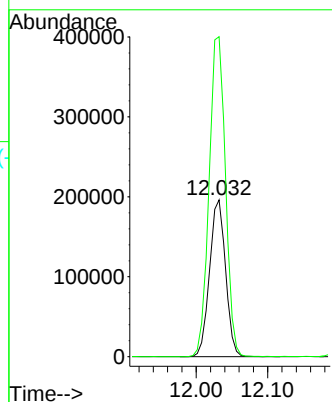
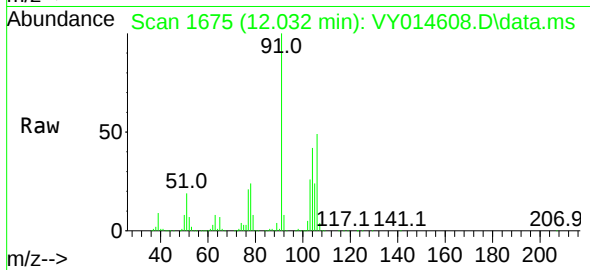
#69
o-Xylene
Concen: 51.506 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 304495
Ion Ratio Lower Upper
106 100
91 209.2 108.1 324.3

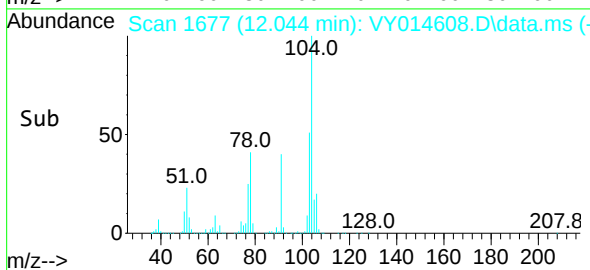
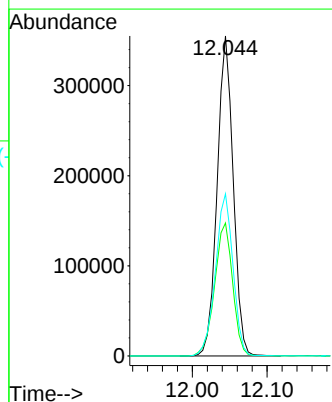
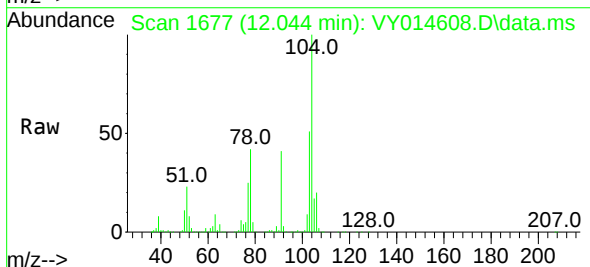
Manual Integrations
APPROVED

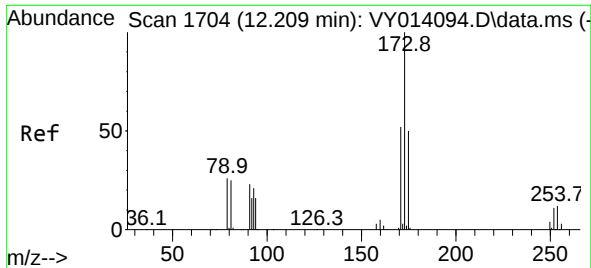
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 52.307 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

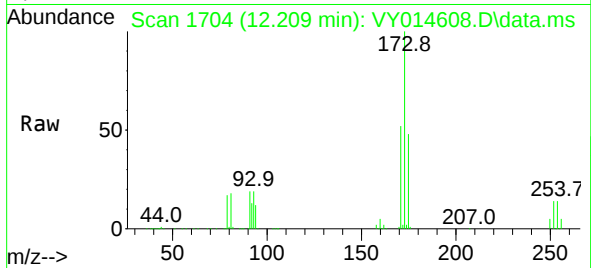
Tgt Ion:104 Resp: 532027
Ion Ratio Lower Upper
104 100
78 46.6 41.5 62.3
103 55.6 44.6 67.0





#71
Bromoform
Concen: 53.248 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

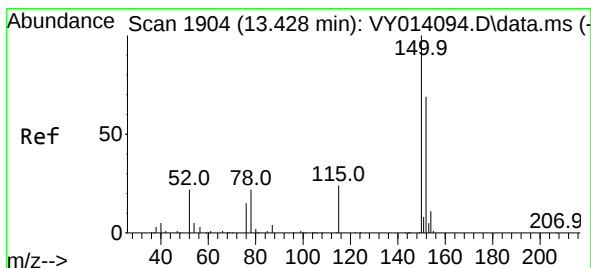
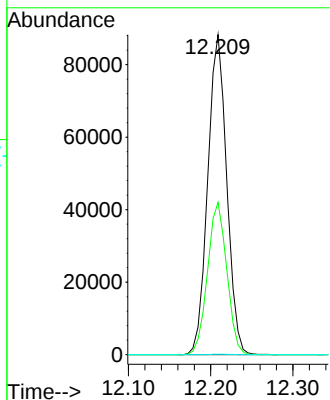
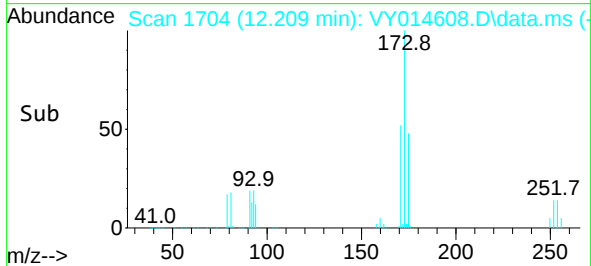
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



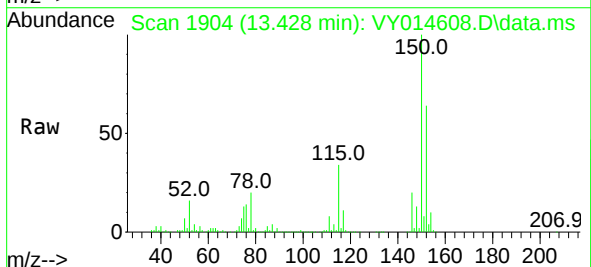
Tgt Ion:173 Resp: 141680
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
APPROVED

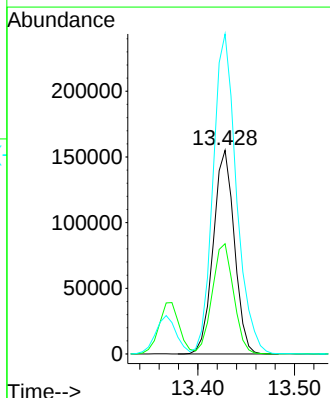
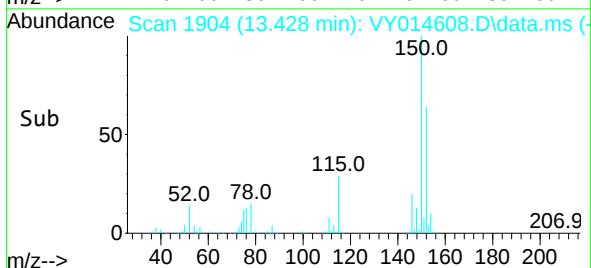
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

