

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014765.D
 Acq On : 24 Jul 2023 12:21
 Operator : SY/MD
 Sample : VY0724SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 24 13:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	356539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130463	47.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.440%		
35) Dibromofluoromethane	7.710	113	121337	47.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.200%		
50) Toluene-d8	10.173	98	431920	45.963	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.920%		
62) 4-Bromofluorobenzene	12.477	95	161261	44.755	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	40622	20.565	ug/l	98
3) Chloromethane	2.107	50	51517	23.201	ug/l	100
4) Vinyl Chloride	2.241	62	58093	23.410	ug/l	99
5) Bromomethane	2.619	94	38862	23.697	ug/l	95
6) Chloroethane	2.778	64	36409	23.488	ug/l	94
7) Trichlorofluoromethane	3.113	101	83425	20.017	ug/l	94
8) Diethyl Ether	3.521	74	30092	19.405	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	48547	19.004	ug/l	96
10) Methyl Iodide	4.082	142	53164	21.071	ug/l	97
11) Tert butyl alcohol	4.942	59	82616	134.705	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	45627	19.111	ug/l	94
13) Acrolein	3.723	56	25865	89.569	ug/l	97
14) Allyl chloride	4.472	41	74607	17.599	ug/l	97
15) Acrylonitrile	5.155	53	89541	104.713	ug/l	99
16) Acetone	3.948	43	78791	89.995	ug/l	94
17) Carbon Disulfide	4.180	76	126842	18.557	ug/l	99
18) Methyl Acetate	4.472	43	76200	22.680	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	151389	19.520	ug/l	99
20) Methylene Chloride	4.704	84	66000	20.734	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	51602	19.045	ug/l	97
22) Diisopropyl ether	6.119	45	160049	18.570	ug/l	92
23) Vinyl Acetate	6.051	43	481769	93.408	ug/l	96
24) 1,1-Dichloroethane	6.009	63	92109	18.678	ug/l	98
25) 2-Butanone	6.978	43	128582	100.387	ug/l	95
26) 2,2-Dichloropropane	6.972	77	85242	18.137	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	61190	19.402	ug/l	95
28) Bromochloromethane	7.326	49	41434	19.509	ug/l	92
29) Tetrahydrofuran	7.338	42	84490	107.126	ug/l	93
30) Chloroform	7.502	83	98459	19.361	ug/l	95
31) Cyclohexane	7.783	56	81774	17.830	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	87492	19.116	ug/l	99
36) 1,1-Dichloropropene	7.911	75	71945	18.875	ug/l	99
37) Ethyl Acetate	7.070	43	53599	20.424	ug/l #	94
38) Carbon Tetrachloride	7.893	117	77026	19.116	ug/l	99
39) Methylcyclohexane	9.179	83	91545	18.435	ug/l	94
40) Benzene	8.155	78	208490	19.232	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26087m	19.326	ug/l	
42) 1,2-Dichloroethane	8.234	62	68223	19.873	ug/l	94
43) Isopropyl Acetate	8.271	43	99451	19.894	ug/l	97
44) Trichloroethene	8.935	130	58653	19.337	ug/l	100
45) 1,2-Dichloropropane	9.209	63	52856	18.672	ug/l	96
46) Dibromomethane	9.301	93	33771	19.665	ug/l	97
47) Bromodichloromethane	9.490	83	77093	19.047	ug/l	97
48) Methyl methacrylate	9.289	41	43628	19.395	ug/l	93
49) 1,4-Dioxane	9.295	88	11400	407.117	ug/l #	60
51) 4-Methyl-2-Pentanone	10.063	43	278154	105.972	ug/l	94
52) Toluene	10.240	92	133664	19.268	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	83756	18.918	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	88644	18.412	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	48347	20.211	ug/l	97
56) Ethyl methacrylate	10.508	69	71437	19.559	ug/l	90
57) 1,3-Dichloropropane	10.782	76	80373	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	171427	100.733	ug/l	93
59) 2-Hexanone	10.825	43	200558	104.777	ug/l	92
60) Dibromochloromethane	10.977	129	57733	19.685	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47873	20.061	ug/l	99
64) Tetrachloroethene	10.715	164	56729	19.783	ug/l	96
65) Chlorobenzene	11.514	112	145326	19.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55668	19.433	ug/l	99
67) Ethyl Benzene	11.587	91	260543	18.993	ug/l	99
68) m/p-Xylenes	11.697	106	200353	38.261	ug/l	96
69) o-Xylene	12.026	106	98102	19.234	ug/l	98
70) Styrene	12.038	104	166125	19.325	ug/l	97
71) Bromoform	12.203	173	39735	20.463	ug/l #	98
73) Isopropylbenzene	12.325	105	256996	18.277	ug/l	100
74) N-amyl acetate	12.136	43	86787	18.429	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	61386	19.144	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	52825m	23.291	ug/l	
77) Bromobenzene	12.605	156	61445	19.144	ug/l	98
78) n-propylbenzene	12.666	91	309806	18.284	ug/l	100
79) 2-Chlorotoluene	12.751	91	177435	18.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	214749	18.287	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	21576	18.419	ug/l	92
82) 4-Chlorotoluene	12.849	91	179147	17.824	ug/l	99
83) tert-Butylbenzene	13.069	119	193053	18.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	212600	18.448	ug/l	98
85) sec-Butylbenzene	13.251	105	281261	18.406	ug/l	100
86) p-Isopropyltoluene	13.367	119	234982	18.834	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	120773	19.333	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	118677	18.958	ug/l	98
89) n-Butylbenzene	13.690	91	220656	18.178	ug/l	97
90) Hexachloroethane	13.959	117	46039	17.965	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	110983	19.391	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12414	20.244	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	68367	18.818	ug/l	98
94) Hexachlorobutadiene	15.105	225	36572	18.318	ug/l	99
95) Naphthalene	15.233	128	165550	19.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61597	19.077	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

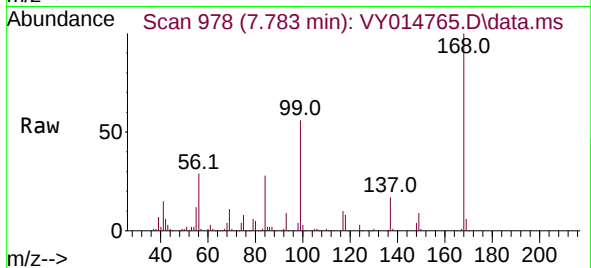
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014765.D
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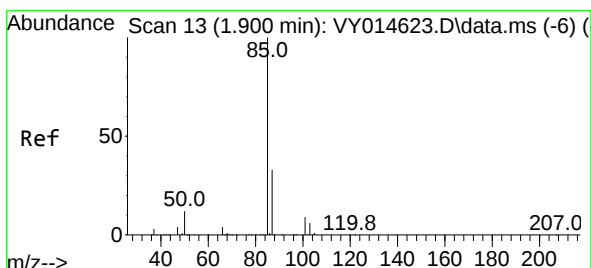
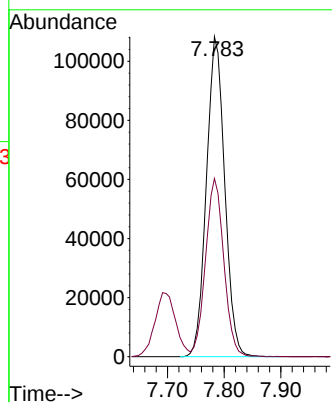
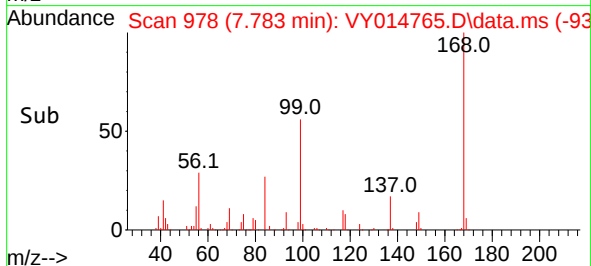
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion:168 Resp: 242452
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

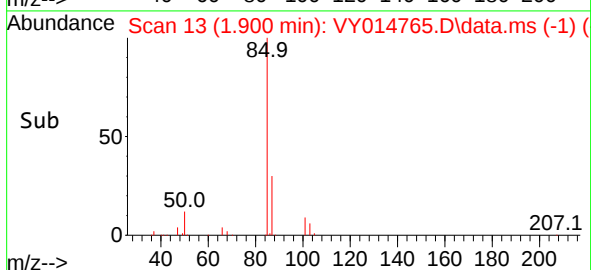
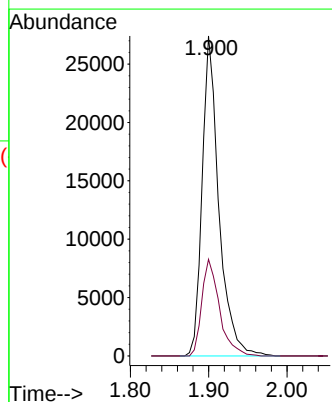
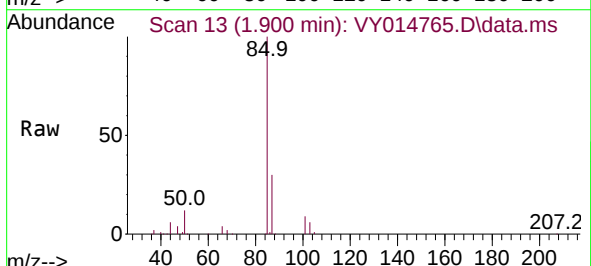
Manual Integrations
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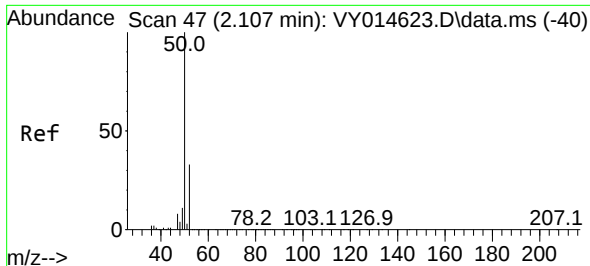
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#2
Dichlorodifluoromethane
Concen: 20.565 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

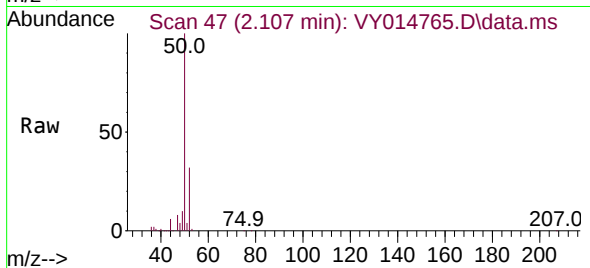
Tgt Ion: 85 Resp: 40622
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8





#3
Chloromethane
Concen: 23.201 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

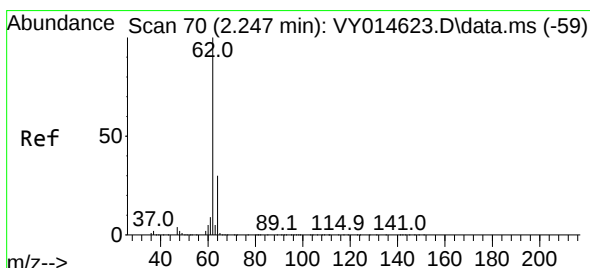
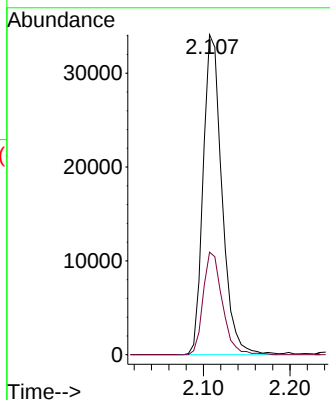
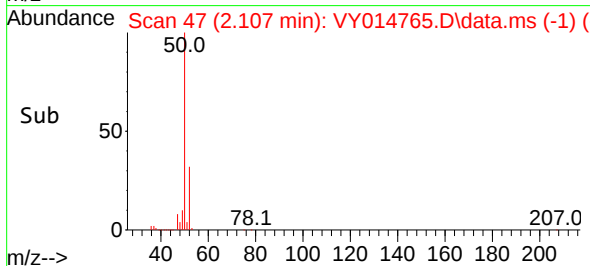
Instrument :
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ClientSampleId :
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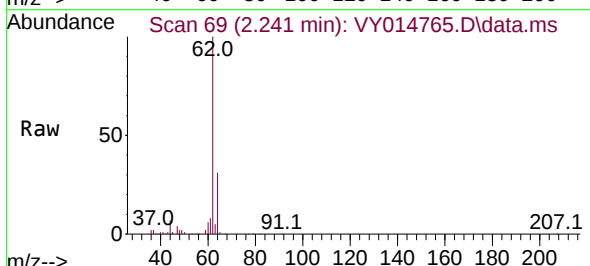
Tgt Ion: 50 Resp: 5151
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

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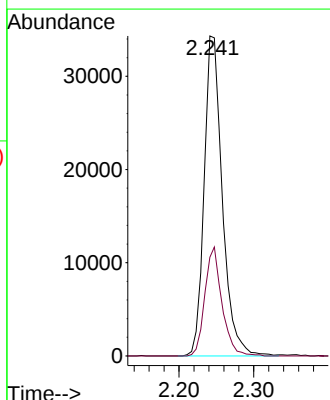
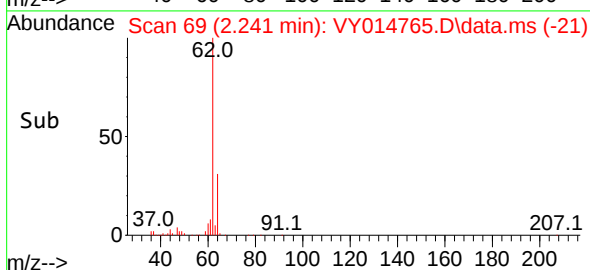
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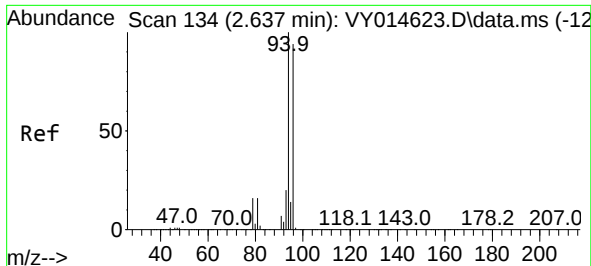


#4
Vinyl Chloride
Concen: 23.410 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



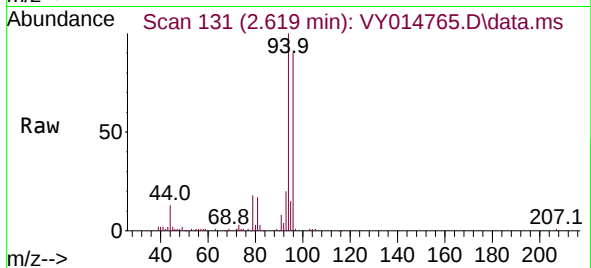
Tgt Ion: 62 Resp: 58093
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 23.697 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

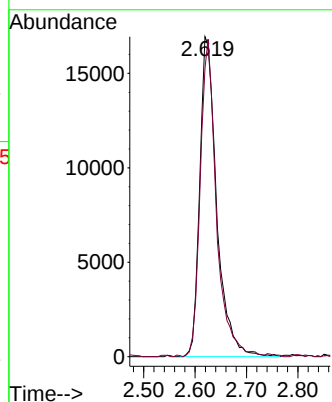
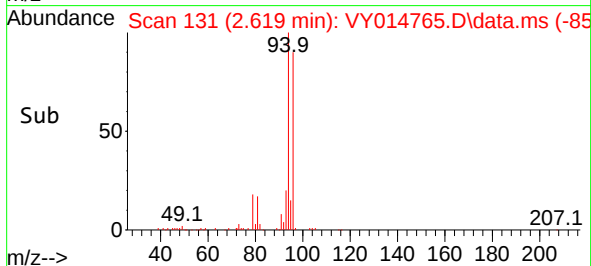
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



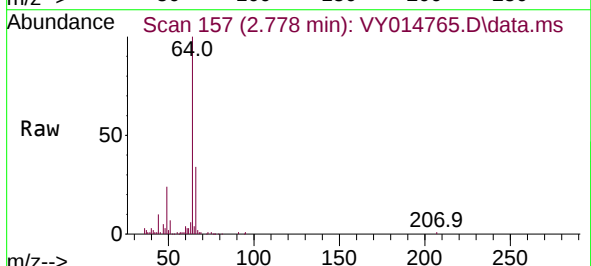
Tgt Ion: 94 Resp: 3886
Ion Ratio Lower Upper
94 100
96 89.7 75.8 113.6

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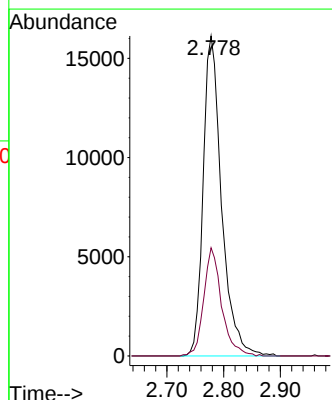
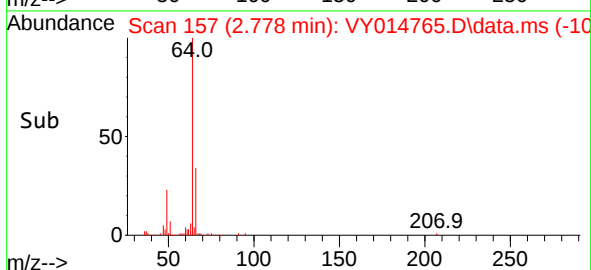
Reviewed By :John Carlone 07/25/2023
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#6
Chloroethane
Concen: 23.488 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



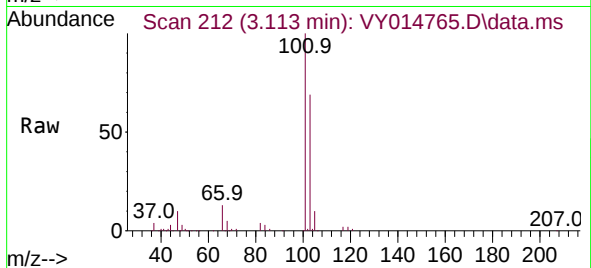
Tgt Ion: 64 Resp: 36409
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.017 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