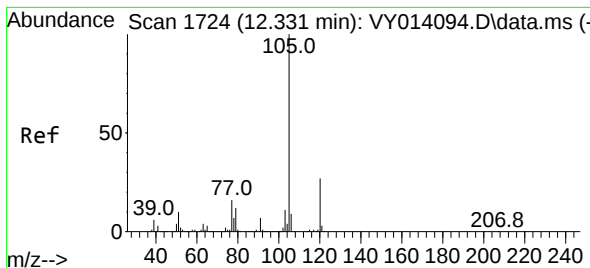


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion:152 Resp: 234753
Ion Ratio Lower Upper
152 100
115 54.6 28.8 86.5
150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 52.162 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 801969

Ion Ratio Lower Upper

105 100

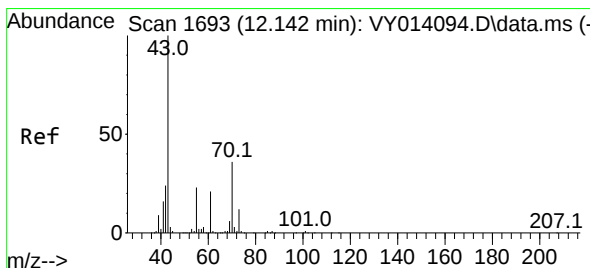
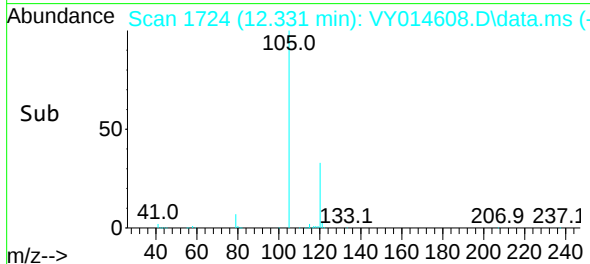
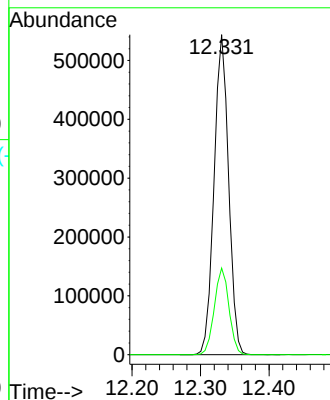
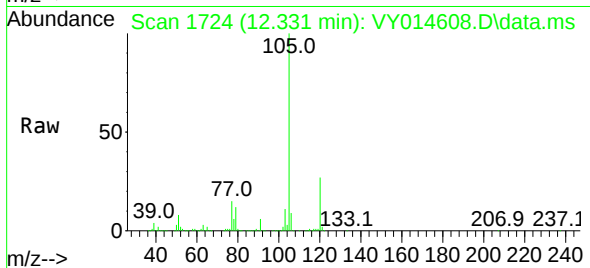
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

N-ethyl acetate

Concen: 51.087 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014608.D

Acq: 10 Jul 2023 10:01

Tgt Ion: 43 Resp: 237056

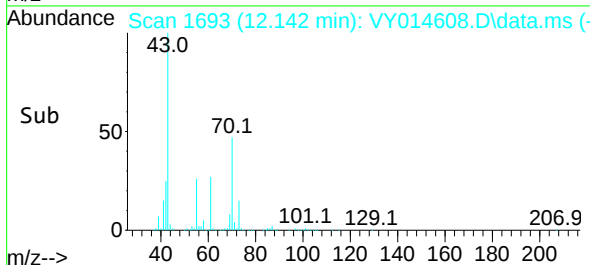
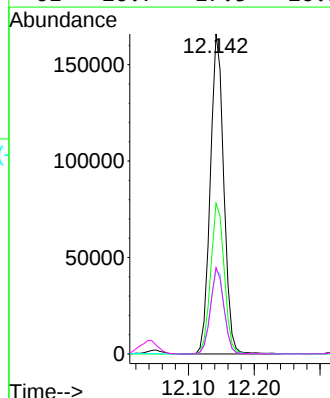
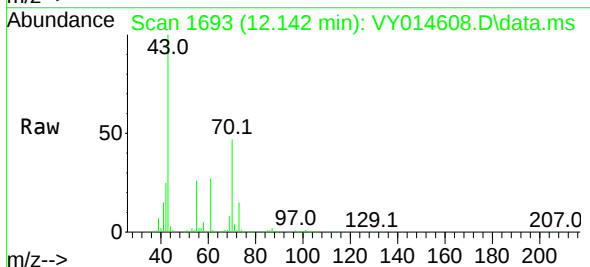
Ion Ratio Lower Upper

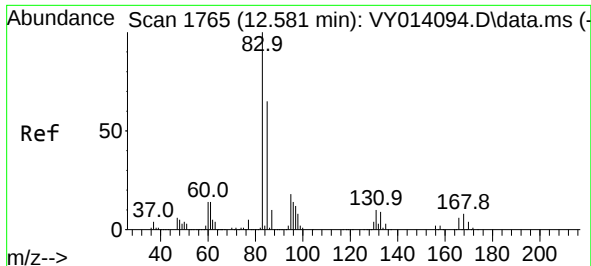
43 100

70 47.4 29.7 44.5#

55 27.2 18.3 27.5

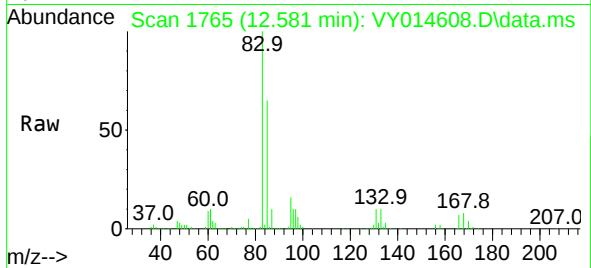
61 26.7 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.286 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

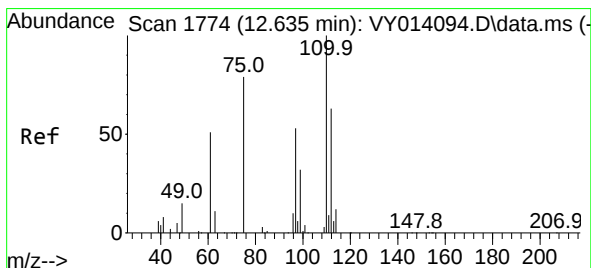
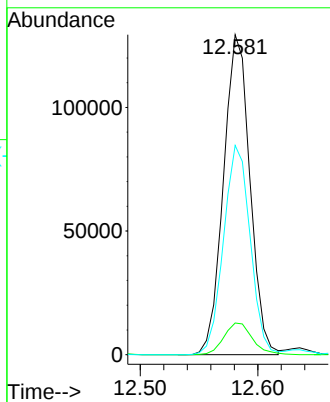
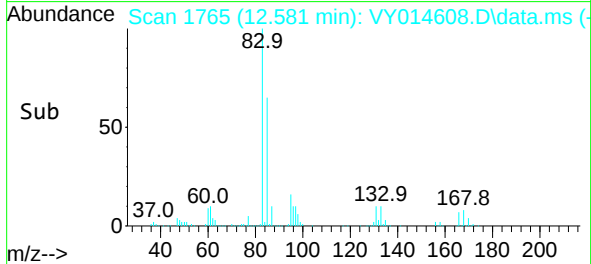
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



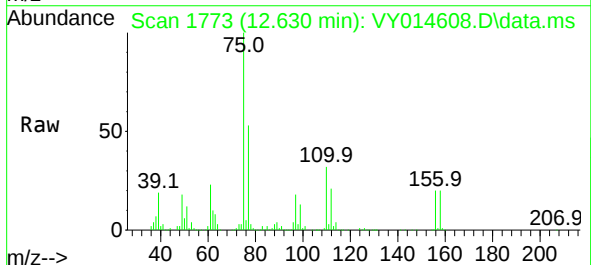
Tgt Ion: 83 Resp: 20234
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.9 31.8 95.4