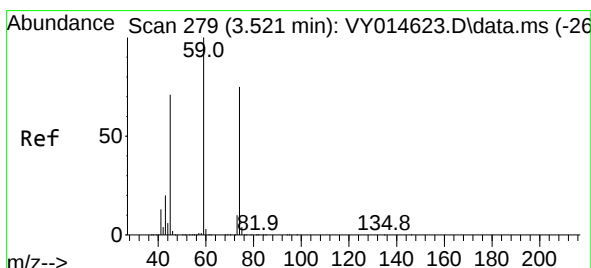
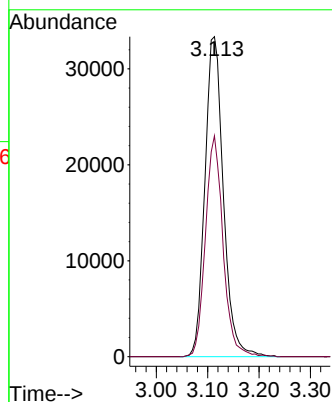
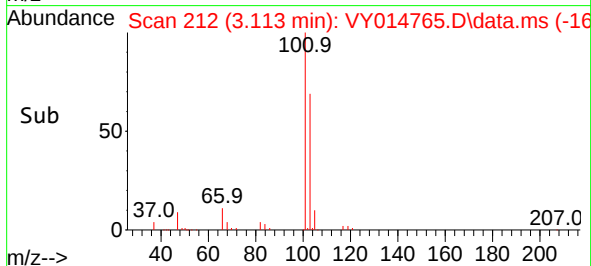
Instrument :
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Tgt Ion: 101 Resp: 83425
 Ion Ratio Lower Upper
 101 100
 103 69.0 51.4 77.0

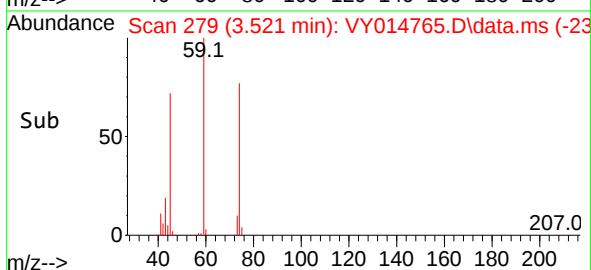
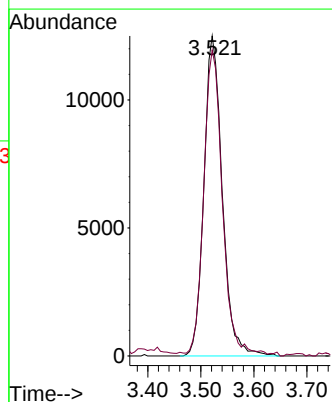
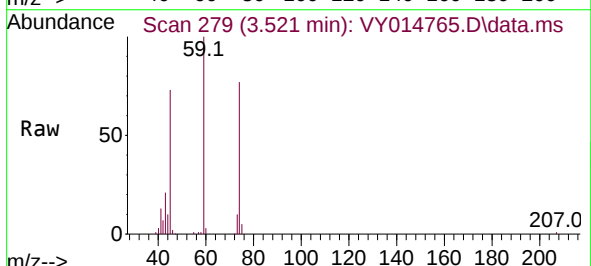
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#8
 Diethyl Ether
 Concen: 19.405 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Tgt Ion: 74 Resp: 30092
 Ion Ratio Lower Upper
 74 100
 45 94.8 51.5 154.5





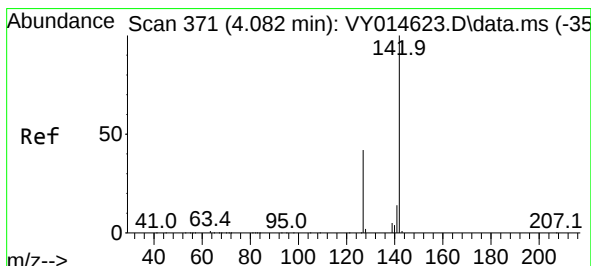
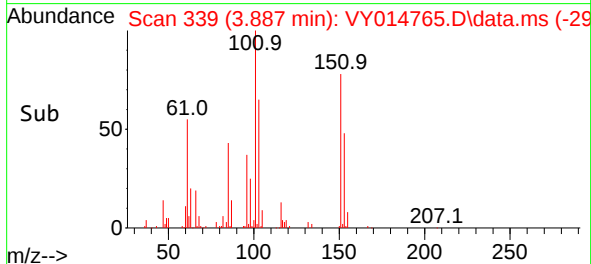
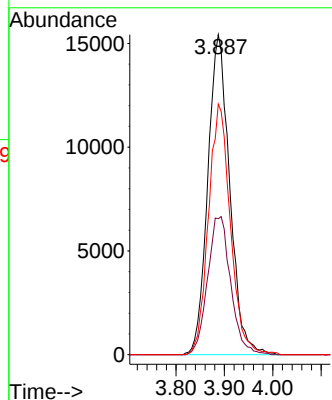
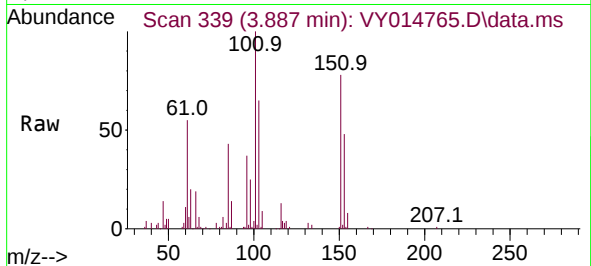
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.004 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014765.D
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Tgt Ion:101 Resp: 4854
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 78.5 67.0 100.6

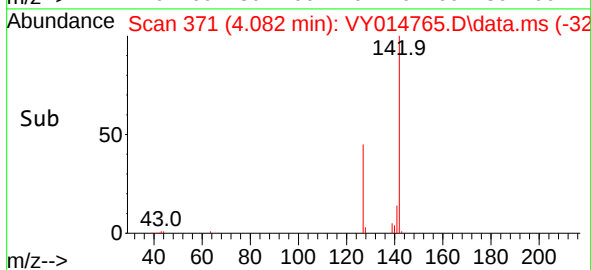
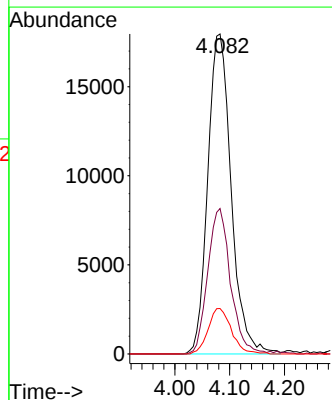
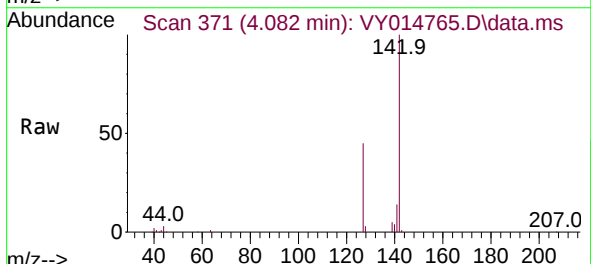
Manual Integrations
APPROVED

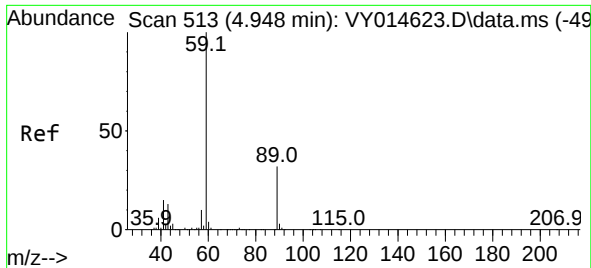
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 21.071 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

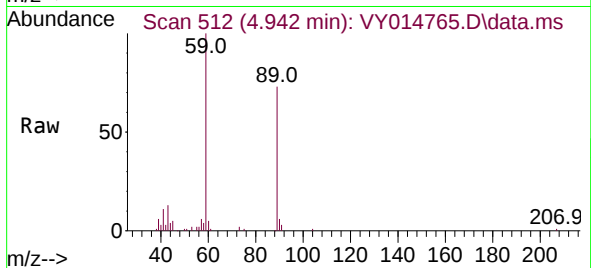
Tgt Ion:142 Resp: 53164
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 134.705 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

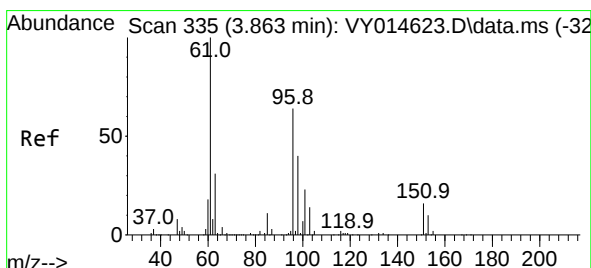
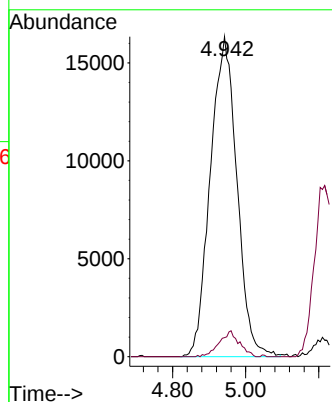
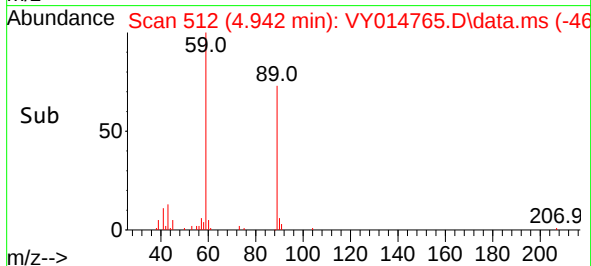
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion: 59 Resp: 82610
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.4

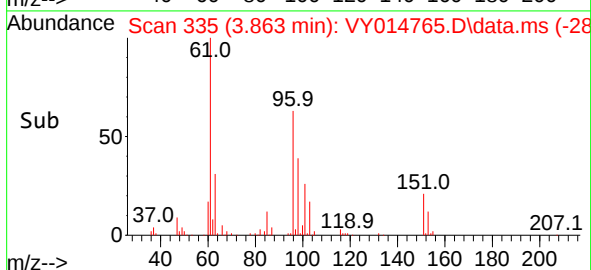
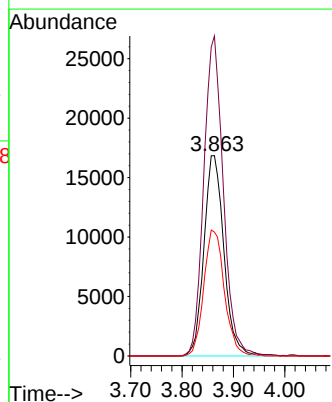
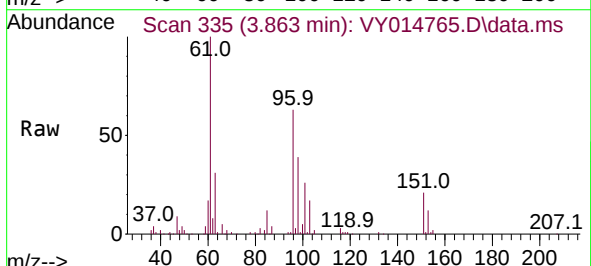
Manual Integrations
APPROVED

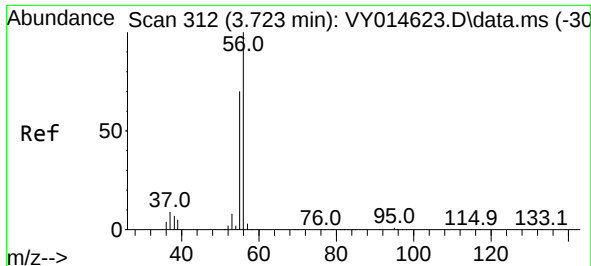
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#12
1,1-Dichloroethene
Concen: 19.111 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

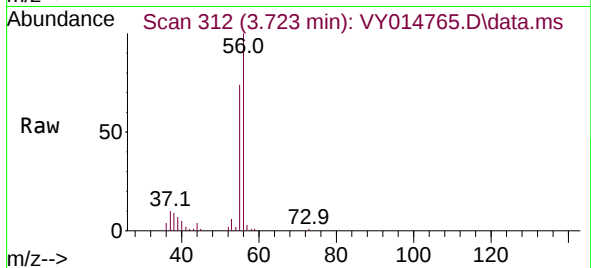
Tgt Ion: 96 Resp: 45627
Ion Ratio Lower Upper
96 100
61 159.7 136.4 204.6
98 61.8 49.4 74.2





#13
Acrolein
Concen: 89.569 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

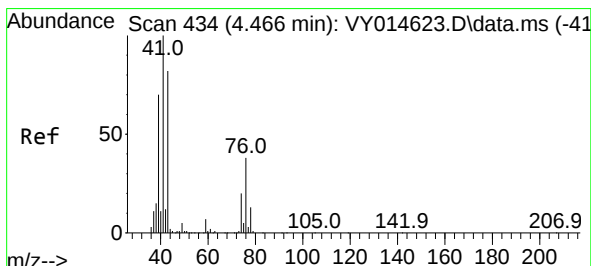
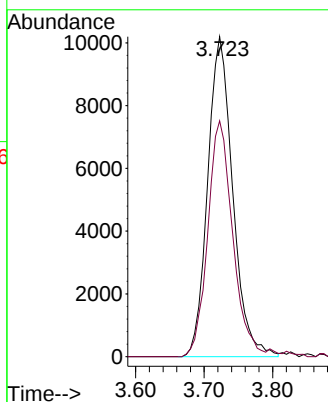
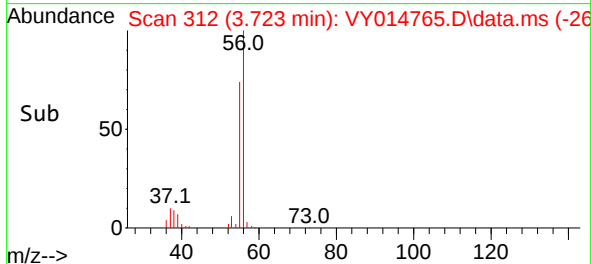
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



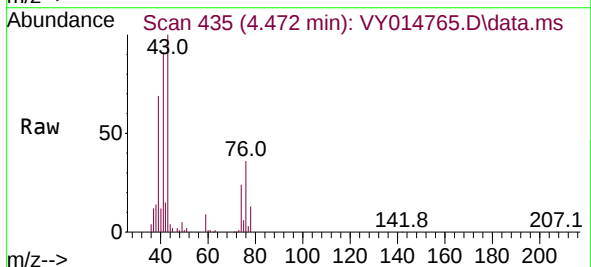
Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
55 73.4 57.0 85.4

Manual Integrations
APPROVED

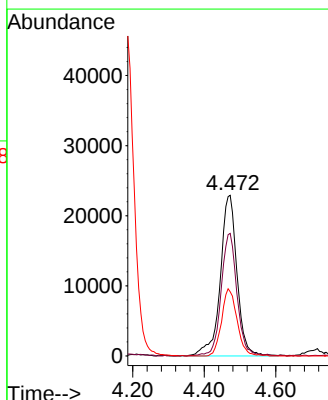
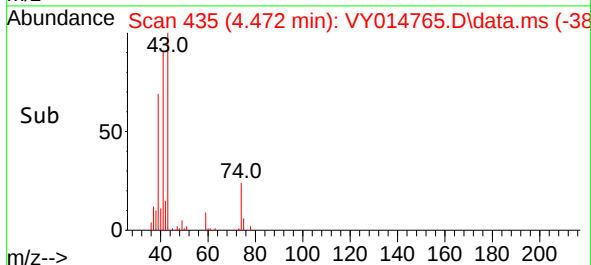
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 17.599 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



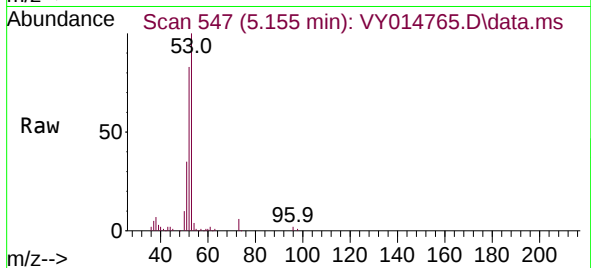
Tgt Ion: 41 Resp: 74607
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 38.6 27.4 41.2





#15
Acrylonitrile
Concen: 104.713 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

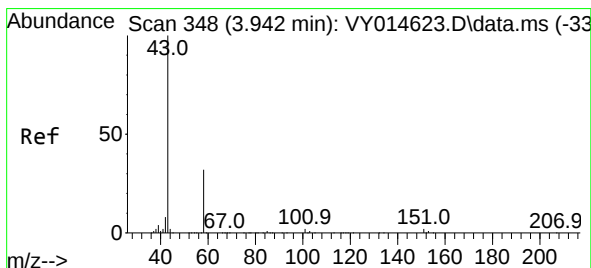
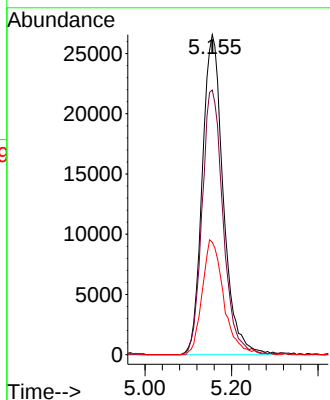
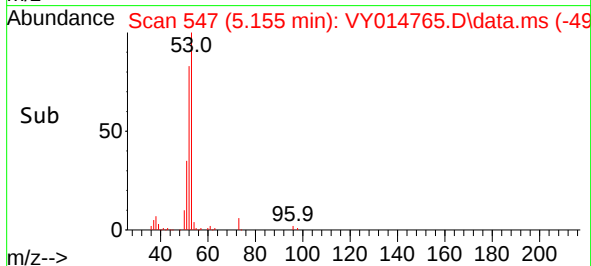
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



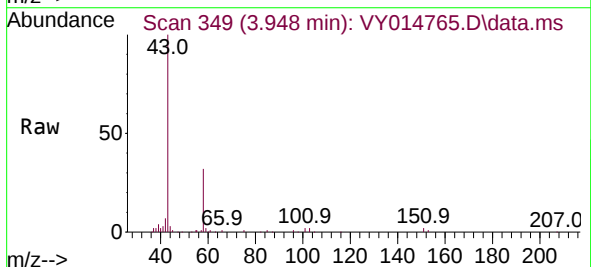
Tgt Ion: 53 Resp: 8954
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.7 29.8 44.6