Manual Integrations
APPROVED

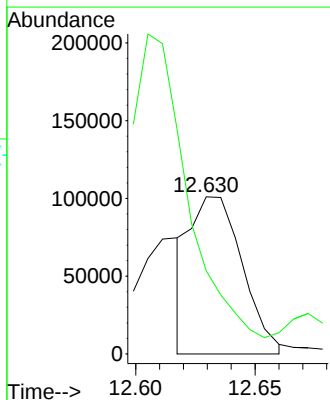
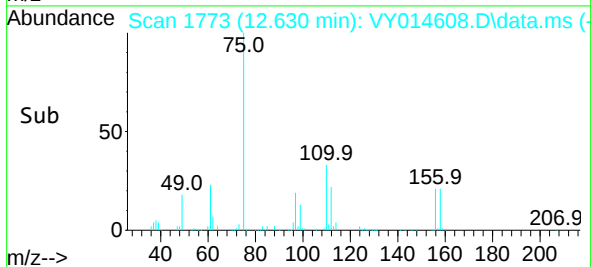
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

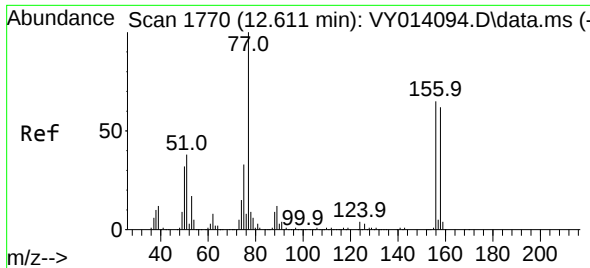


#76
1,2,3-Trichloropropane
Concen: 55.724 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



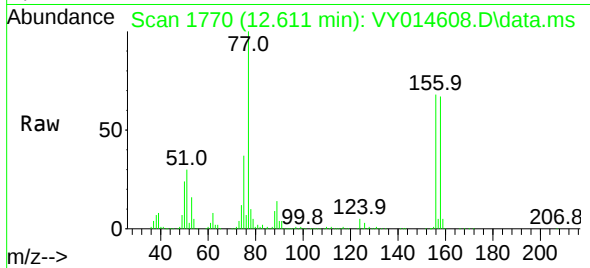
Tgt Ion: 75 Resp: 153505
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.957 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

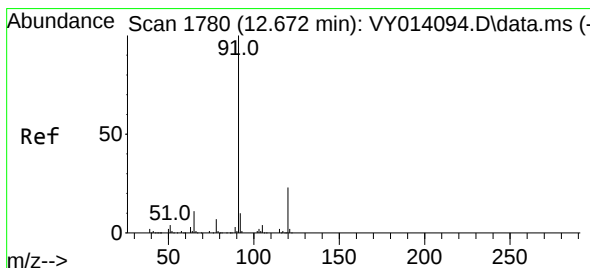
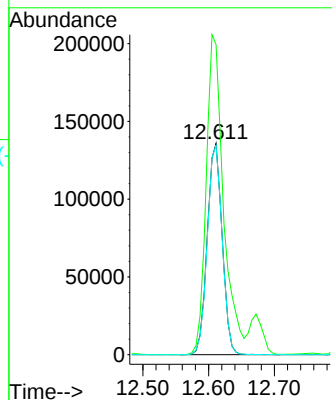
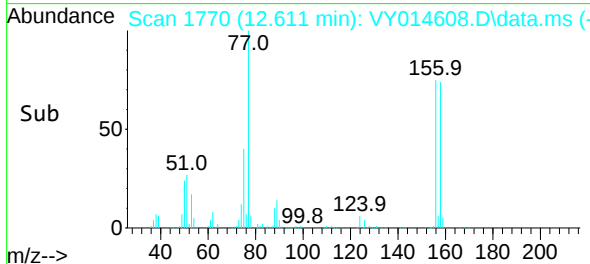
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



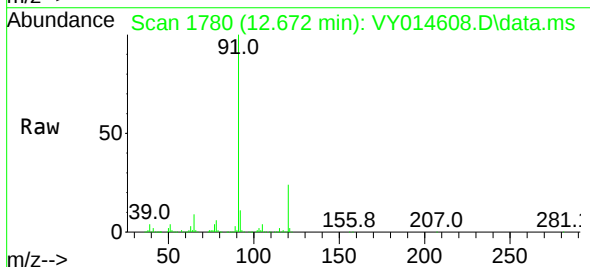
Tgt Ion:156 Resp: 21398
Ion Ratio Lower Upper
156 100
77 175.9 92.8 278.6
158 99.0 48.4 145.3

Manual Integrations
APPROVED

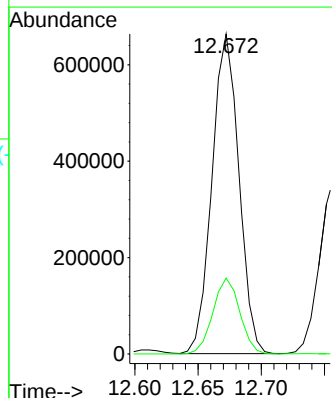
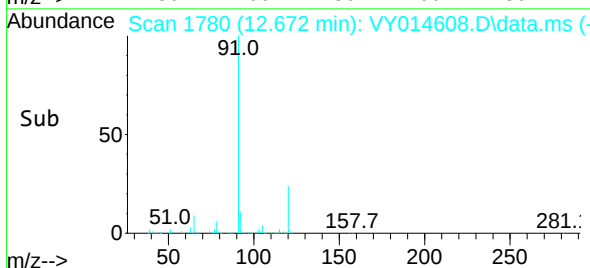
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

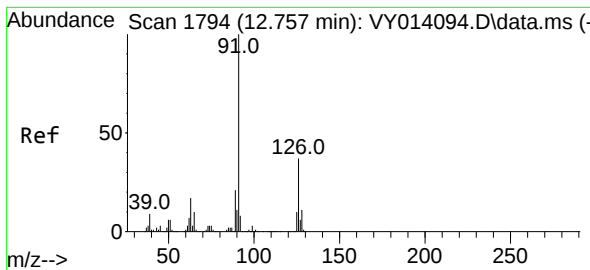


#78
n-propylbenzene
Concen: 52.284 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



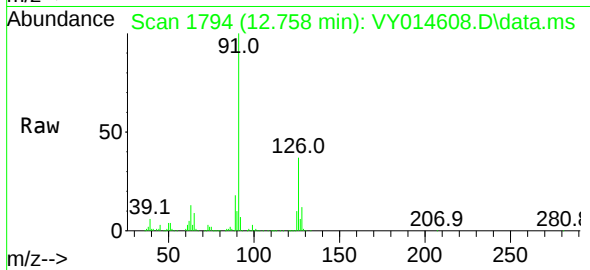
Tgt Ion: 91 Resp: 980560
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.481 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