Manual Integrations
APPROVED

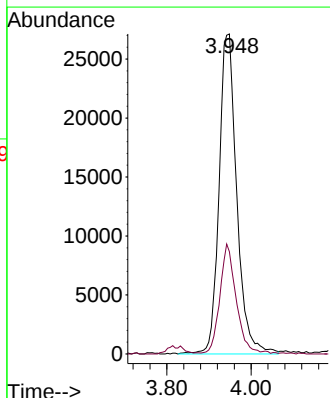
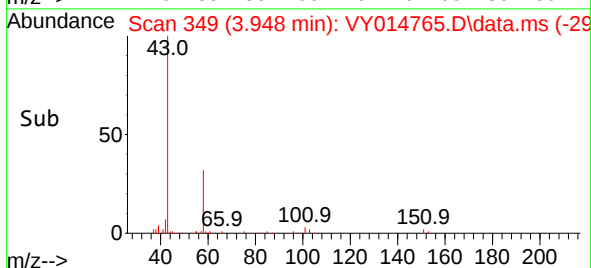
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

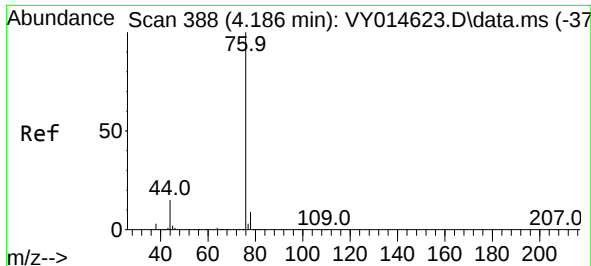


#16
Acetone
Concen: 89.995 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



Tgt Ion: 43 Resp: 78791
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1





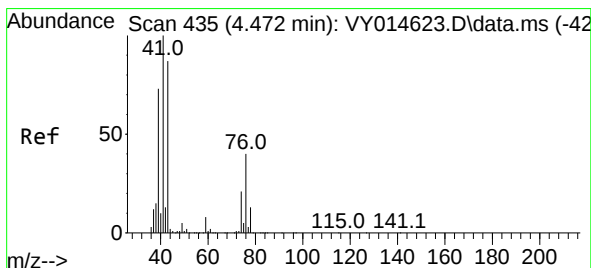
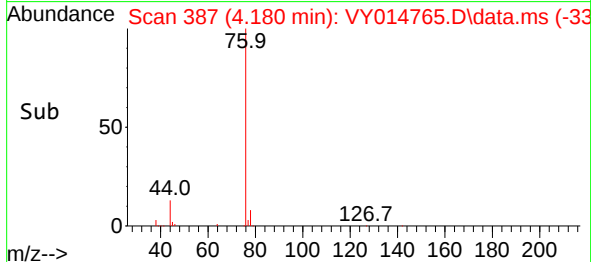
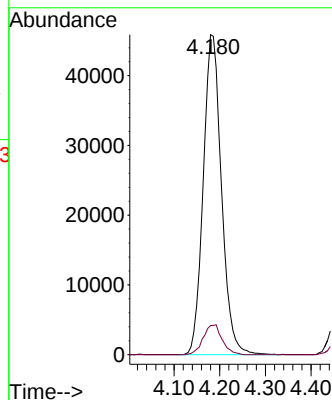
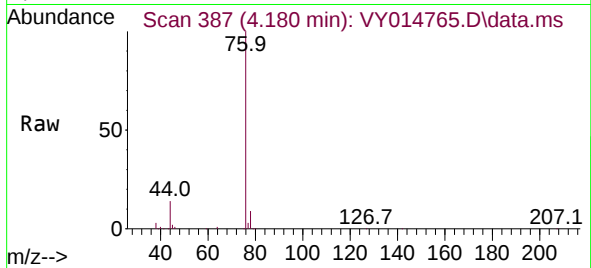
#17
Carbon Disulfide
Concen: 18.557 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion: 76 Resp: 12684
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

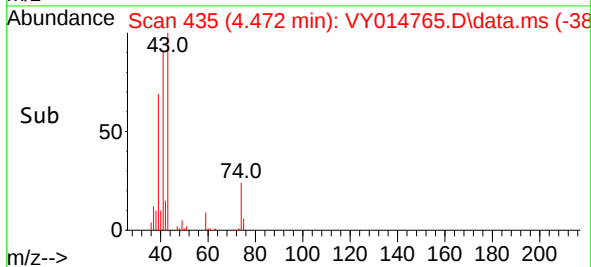
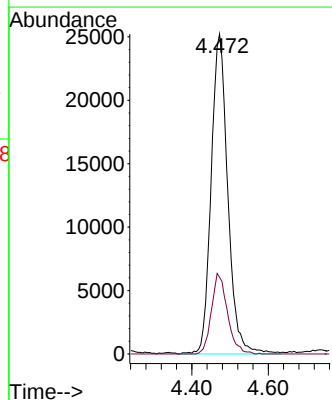
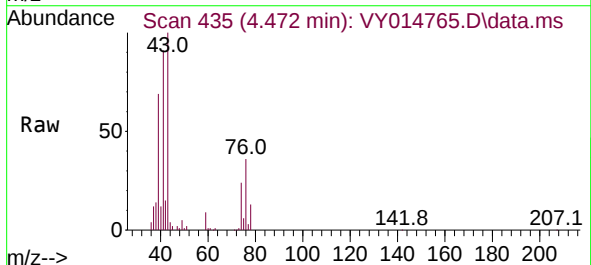
Manual Integrations
APPROVED

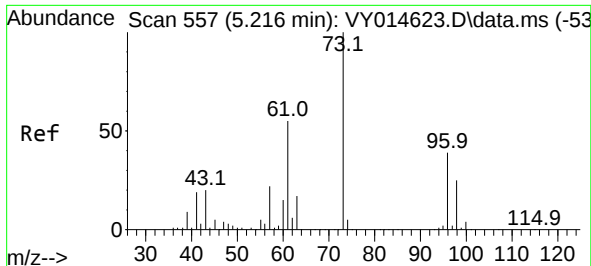
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 22.680 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

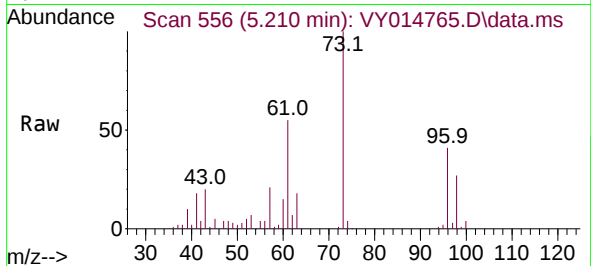
Tgt Ion: 43 Resp: 76200
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.520 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

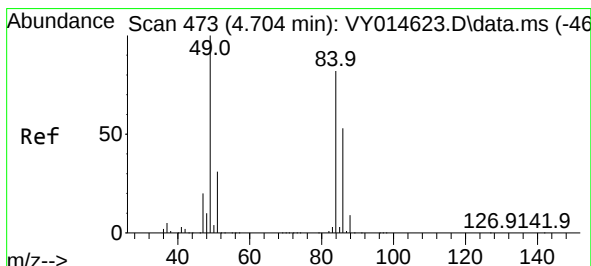
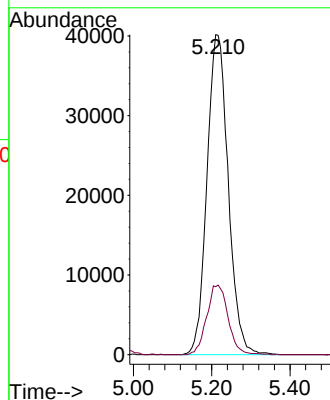
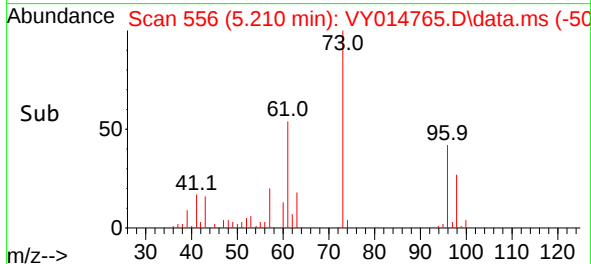
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



Tgt Ion: 73 Resp: 151389
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

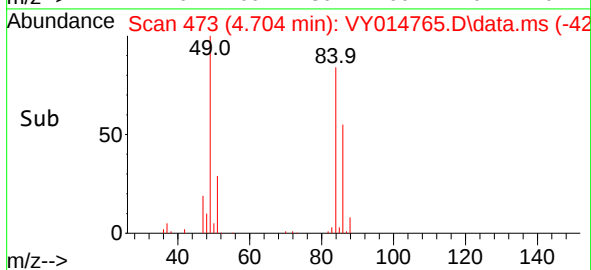
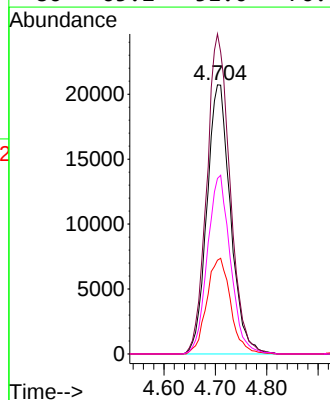
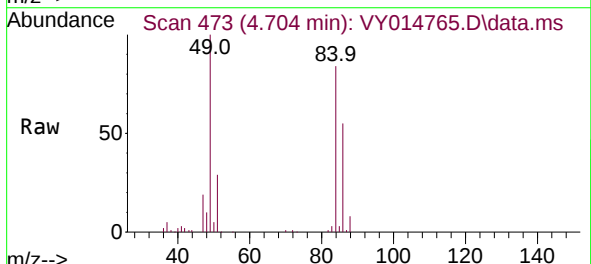
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 20.734 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 84 Resp: 66000
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 34.8 33.2 49.8
86 65.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.045 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 96 Resp: 51602

Ion Ratio Lower Upper

96 100

61 133.1 110.2 165.4

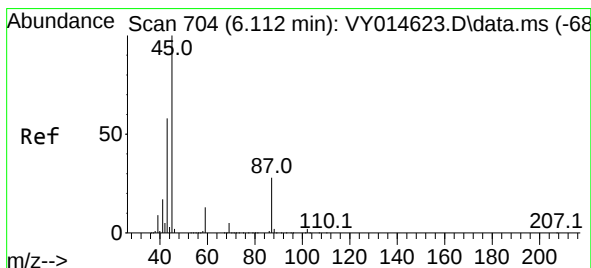
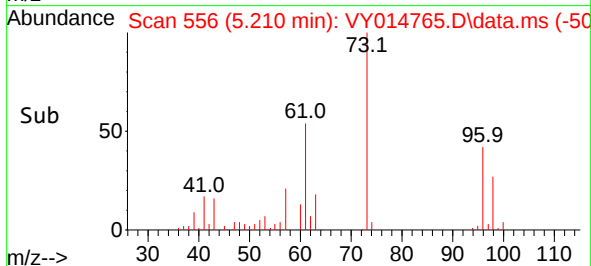
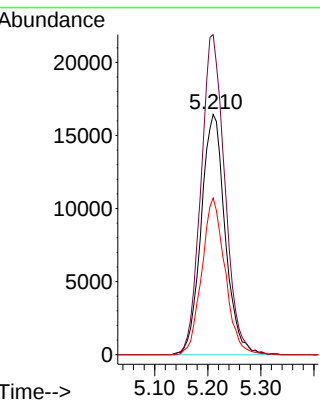
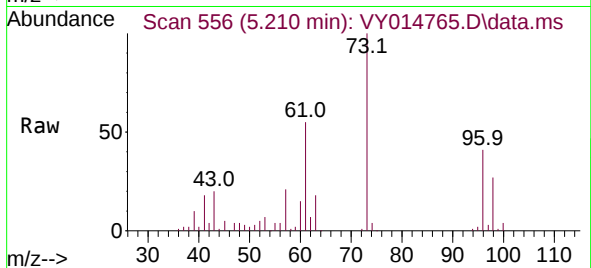
98 65.2 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#22

Diisopropyl ether

Concen: 18.570 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.007 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion: 45 Resp: 160049

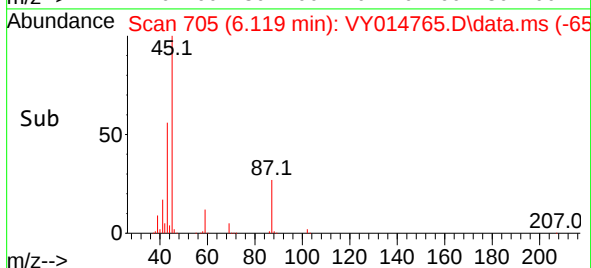
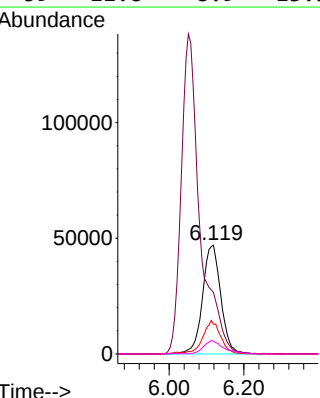
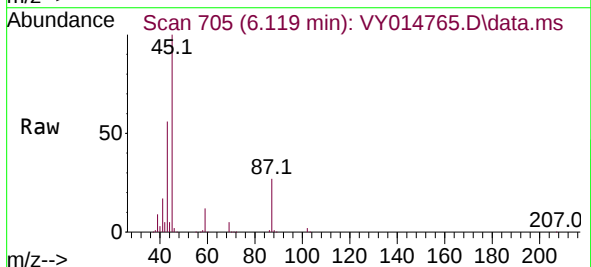
Ion Ratio Lower Upper

45 100

43 56.1 52.2 78.4

87 27.3 21.0 31.6

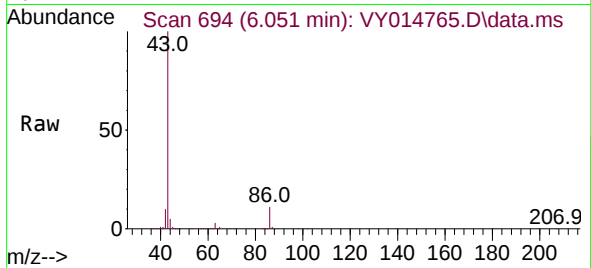
59 11.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 93.408 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

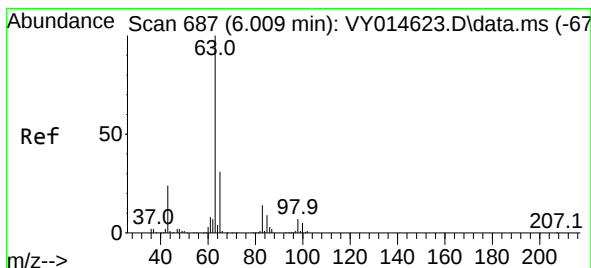
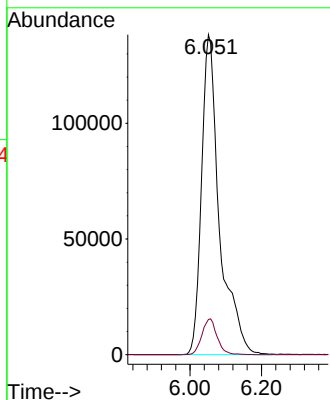
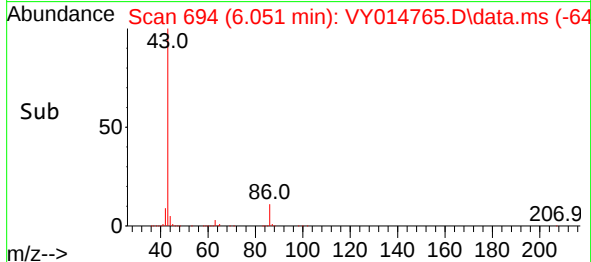
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01



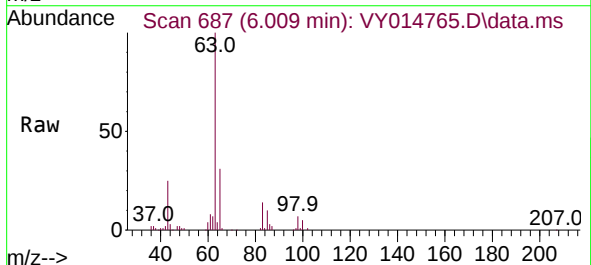
Tgt Ion: 43 Resp: 481769
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

Manual Integrations
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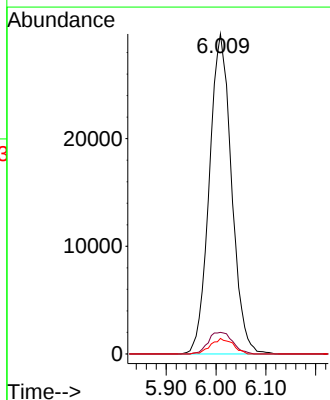
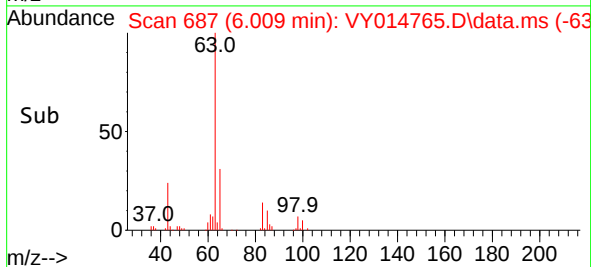
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 18.678 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21



Tgt Ion: 63 Resp: 92109
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 100.387 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 43 Resp: 12858

Ion Ratio Lower Upper

43 100

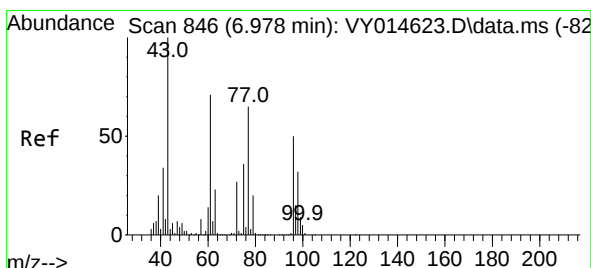
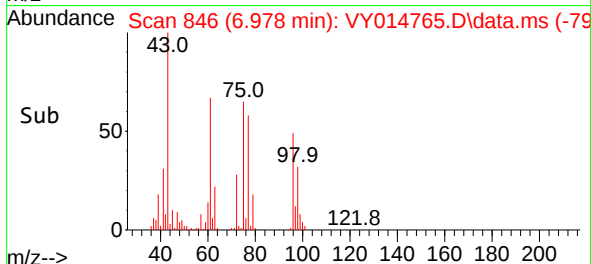
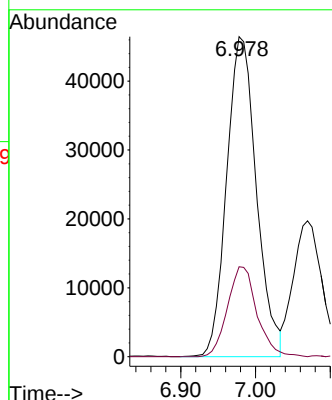
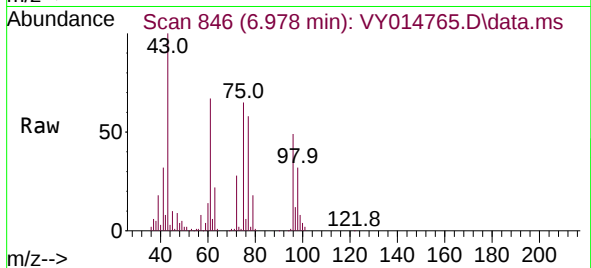
72 28.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#26

2,2-Dichloropropane

Concen: 18.137 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014765.D

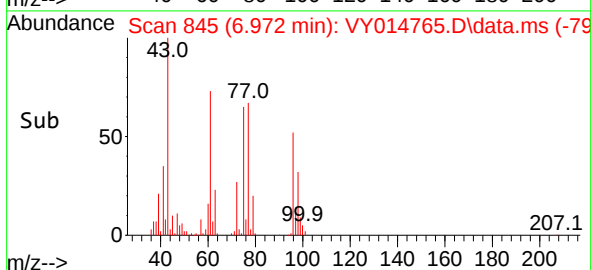
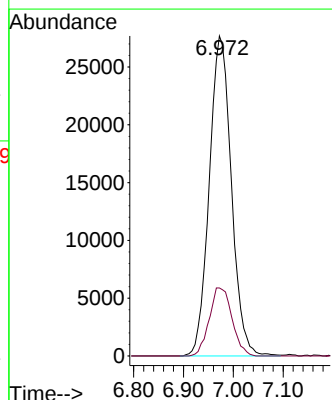
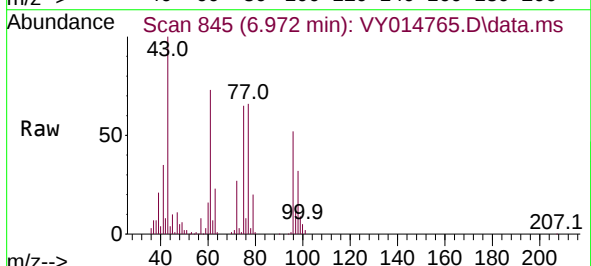
Acq: 24 Jul 2023 12:21

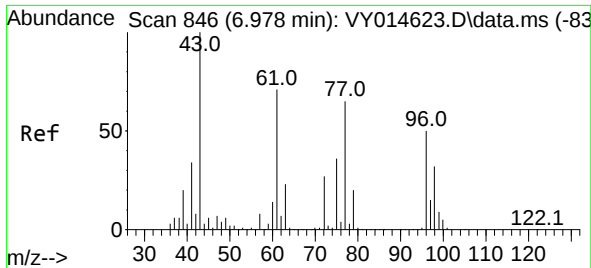
Tgt Ion: 77 Resp: 85242

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





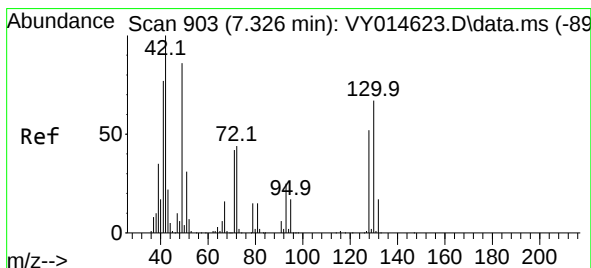
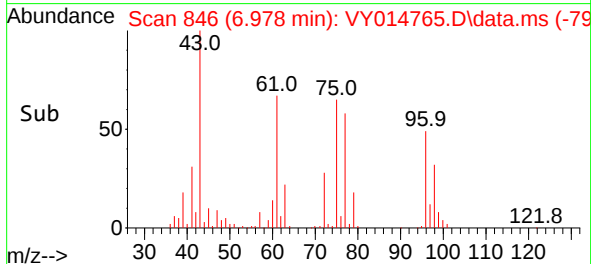
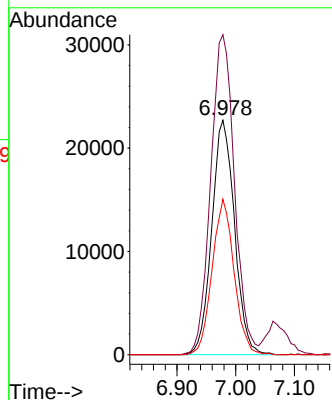
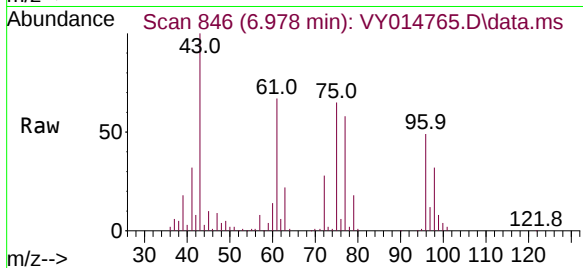
#27
 cis-1,2-Dichloroethene
 Concen: 19.402 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tgt Ion: 96 Resp: 61190
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 301.4
 98 63.9 0.0 130.4

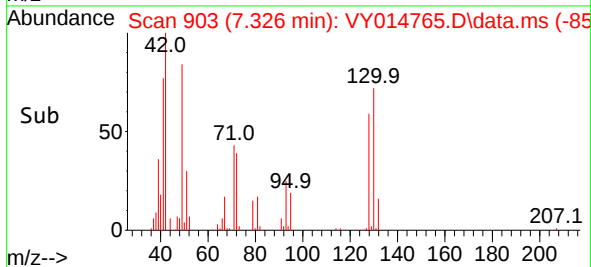
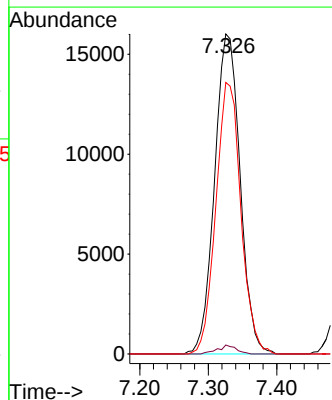
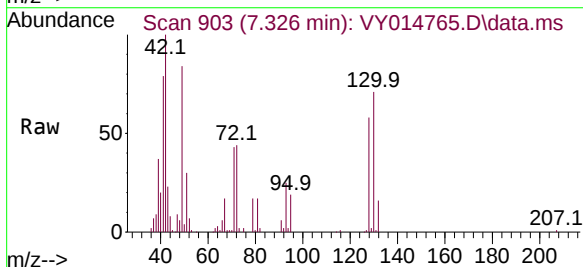
Manual Integrations
 APPROVED

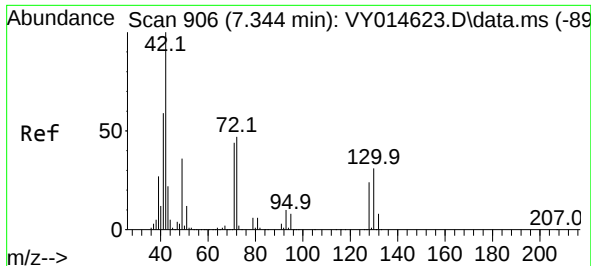
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#28
 Bromochloromethane
 Concen: 19.509 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Tgt Ion: 49 Resp: 41434
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.126 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY014765.D

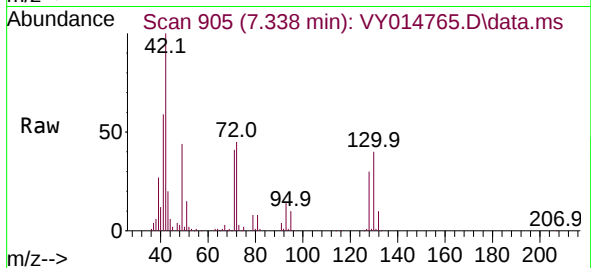
Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01



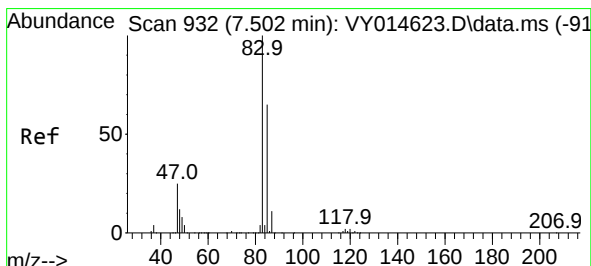
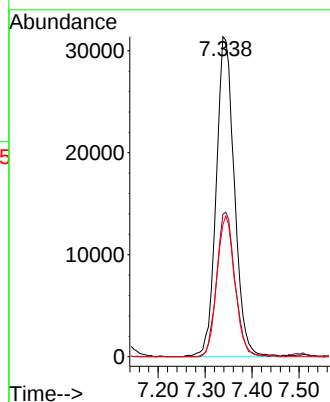
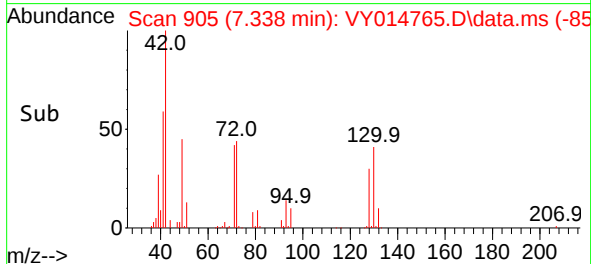
Tgt Ion:	42	Resp:	84490
Ion	Ratio	Lower	Upper
42	100		
72	45.4	32.8	49.2
71	43.4	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 19.361 ug/l

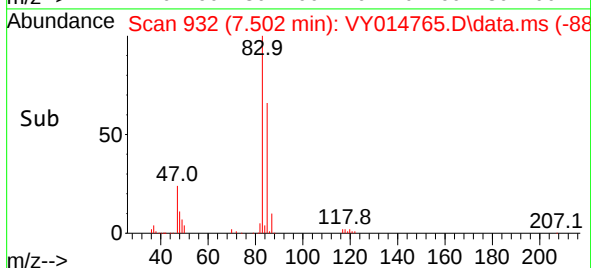
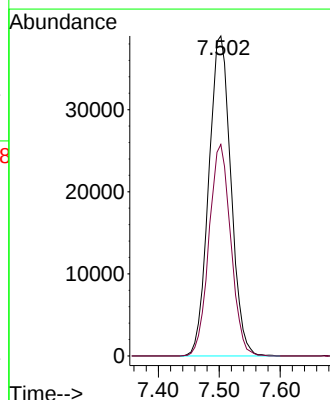
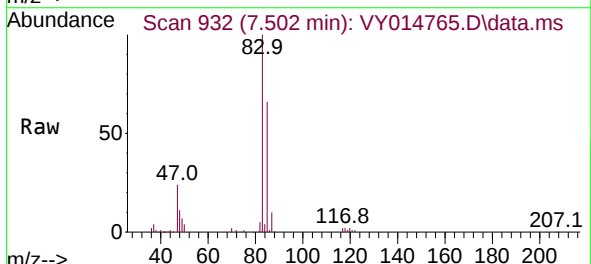
RT: 7.502 min Scan# 932

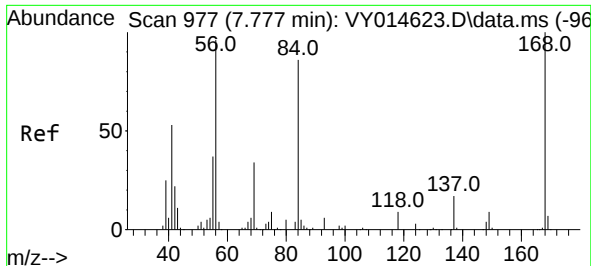
Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

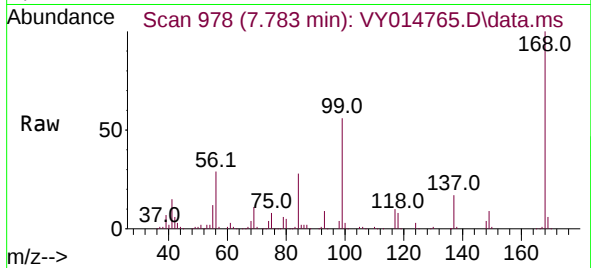
Tgt Ion:	83	Resp:	98459
Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.7	74.5





#31
Cyclohexane
Concen: 17.830 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

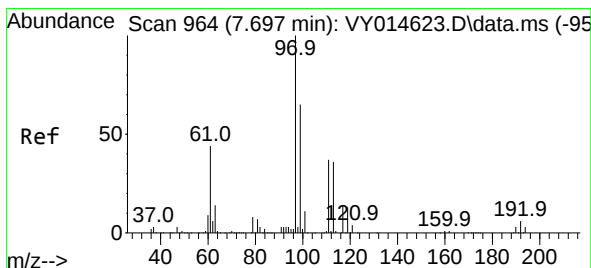
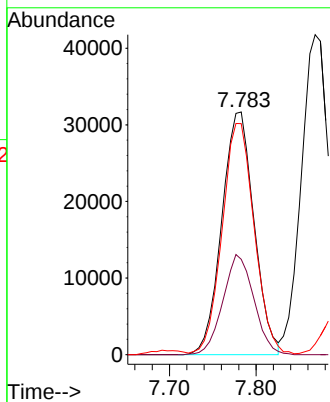
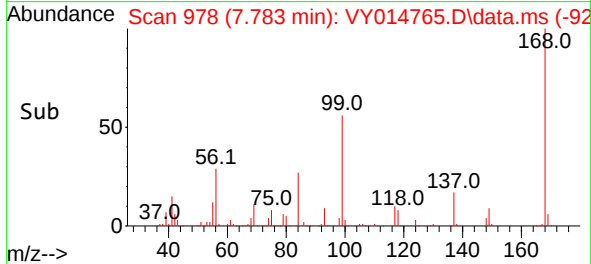
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion: 56 Resp: 81774
Ion Ratio Lower Upper
56 100
69 39.3 27.8 41.6
84 93.7 66.4 99.6

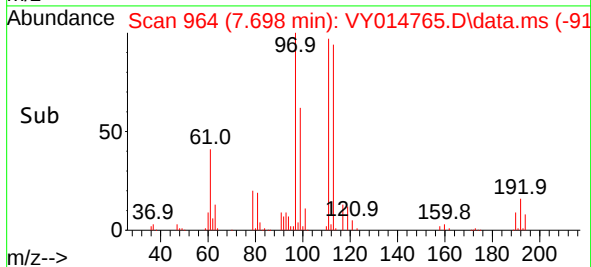
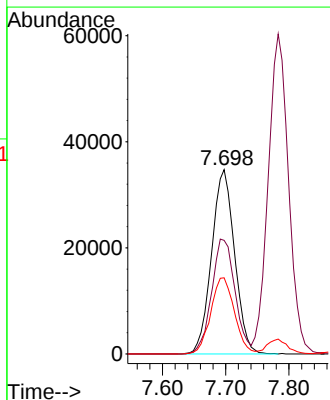
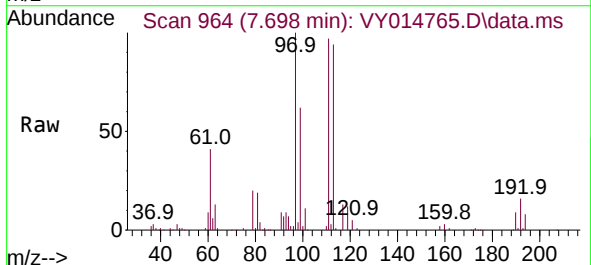
Manual Integrations
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Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#32
1,1,1-Trichloroethane
Concen: 19.116 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 97 Resp: 87492
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.221 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 65 Resp: 13046

Ion Ratio Lower Upper

65 100

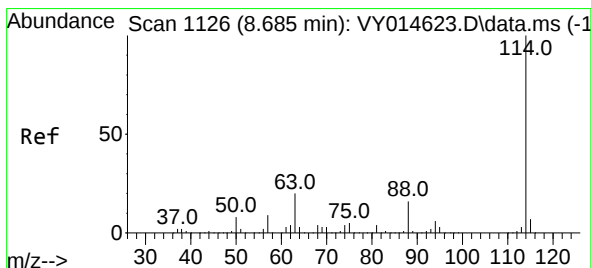
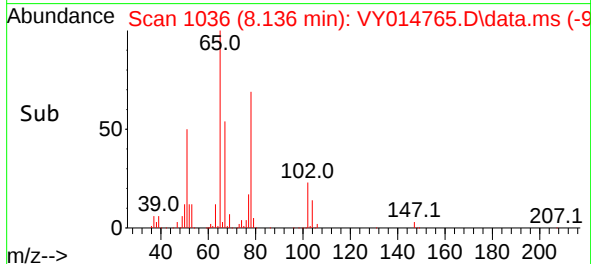
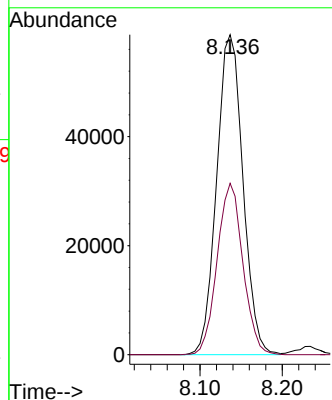
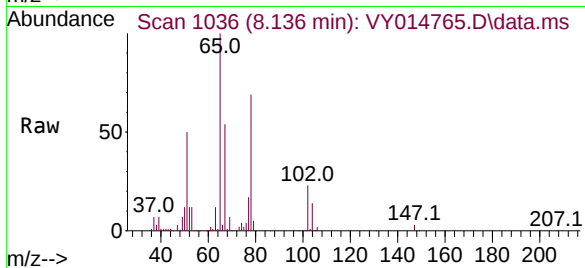
67 52.4 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