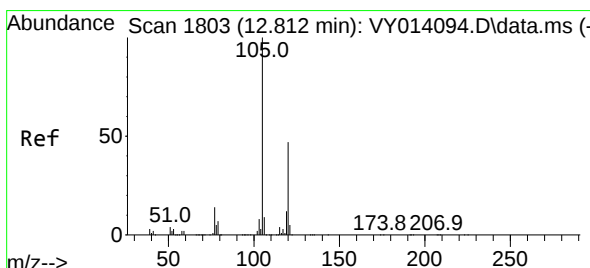
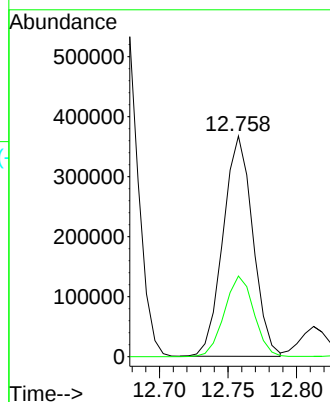
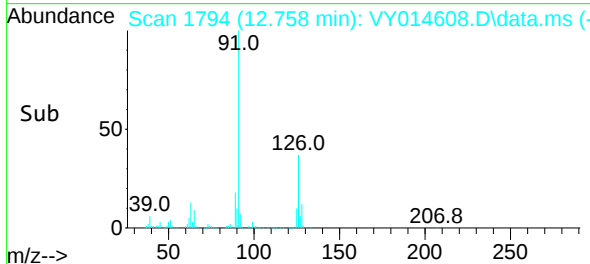
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



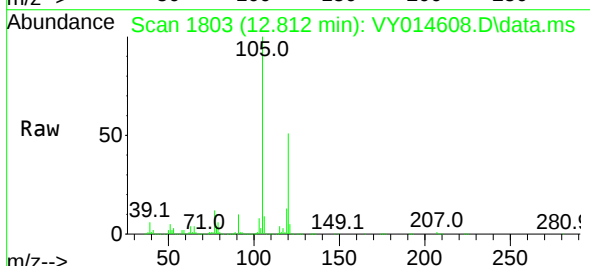
Tgt Ion: 91 Resp: 555644
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.7

Manual Integrations
APPROVED

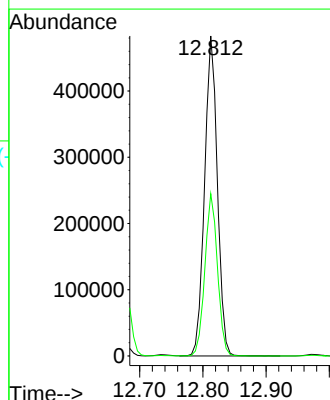
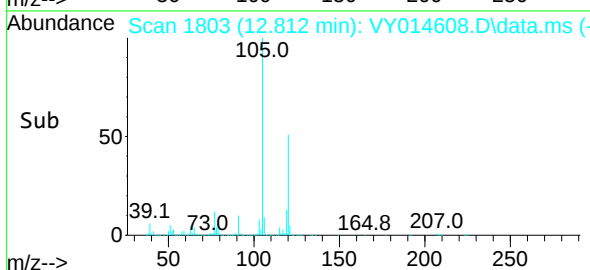
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

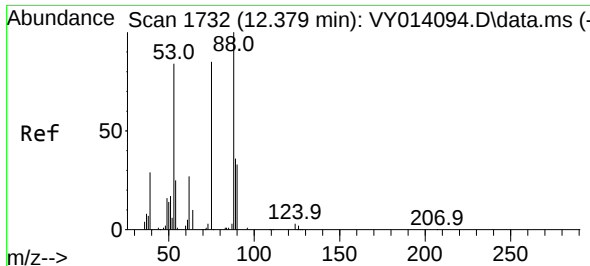


#80
1,3,5-Trimethylbenzene
Concen: 52.356 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



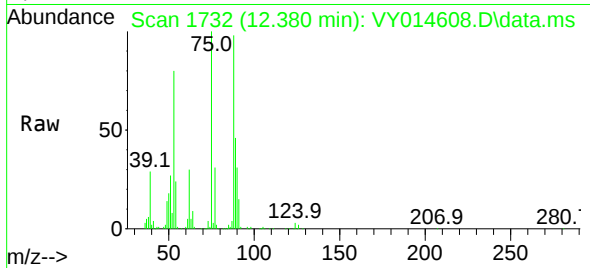
Tgt Ion:105 Resp: 681442
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.468 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

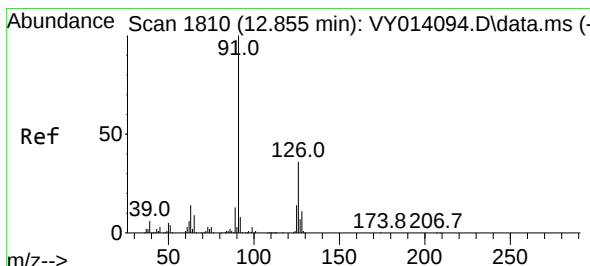
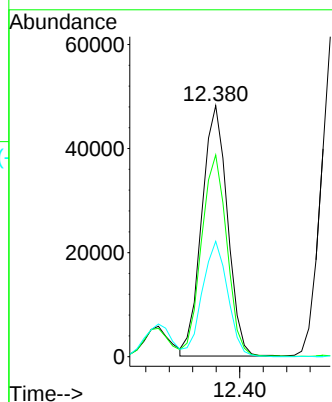
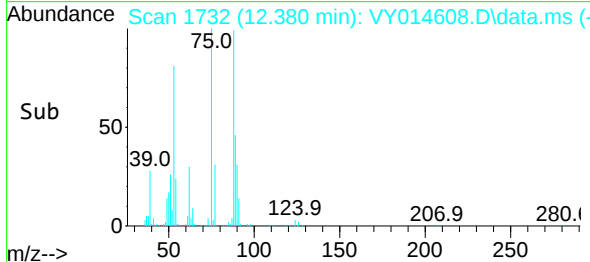
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7284
Ion Ratio Lower Upper
75 100
53 79.9 77.8 116.8
89 45.7 37.4 56.0

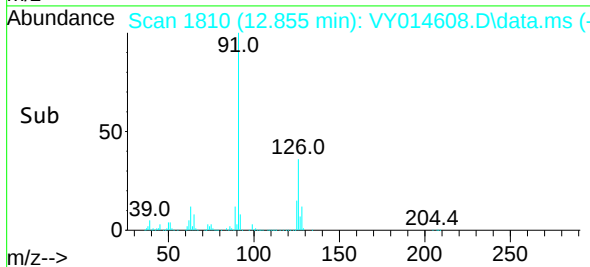
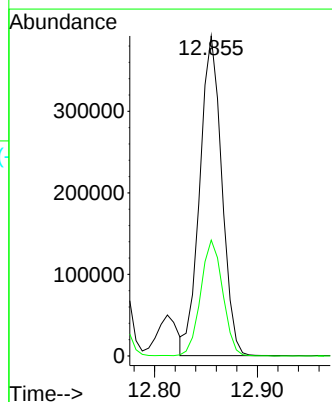
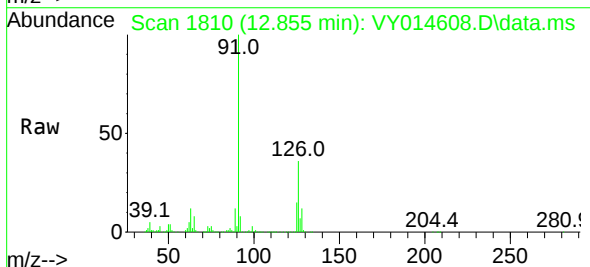
Manual Integrations
APPROVED

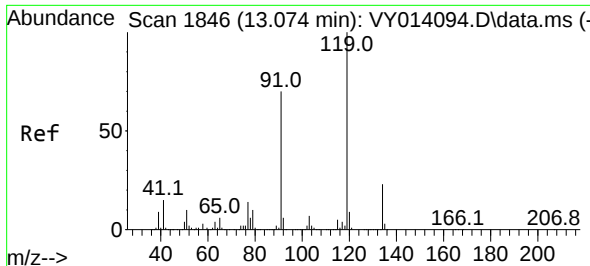
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 51.559 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