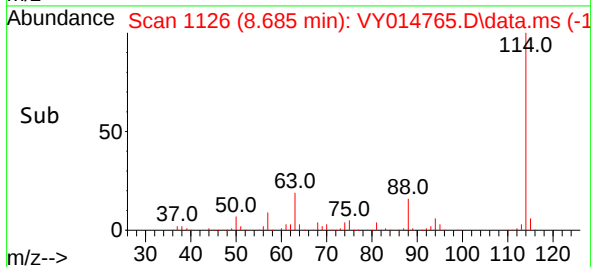
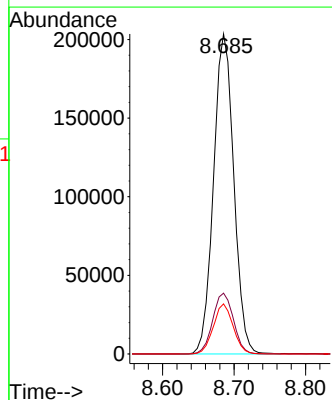
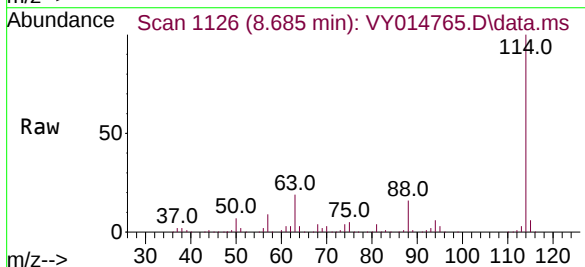
Tgt Ion:114 Resp: 400399

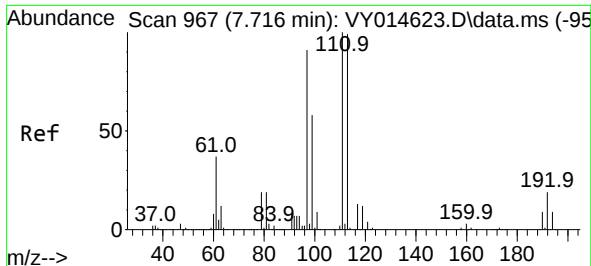
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

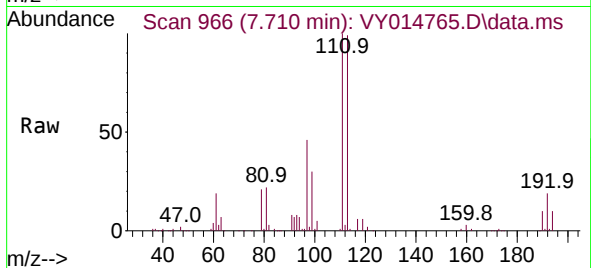
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.605 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

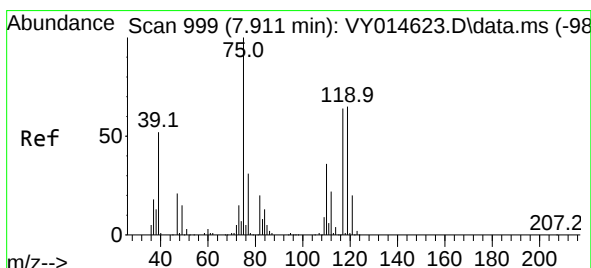
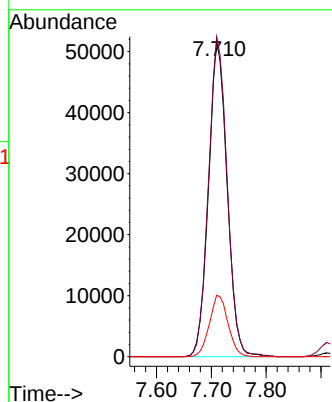
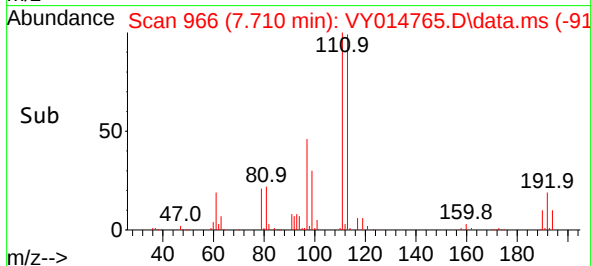
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion:113 Resp: 12133
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3

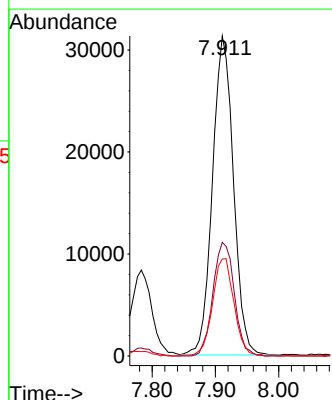
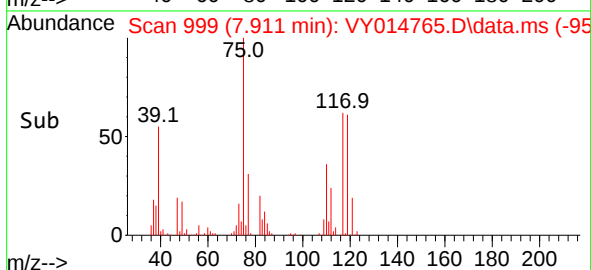
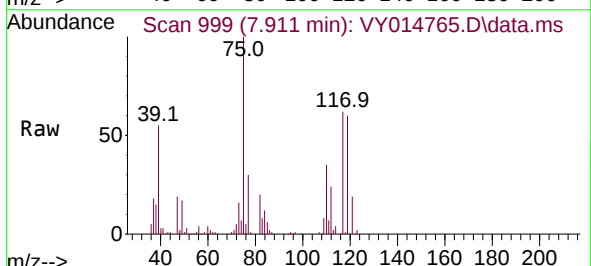
Manual Integrations
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Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#36
1,1-Dichloropropene
Concen: 18.875 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 75 Resp: 71945
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 20.424 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY014765.D

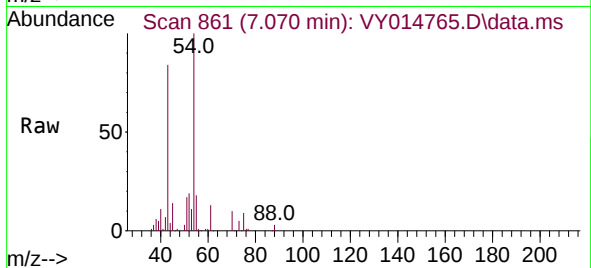
Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01



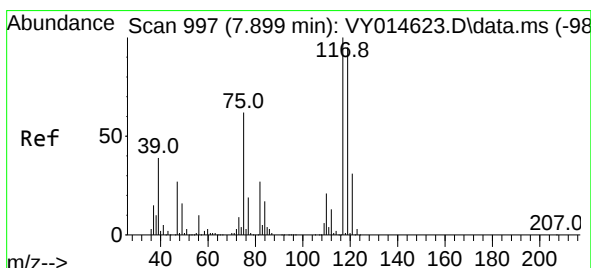
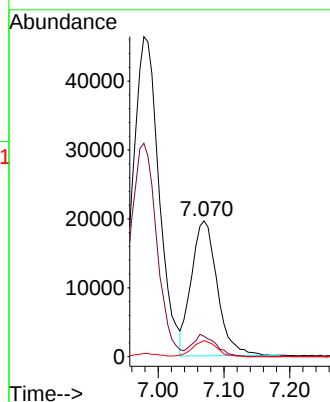
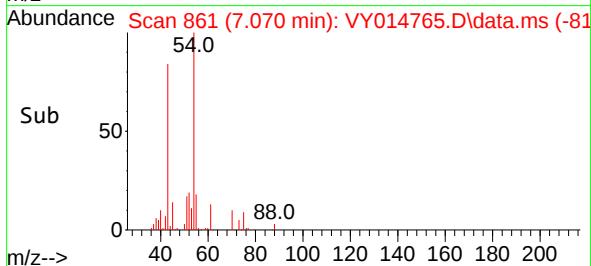
Tgt Ion:	43	Resp:	5359
Ion Ratio	Lower	Upper	
43	100		
61	14.7	10.1	15.1
70	11.1	7.1	10.7

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#38

Carbon Tetrachloride

Concen: 19.116 ug/l

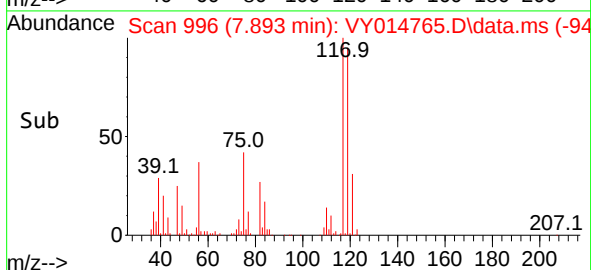
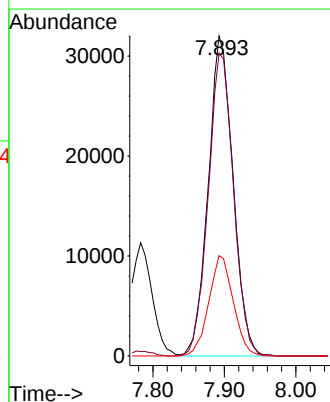
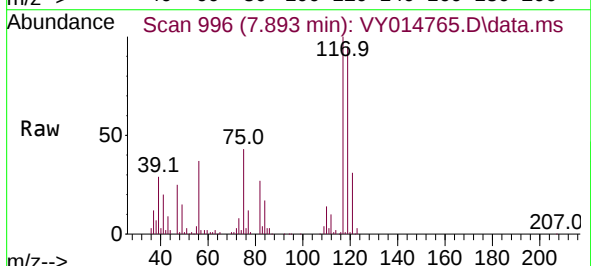
RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion:	117	Resp:	77026
Ion Ratio	Lower	Upper	
117	100		
119	94.7	76.4	114.6
121	31.3	25.8	38.6





#39

Methylcyclohexane

Concen: 18.435 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 83 Resp: 9154

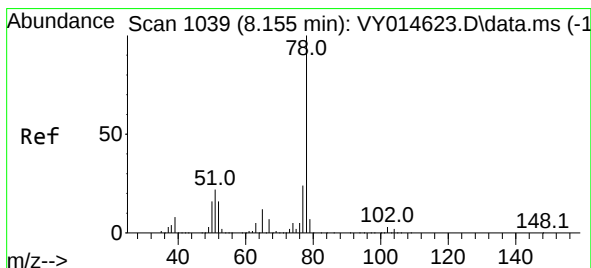
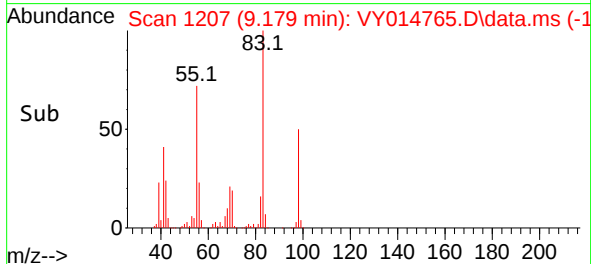
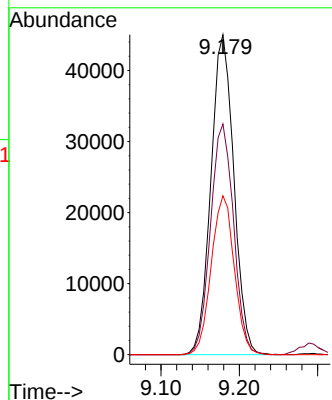
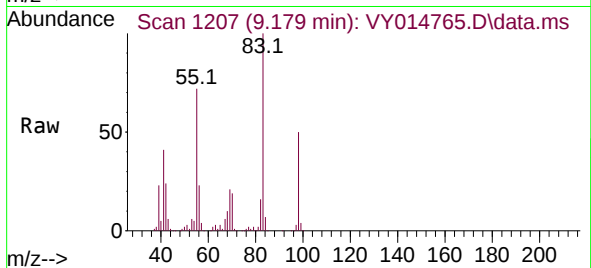
Ion	Ratio	Lower	Upper
83	100		
55	72.1	63.0	94.4
98	49.6	37.4	56.2

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 19.232 ug/l

RT: 8.155 min Scan# 1039

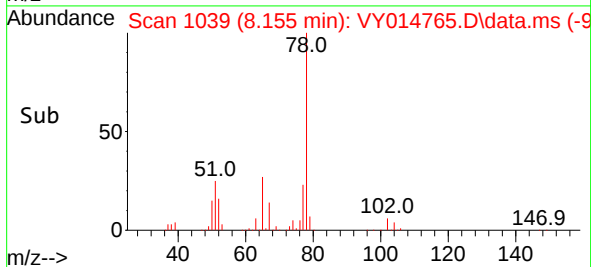
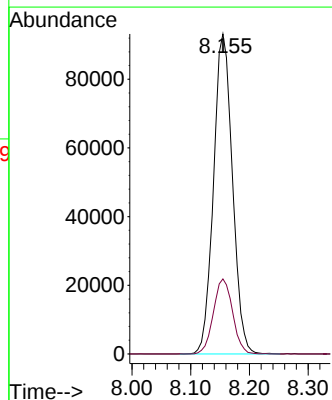
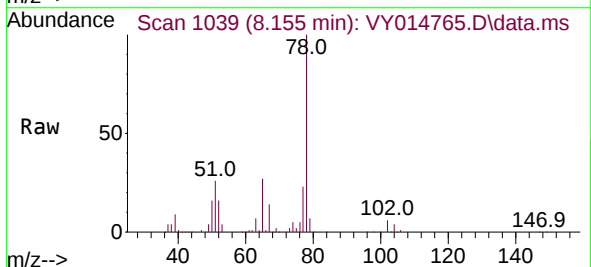
Delta R.T. -0.000 min

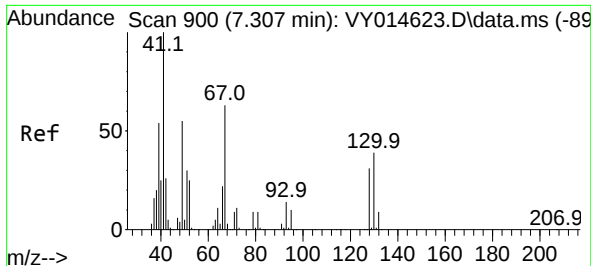
Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion: 78 Resp: 208490

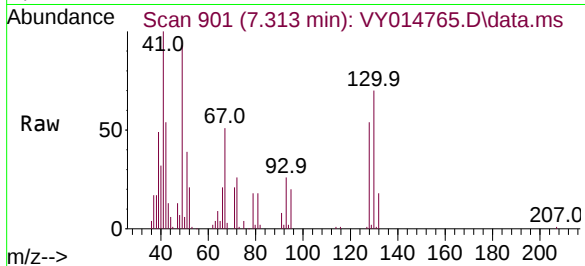
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41
Methacrylonitrile
Concen: 19.326 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

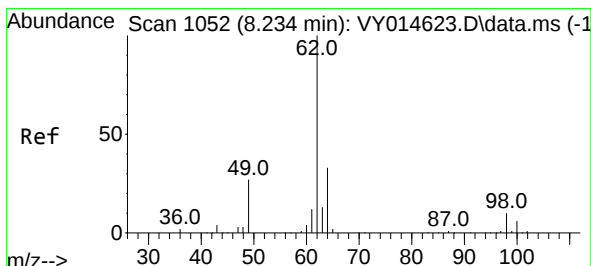
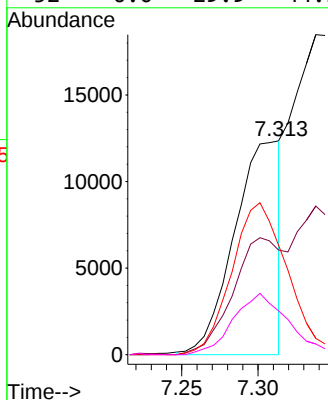
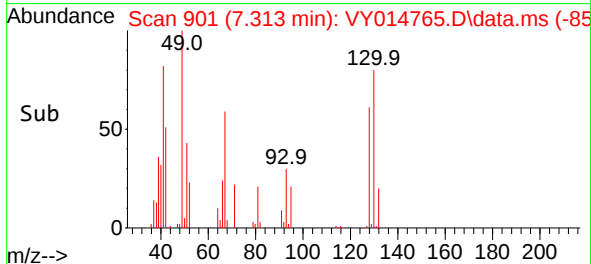
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



Tgt Ion: 41 Resp: 2608
Ion Ratio Lower Upper
41 100
39 79.2 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

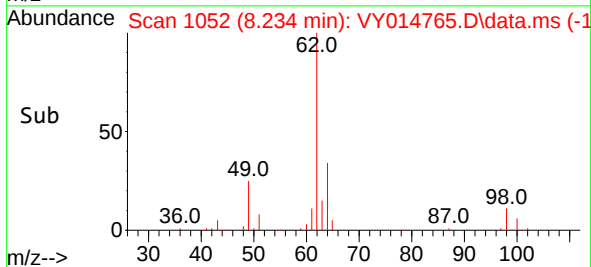
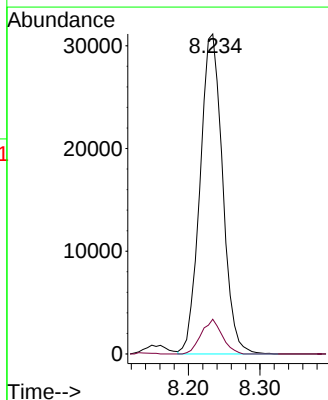
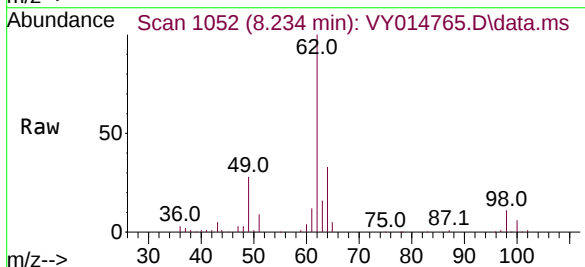
Manual Integrations
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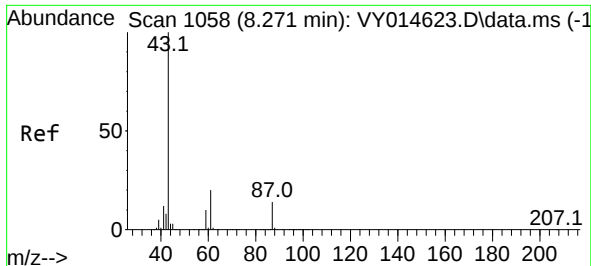
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 19.873 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