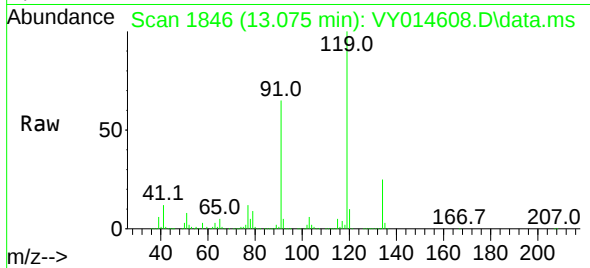
Tgt Ion: 91 Resp: 582992
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.127 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

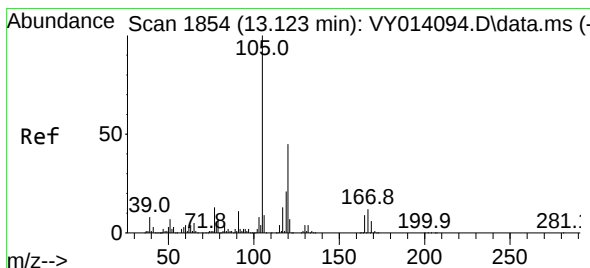
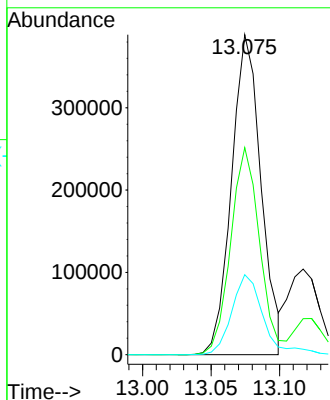
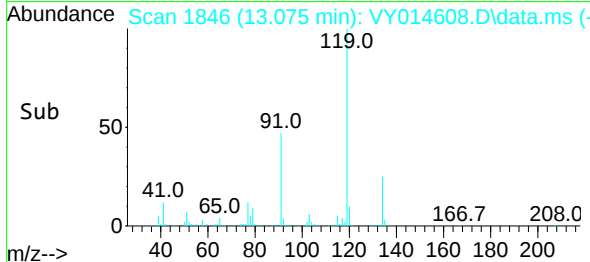
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



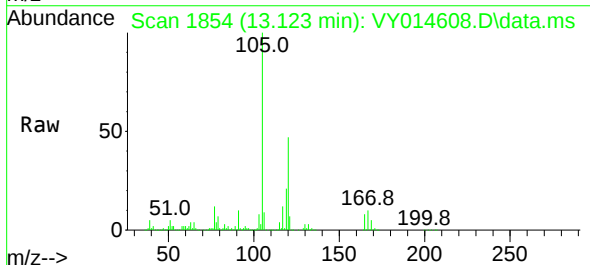
Tgt Ion:119 Resp: 584838
Ion Ratio Lower Upper
119 100
91 63.7 32.9 98.6
134 26.6 13.0 38.9

Manual Integrations
APPROVED

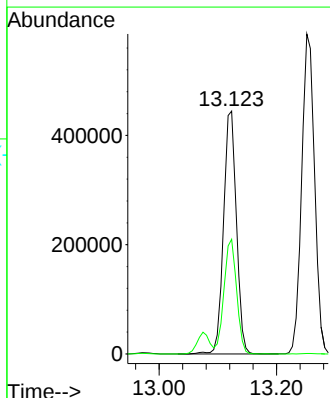
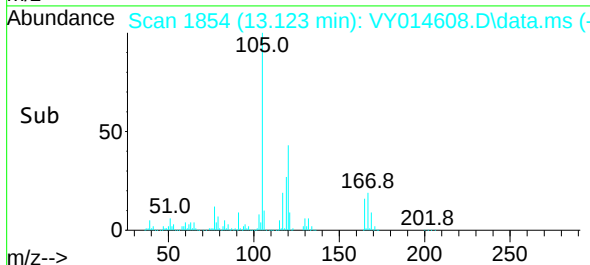
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

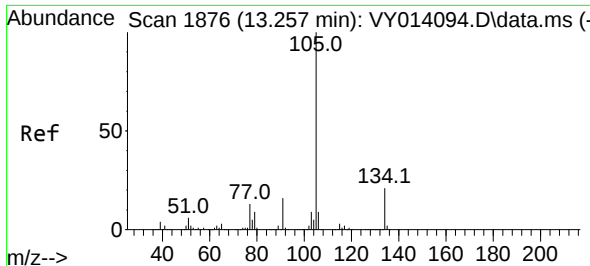


#84
1,2,4-Trimethylbenzene
Concen: 52.069 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion:105 Resp: 676277
Ion Ratio Lower Upper
105 100
120 46.5 22.2 66.6





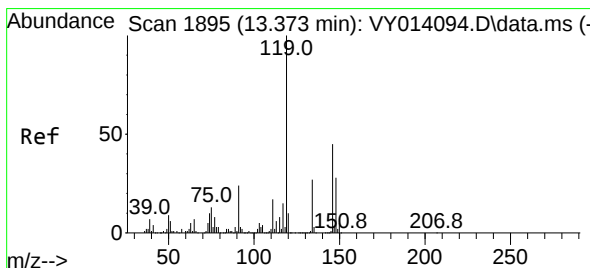
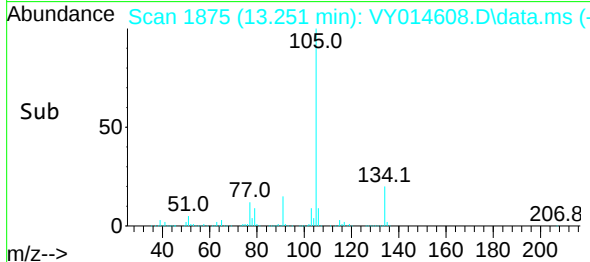
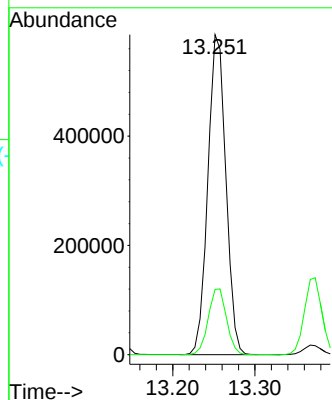
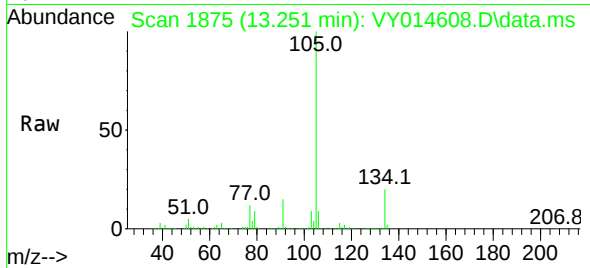
#85
 sec-Butylbenzene
 Concen: 52.702 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 889590
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