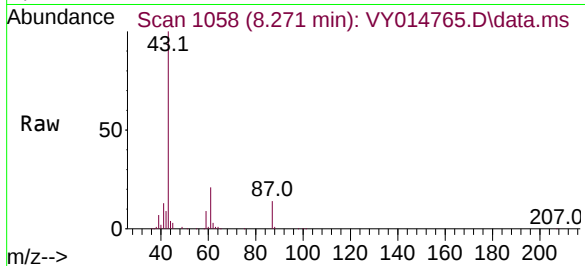
Tgt Ion: 62 Resp: 68223
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.894 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

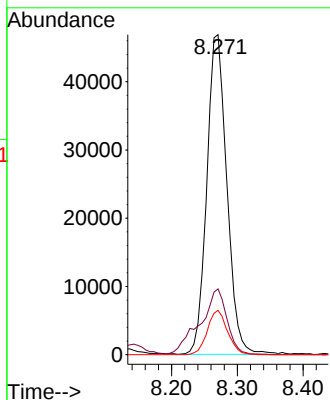
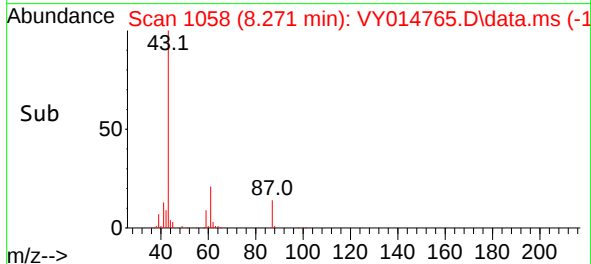
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion: 43 Resp: 9945
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.0 9.8 14.8

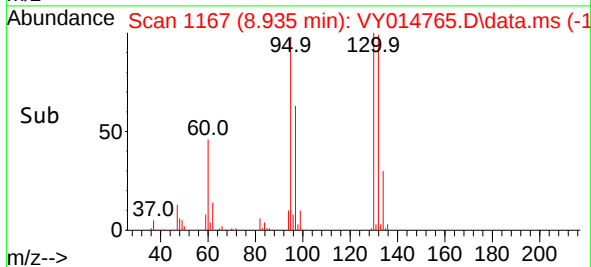
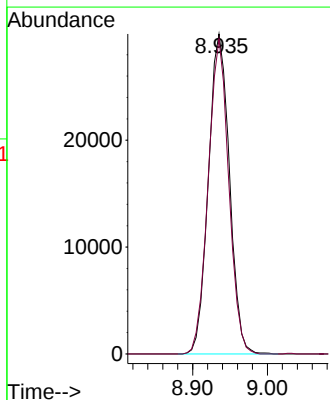
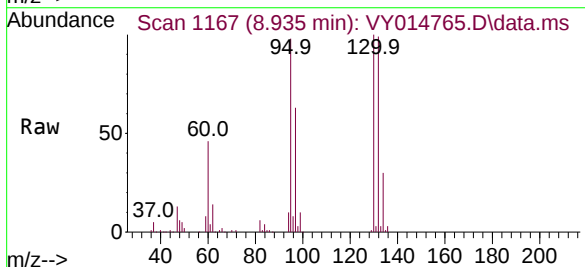
Manual Integrations
APPROVED

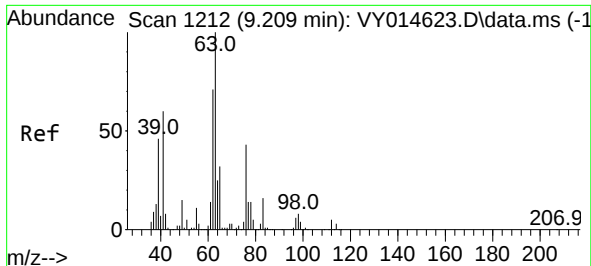
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 19.337 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion:130 Resp: 58653
Ion Ratio Lower Upper
130 100
95 98.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.672 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 63 Resp: 5285

Ion Ratio Lower Upper

63 100

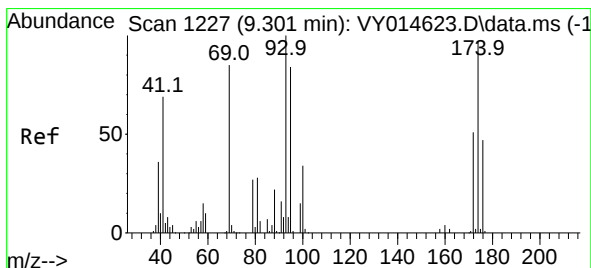
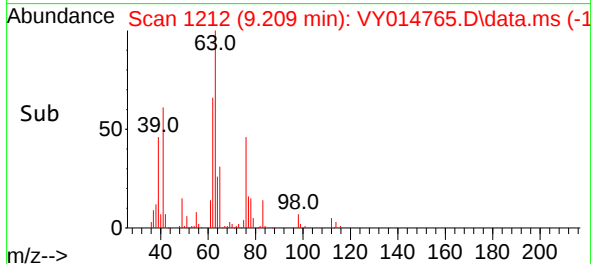
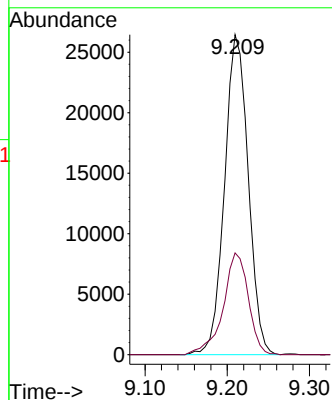
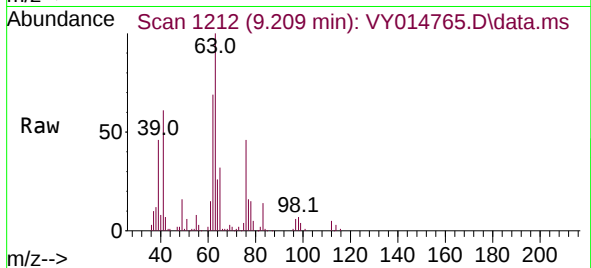
65 31.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 19.665 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

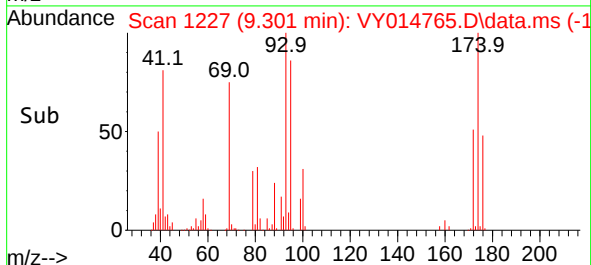
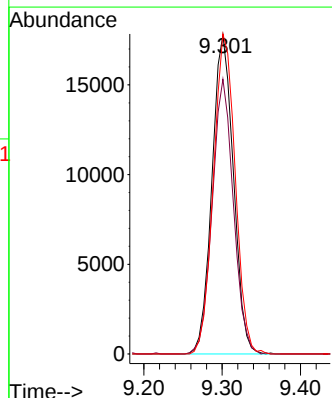
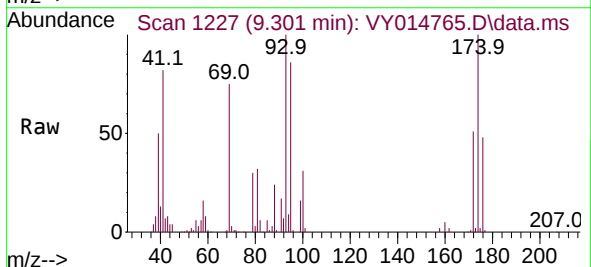
Tgt Ion: 93 Resp: 33771

Ion Ratio Lower Upper

93 100

95 85.1 66.6 100.0

174 102.2 84.8 127.2





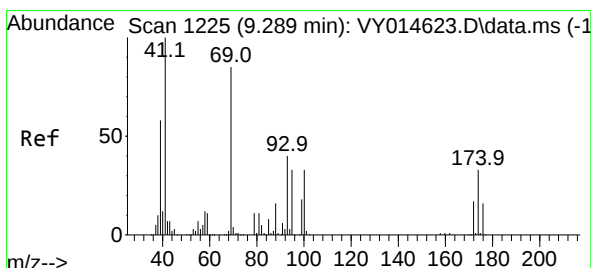
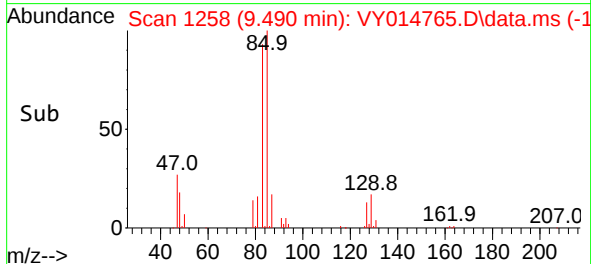
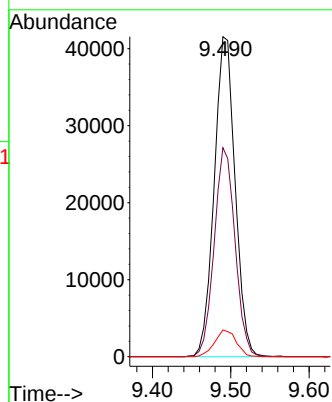
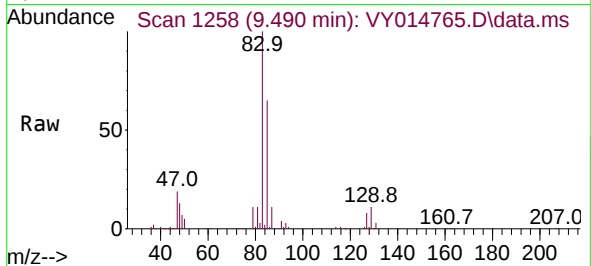
#47
Bromodichloromethane
Concen: 19.047 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion: 83 Resp: 7709
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 8.3 7.1 10.7

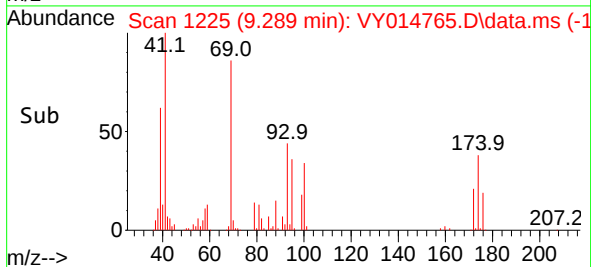
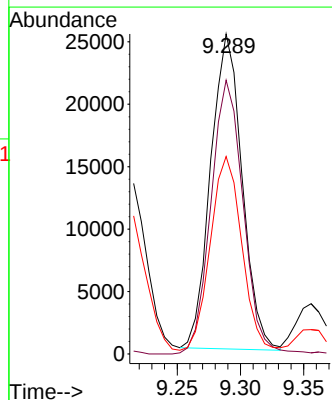
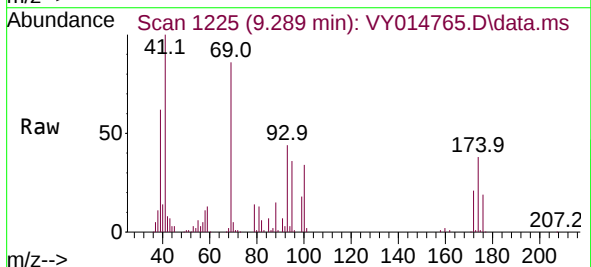
Manual Integrations
APPROVED

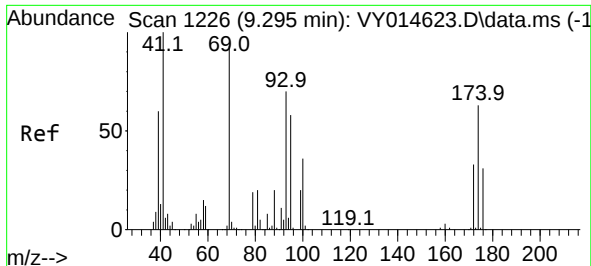
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 19.395 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 41 Resp: 43628
Ion Ratio Lower Upper
41 100
69 89.8 64.5 96.7
39 61.8 50.8 76.2





#49

1,4-Dioxane

Concen: 407.117 ug/l

RT: 9.295 min Scan# 11400

Delta R.T. -0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 88 Resp: 11400

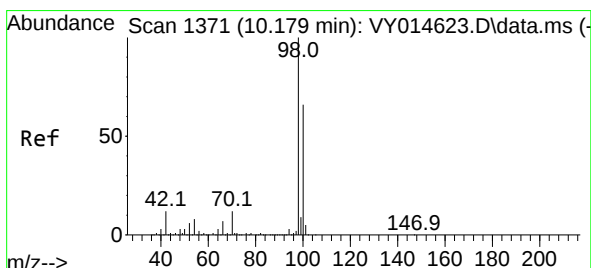
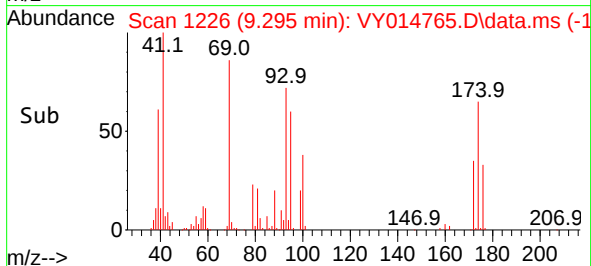
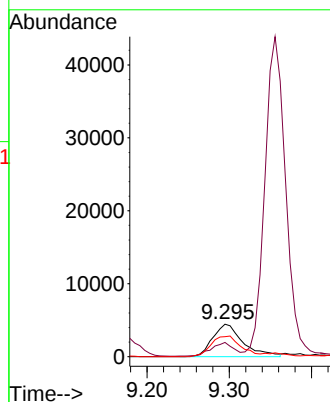
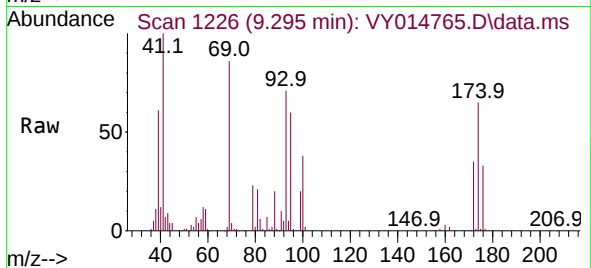
Ion	Ratio	Lower	Upper
88	100		
43	31.3	0.0	0.0
58	62.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 45.963 ug/l

RT: 10.173 min Scan# 1370

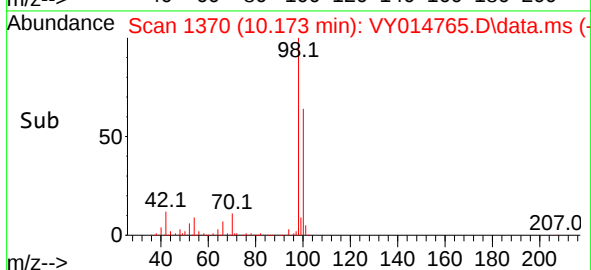
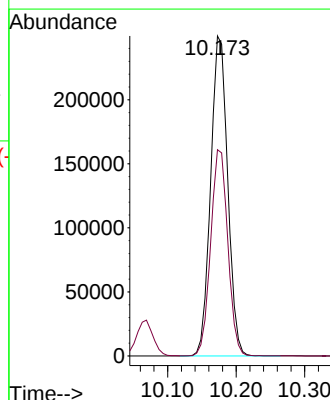
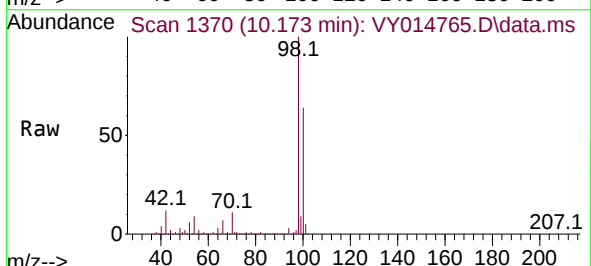
Delta R.T. -0.006 min

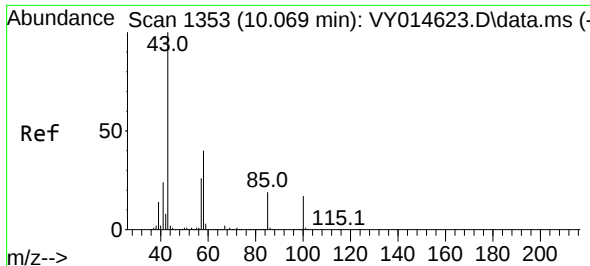
Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion: 98 Resp: 431920

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.1	75.1





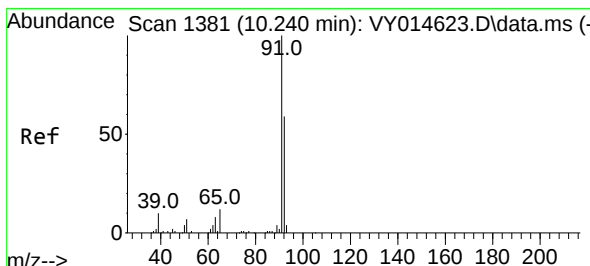
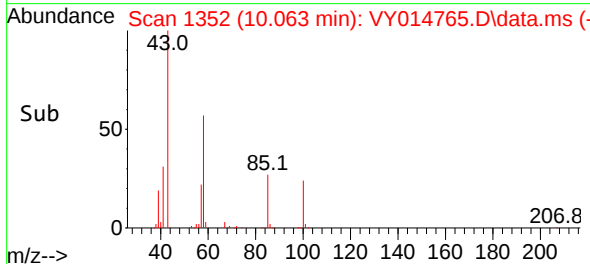
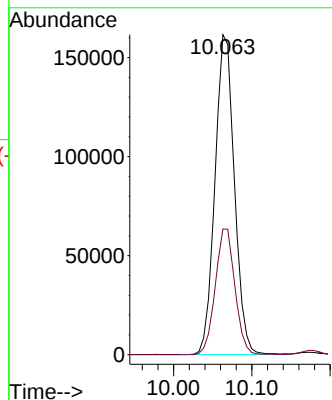
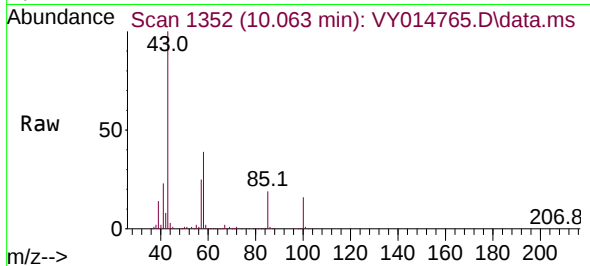
#51
4-Methyl-2-Pentanone
Concen: 105.972 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion: 43 Resp: 278154
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