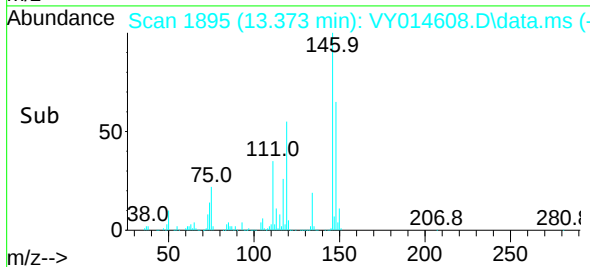
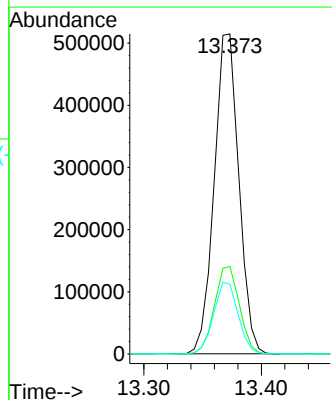
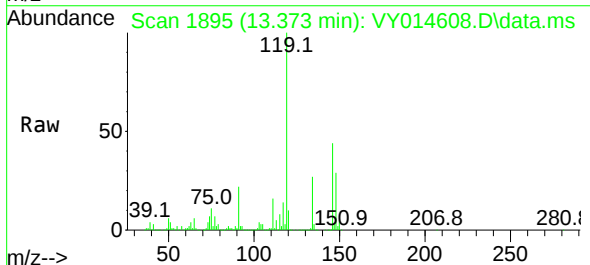
Manual Integrations
 APPROVED

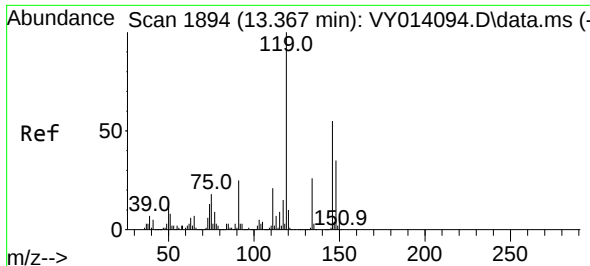
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 52.764 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014608.D
 Acq: 10 Jul 2023 10:01

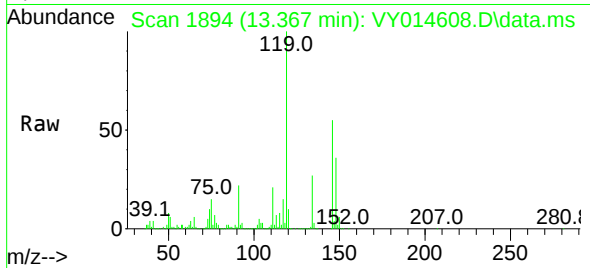
Tgt Ion:119 Resp: 749521
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.3 39.8
 91 22.3 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 51.393 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

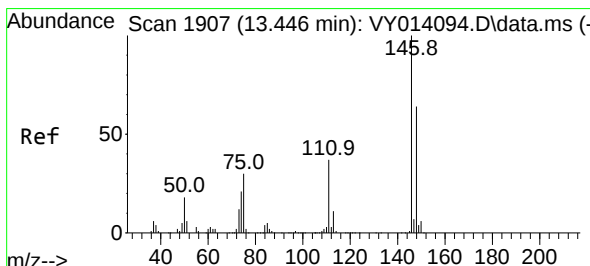
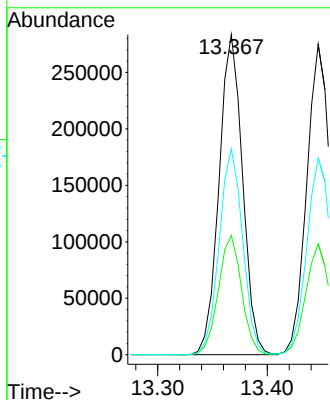
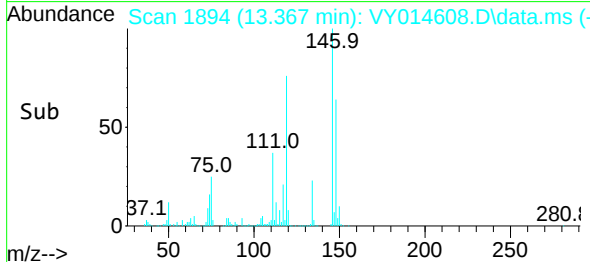
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



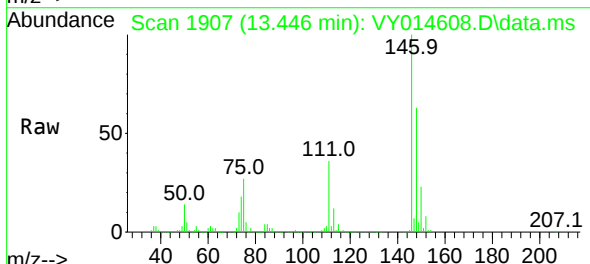
Tgt Ion:146 Resp: 421963
Ion Ratio Lower Upper
146 100
111 36.9 19.4 58.2
148 64.3 31.9 95.5

Manual Integrations
APPROVED

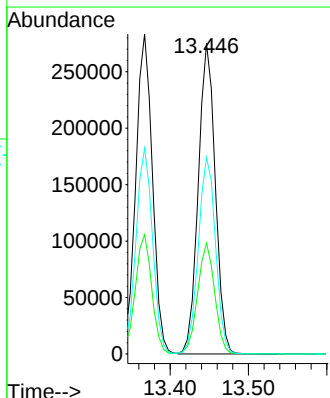
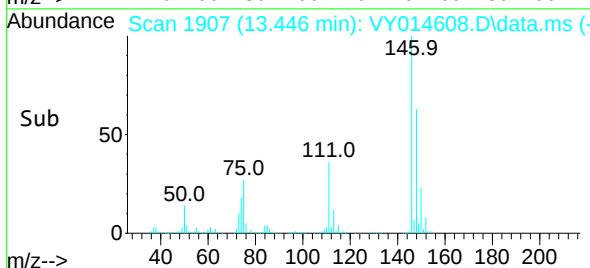
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

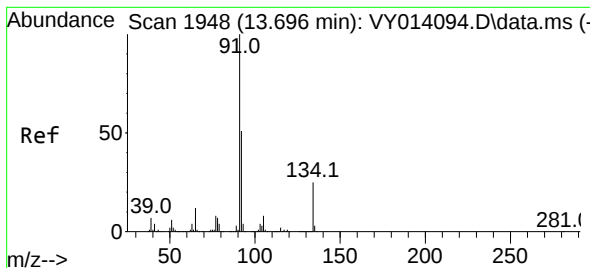


#88
1,4-Dichlorobenzene
Concen: 50.448 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



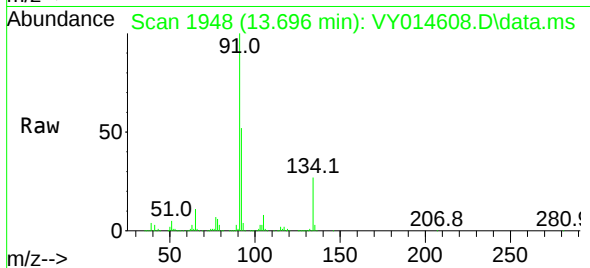
Tgt Ion:146 Resp: 415106
Ion Ratio Lower Upper
146 100
111 35.7 18.9 56.7
148 64.5 32.1 96.5





#89
n-Butylbenzene
Concen: 53.667 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

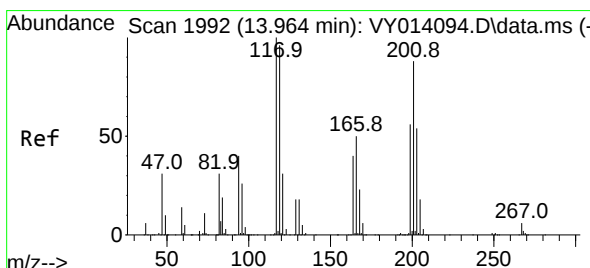
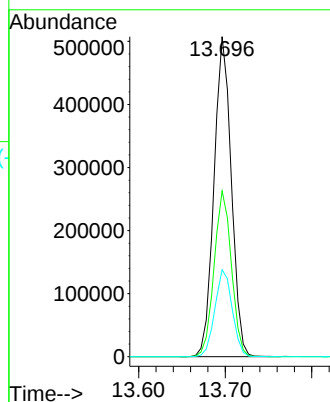
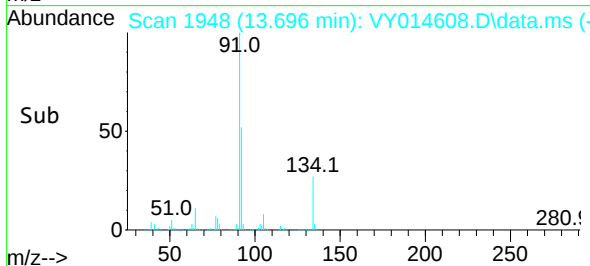
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



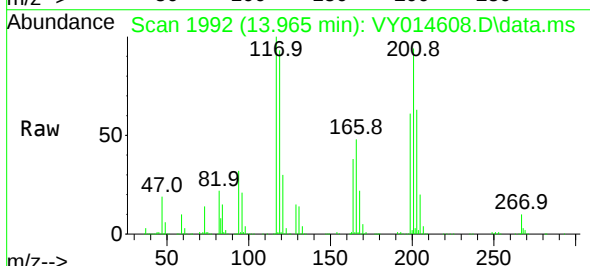
Tgt Ion: 91 Resp: 704524
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 27.3 12.6 37.6

Manual Integrations
APPROVED

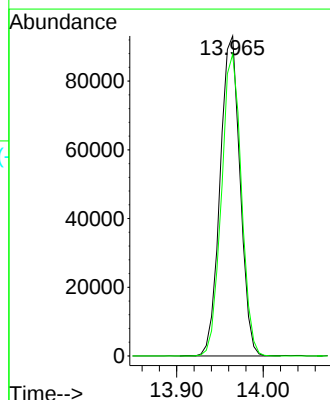
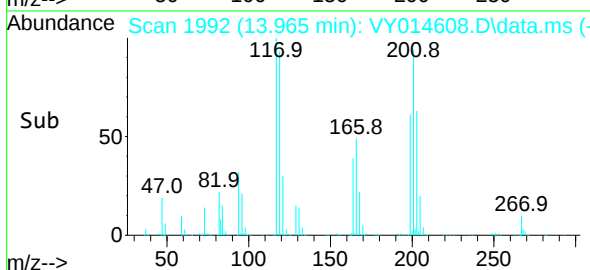
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

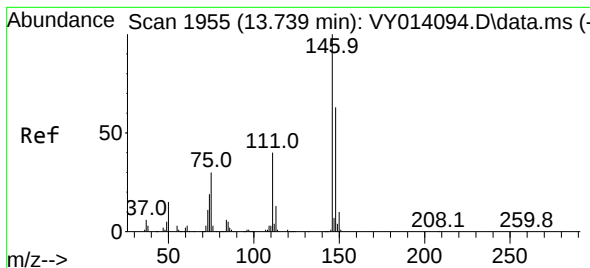


#90
Hexachloroethane
Concen: 52.889 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



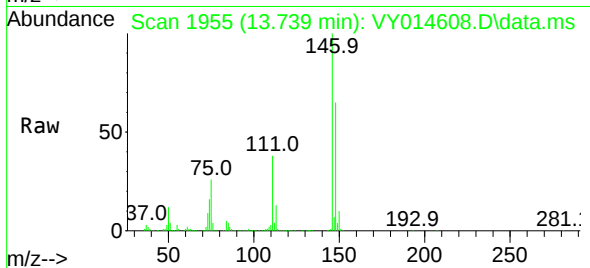
Tgt Ion:117 Resp: 148820
Ion Ratio Lower Upper
117 100
201 94.0 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 51.504 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

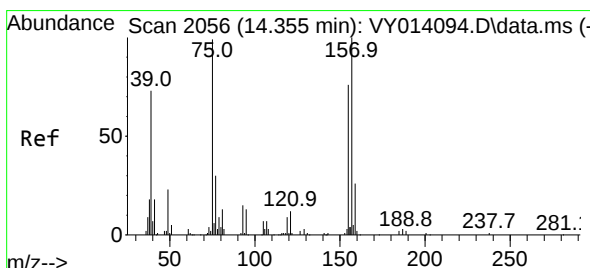
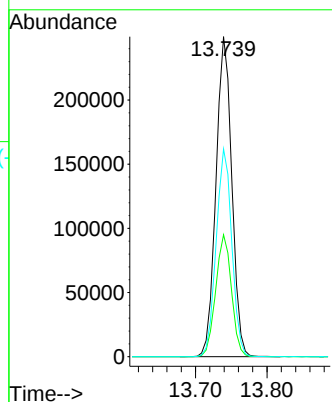
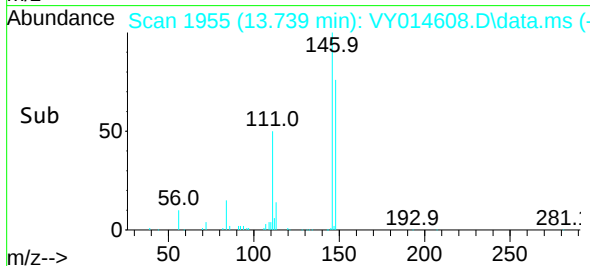
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



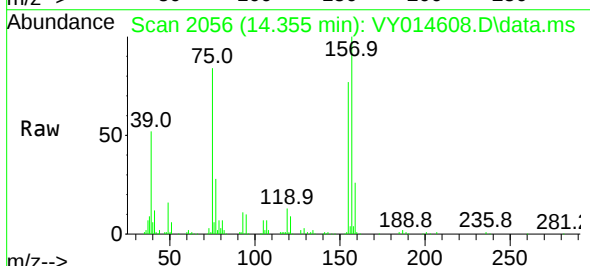
Tgt Ion:146 Resp: 38303
Ion Ratio Lower Upper
146 100
111 38.0 19.7 59.0
148 64.2 32.0 96.2

Manual Integrations
APPROVED

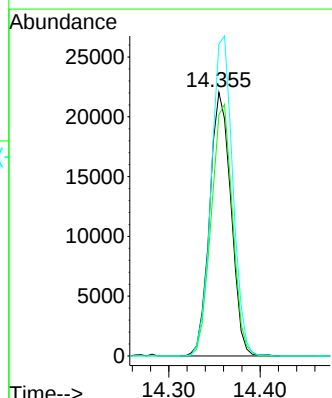
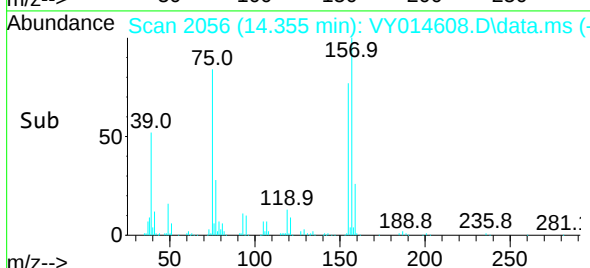
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

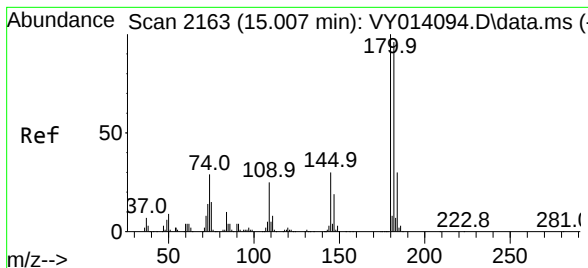


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.398 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