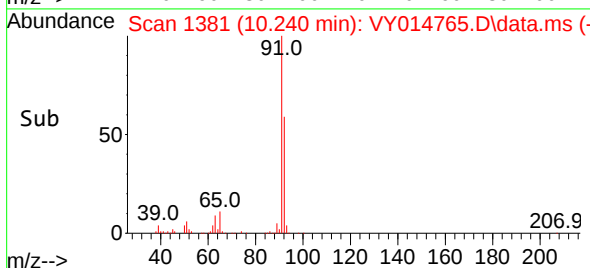
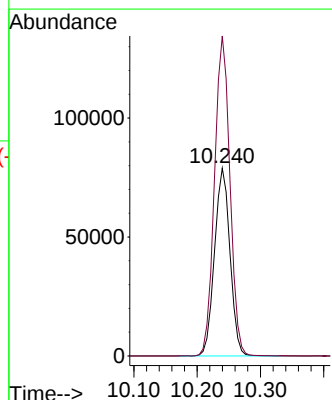
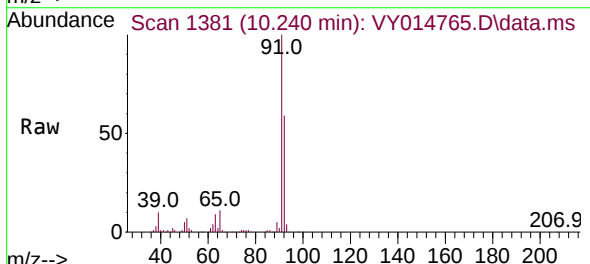
Manual Integrations
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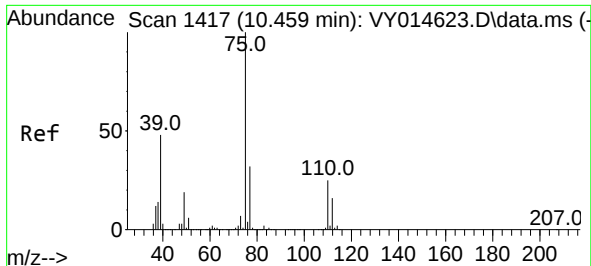
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 19.268 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

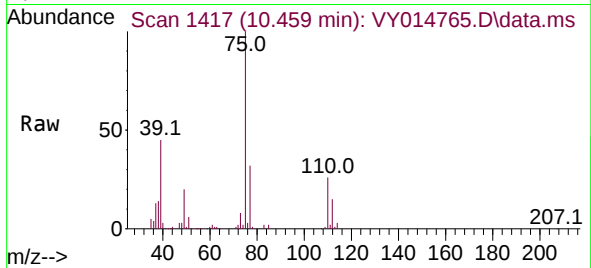
Tgt Ion: 92 Resp: 133664
Ion Ratio Lower Upper
92 100
91 170.1 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 18.918 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

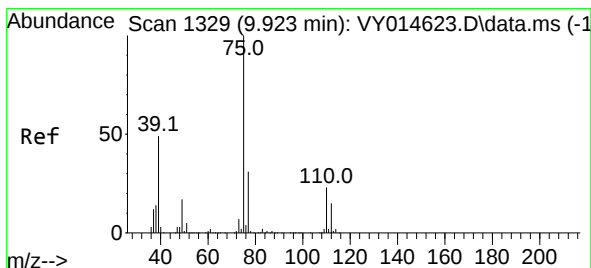
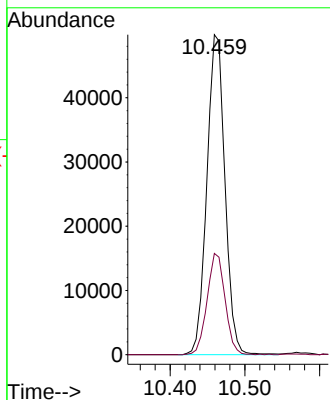
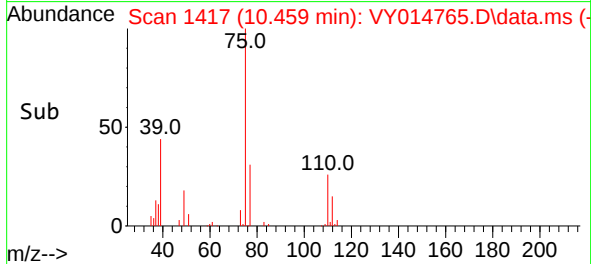
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01



Tgt Ion: 75 Resp: 83750
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4

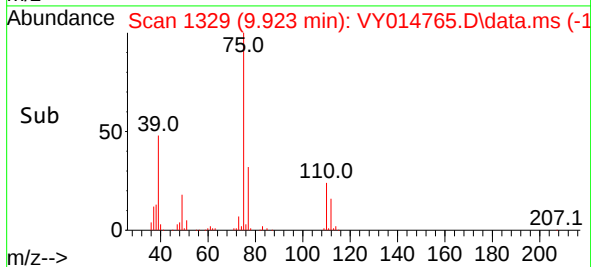
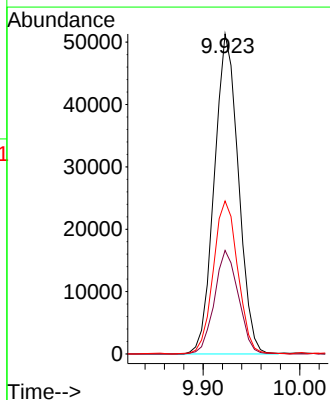
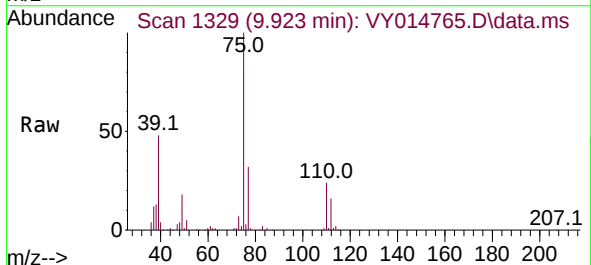
Manual Integrations
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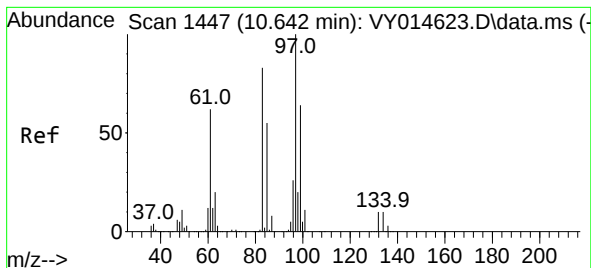
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.412 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

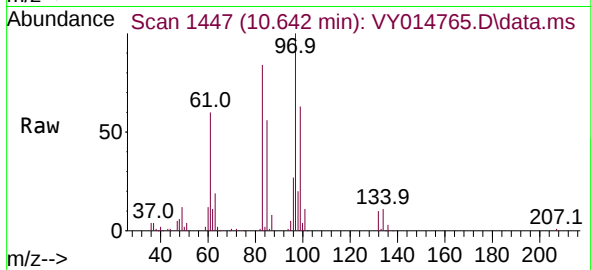
Tgt Ion: 75 Resp: 88644
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 47.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.211 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

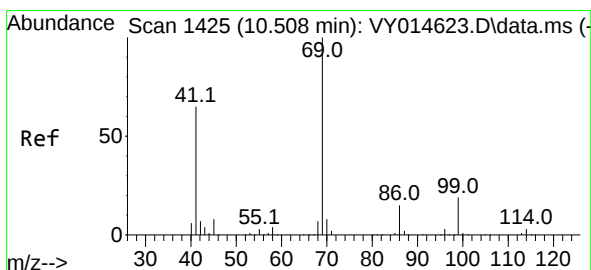
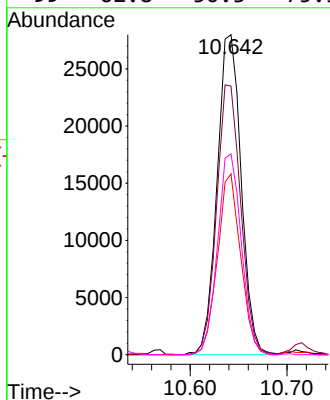
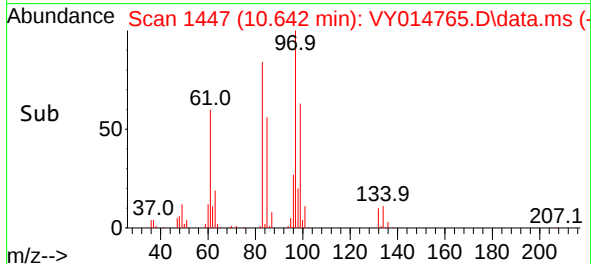
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	56.5	45.4	68.0
99	62.8	50.3	75.5

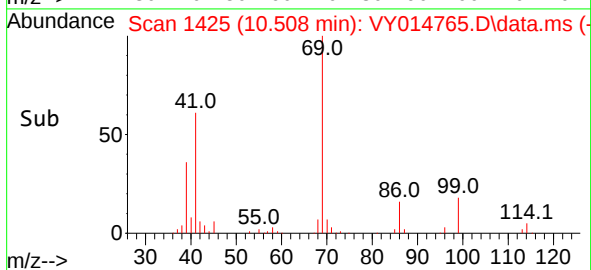
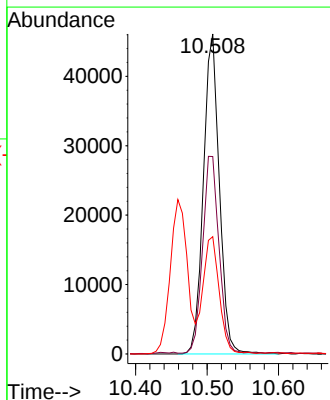
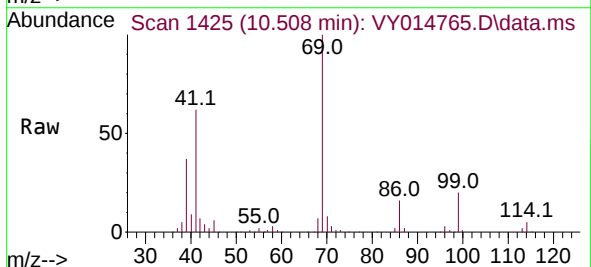
Manual Integrations
APPROVED

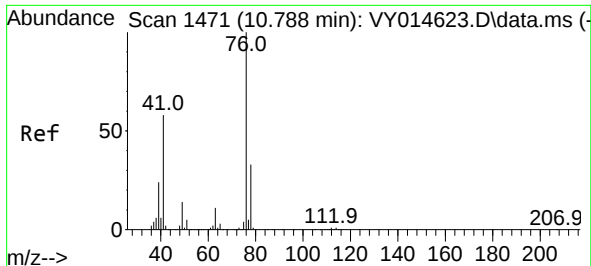
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#56
Ethyl methacrylate
Concen: 19.559 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

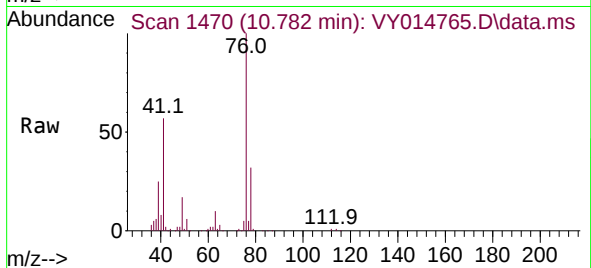
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.6	86.4
39	37.0	34.1	51.1





#57
1,3-Dichloropropane
Concen: 19.480 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

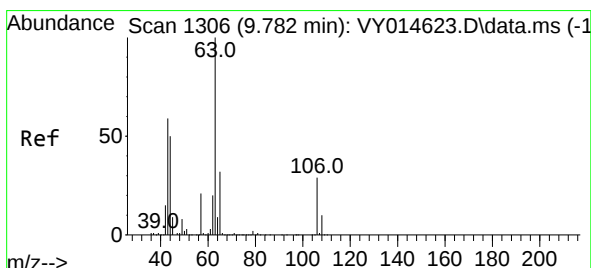
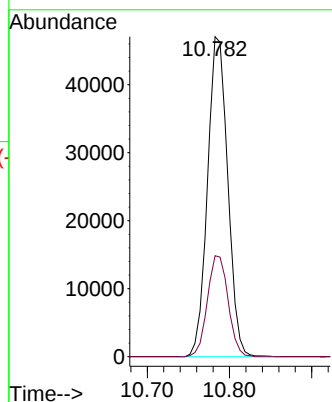
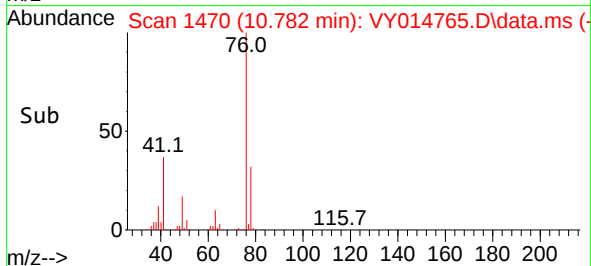
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



Tgt Ion: 76 Resp: 8037
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

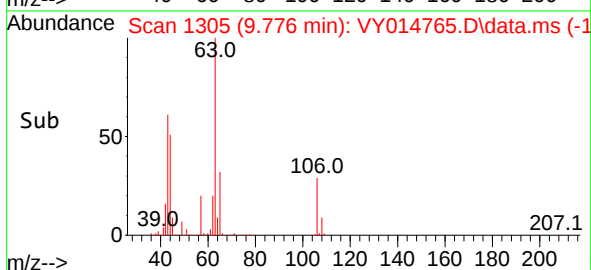
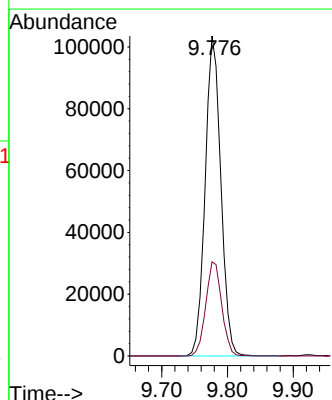
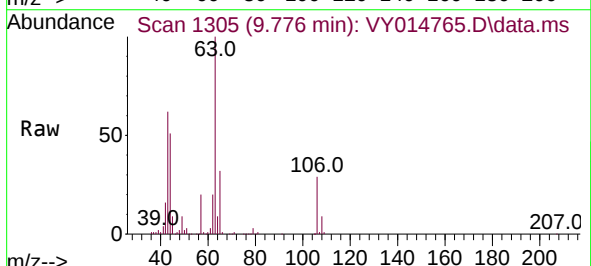
Manual Integrations
APPROVED

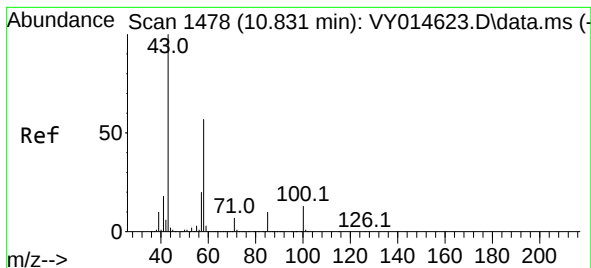
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 100.733 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 63 Resp: 171427
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





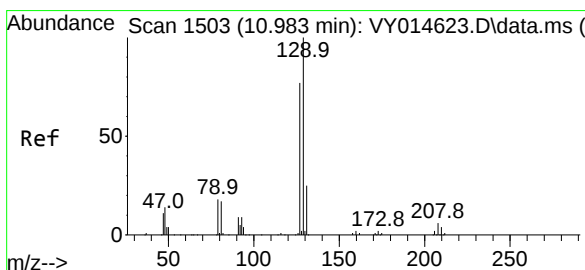
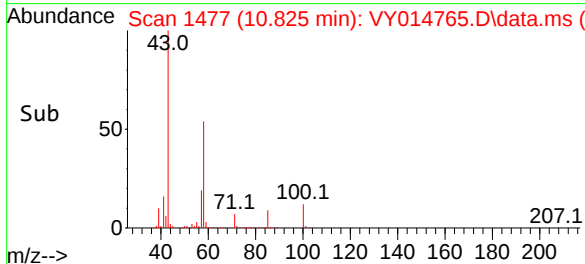
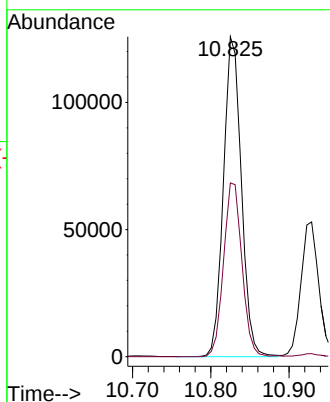
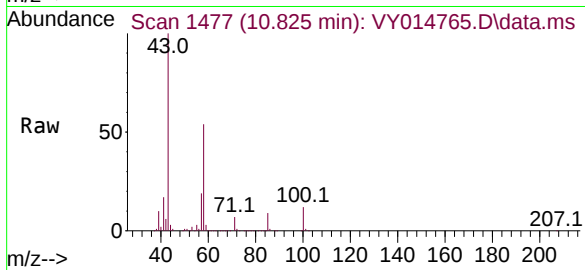
#59
2-Hexanone
Concen: 104.777 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion: 43 Resp: 200558
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

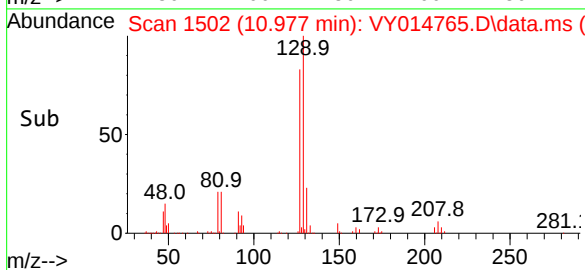
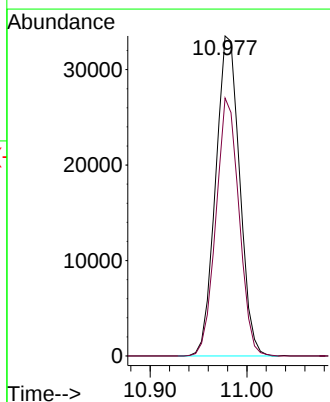
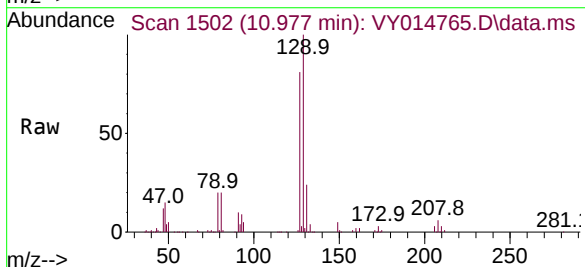
Manual Integrations
APPROVED