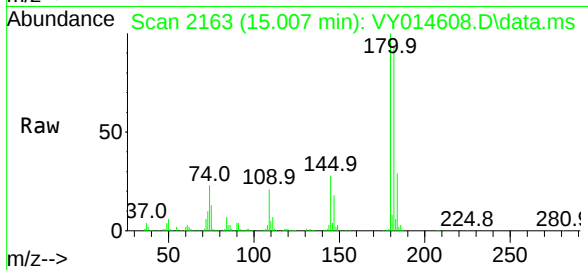
Tgt Ion: 75 Resp: 35682
Ion Ratio Lower Upper
75 100
155 95.5 41.5 124.6
157 122.3 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 53.711 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

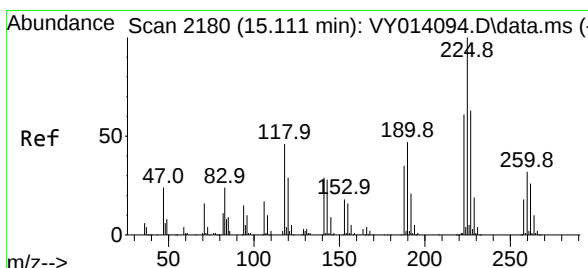
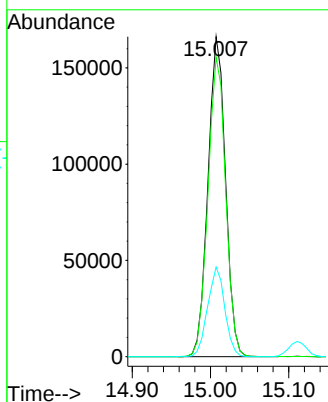
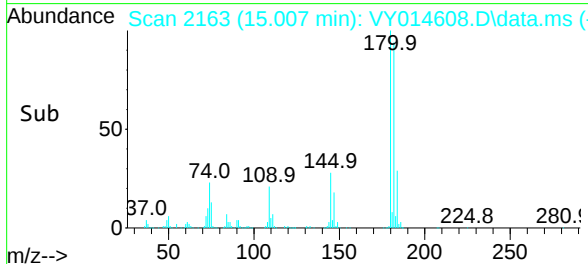
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



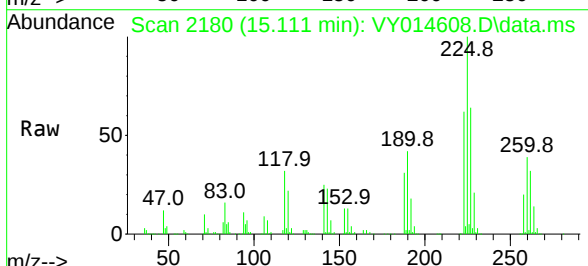
Tgt Ion:180 Resp: 25800
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 27.4 14.5 43.5

Manual Integrations
APPROVED

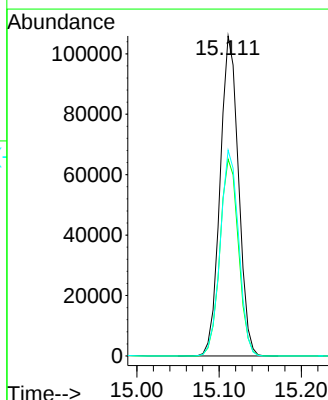
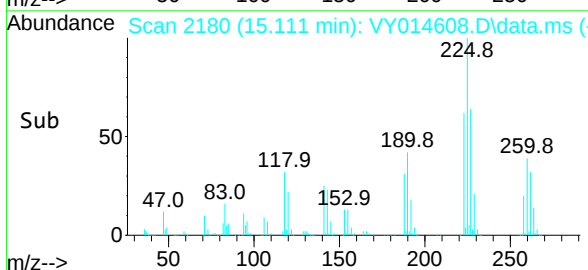
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

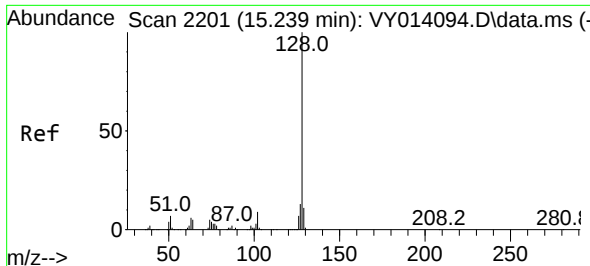


#94
Hexachlorobutadiene
Concen: 55.724 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



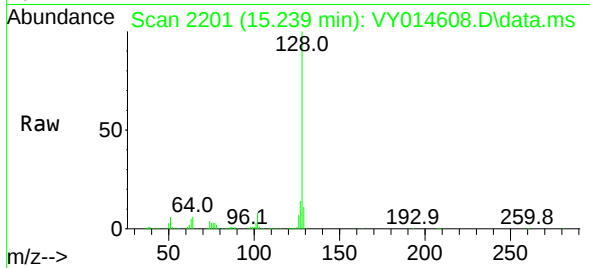
Tgt Ion:225 Resp: 164513
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 64.5 33.0 98.9





#95
Naphthalene
Concen: 52.053 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01

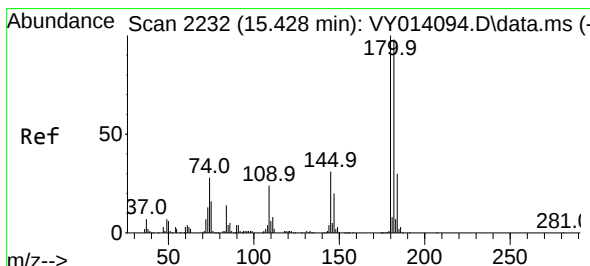
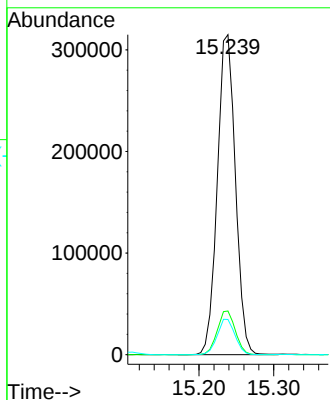
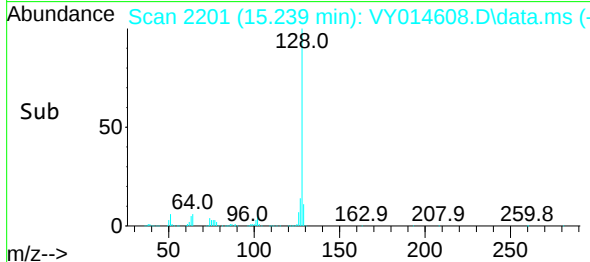
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



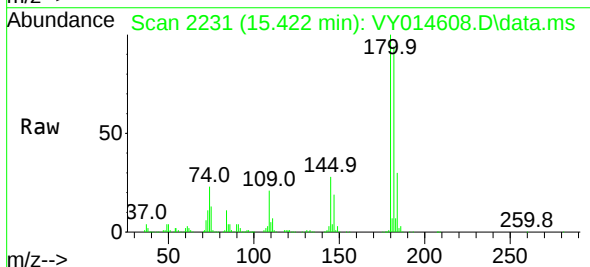
Tgt Ion:128 Resp: 53197
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.015 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014608.D
Acq: 10 Jul 2023 10:01



Tgt Ion:180 Resp: 236412
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 28.8 15.4 46.2