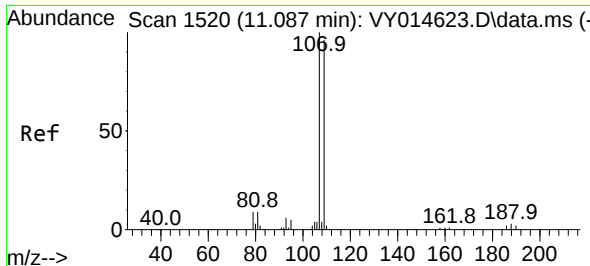
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 19.685 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion:129 Resp: 57733
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





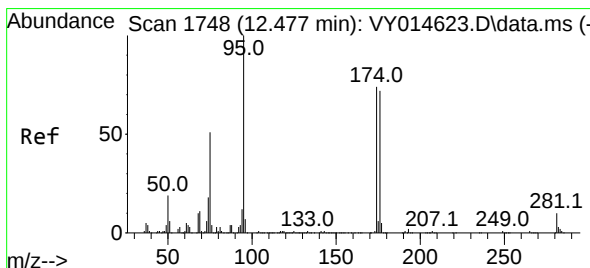
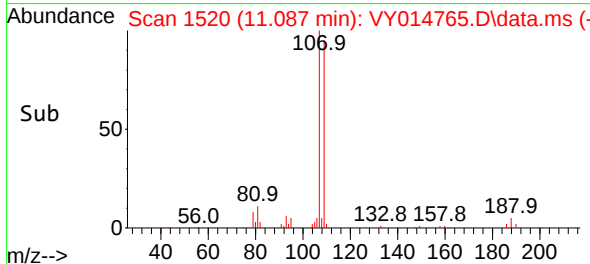
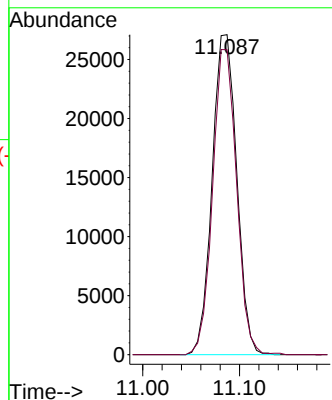
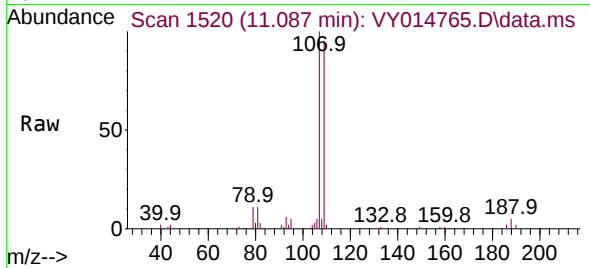
#61
1,2-Dibromoethane
Concen: 20.061 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01

Tgt Ion:107 Resp: 4787
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

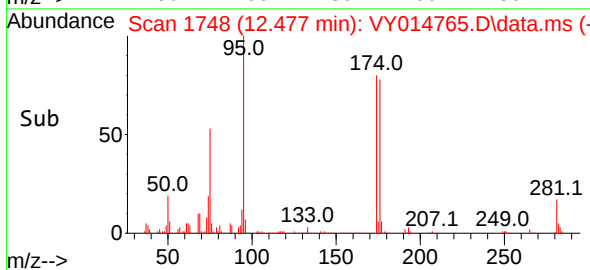
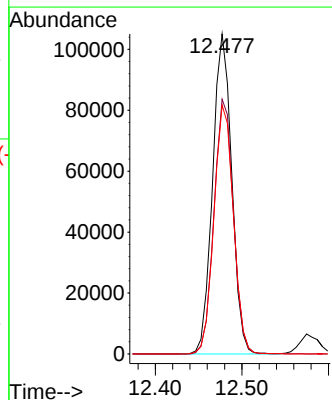
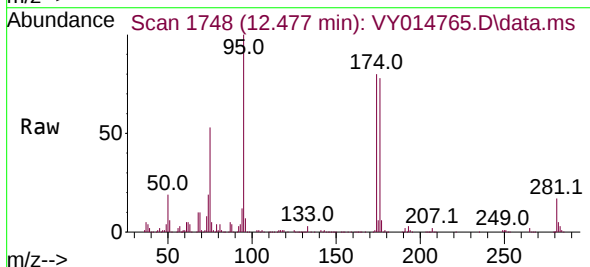
Manual Integrations
APPROVED

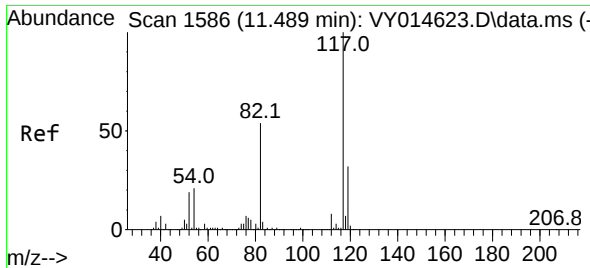
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#62
4-Bromofluorobenzene
Concen: 44.755 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

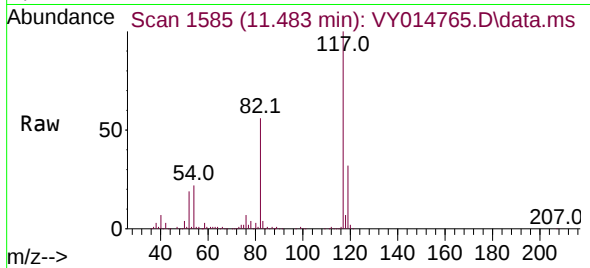
Tgt Ion: 95 Resp: 161261
Ion Ratio Lower Upper
95 100
174 80.5 0.0 178.2
176 79.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

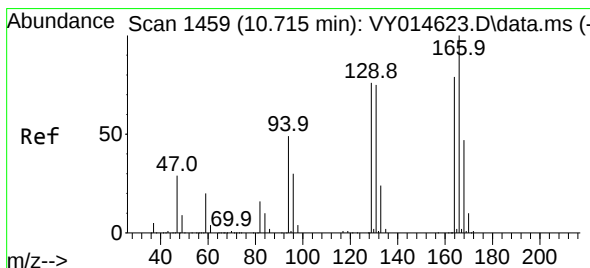
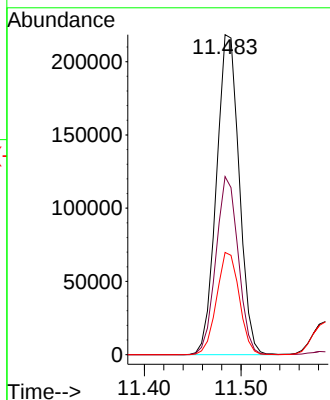
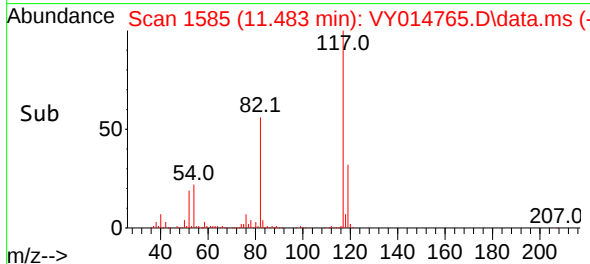
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



Tgt Ion:117 Resp: 356539
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.9 26.3 39.5

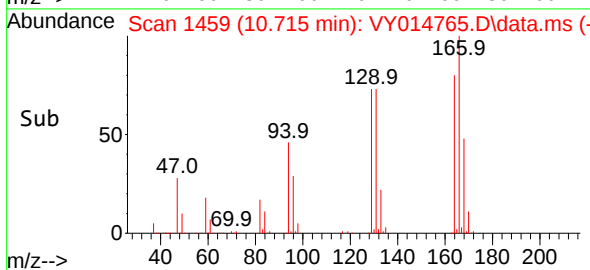
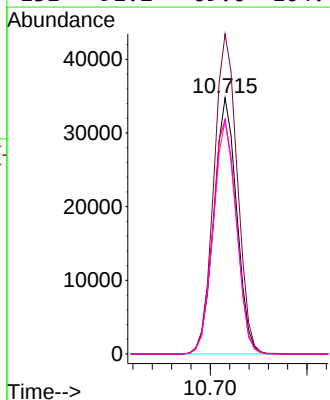
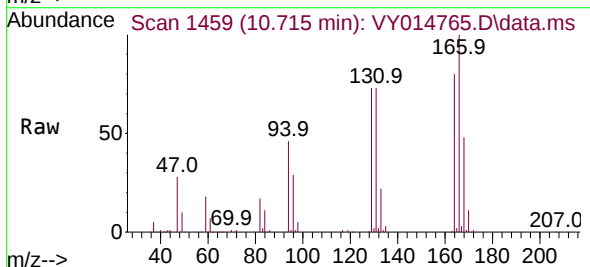
Manual Integrations
APPROVED

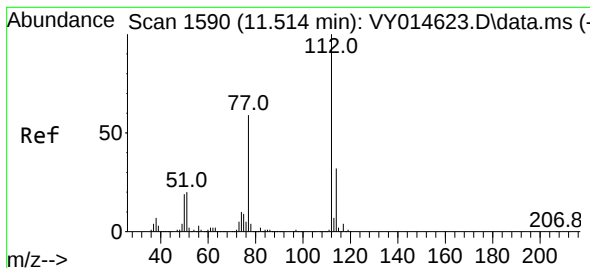
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 19.783 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

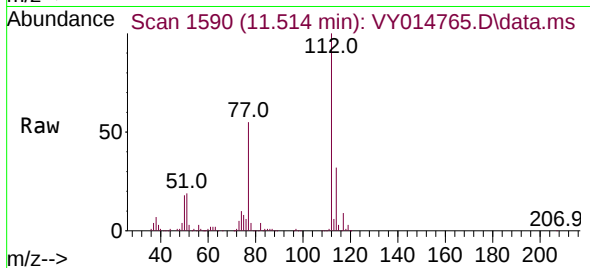
Tgt Ion:164 Resp: 56729
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 91.5 77.2 115.8
131 91.2 69.6 104.4





#65
Chlorobenzene
Concen: 19.128 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

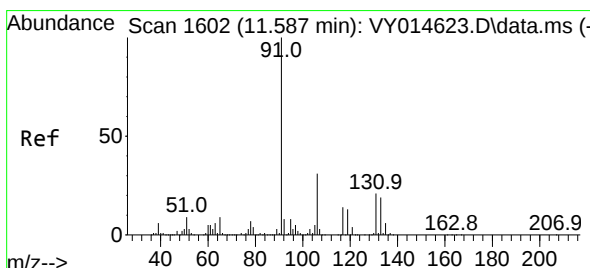
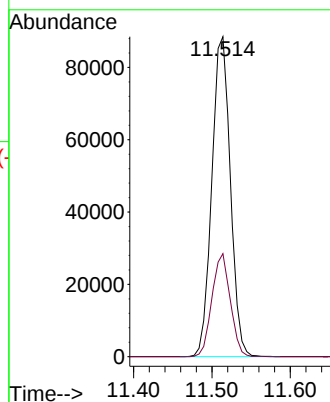
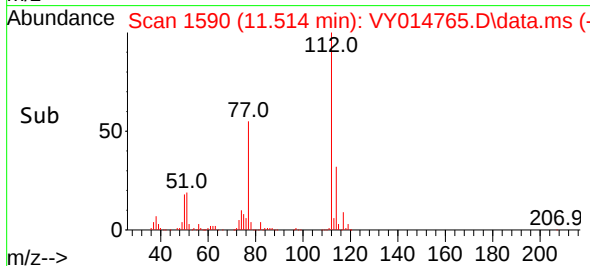
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



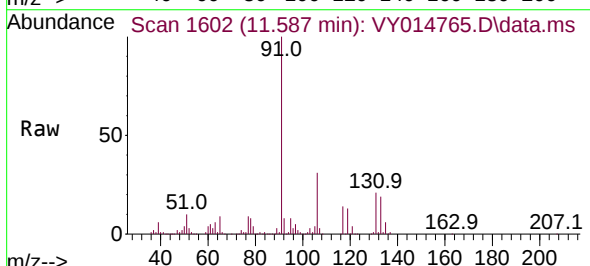
Tgt Ion:112 Resp: 145320
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

Manual Integrations
APPROVED

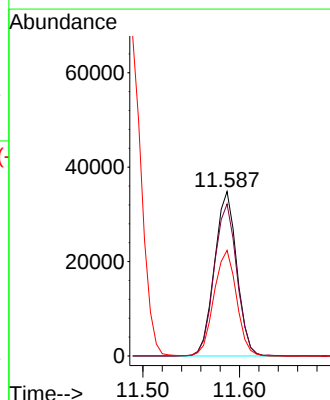
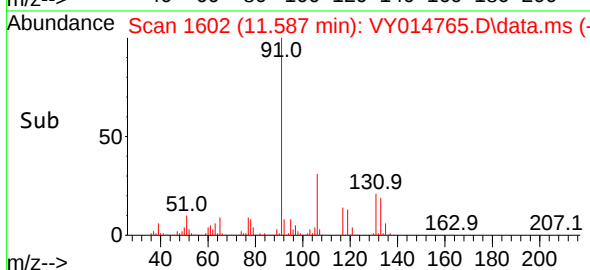
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

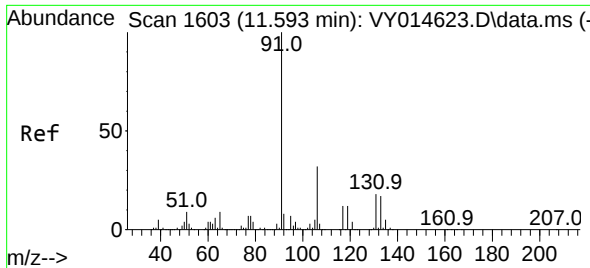


#66
1,1,1,2-Tetrachloroethane
Concen: 19.433 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



Tgt Ion:131 Resp: 55668
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 65.0 31.6 94.7





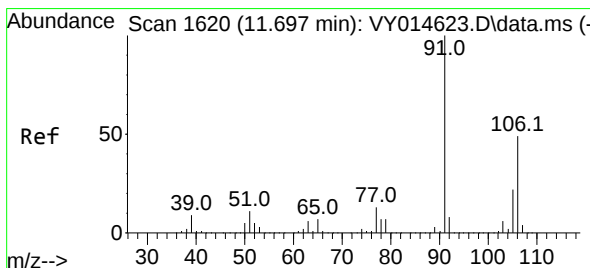
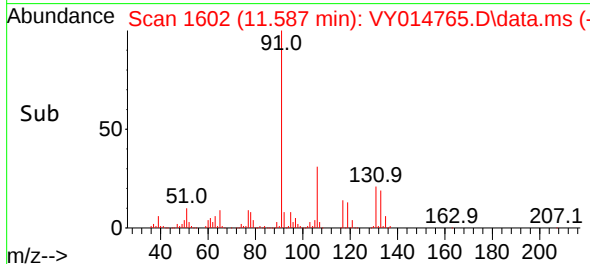
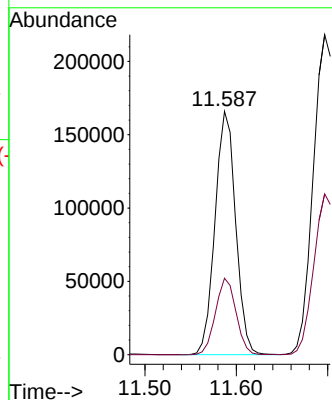
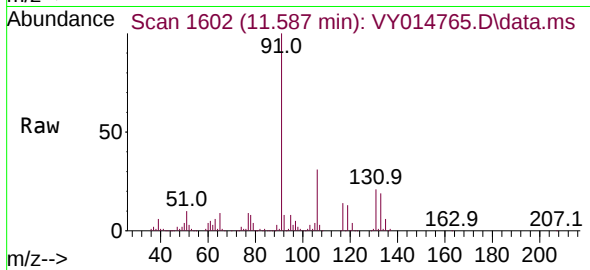
#67
Ethyl Benzene
Concen: 18.993 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion: 91 Resp: 26054
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

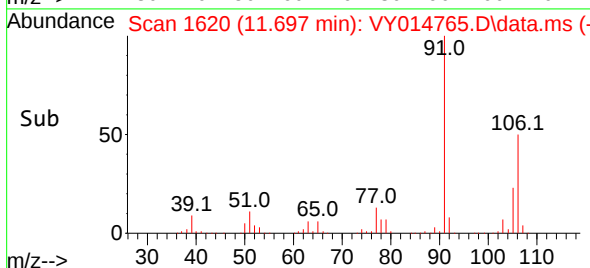
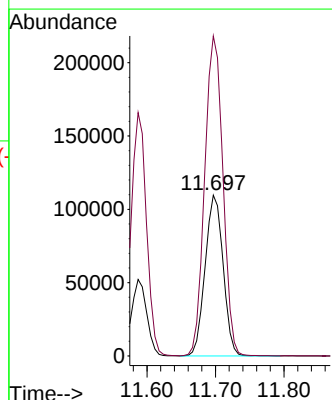
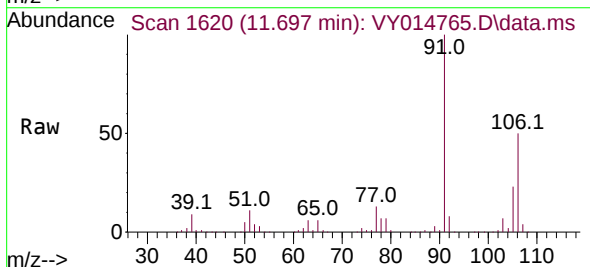
Manual Integrations
APPROVED

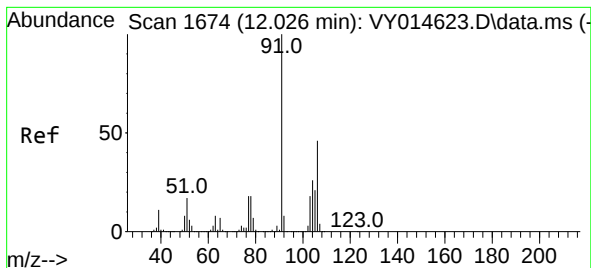
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#68
m/p-Xylenes
Concen: 38.261 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion:106 Resp: 200353
Ion Ratio Lower Upper
106 100
91 201.6 166.1 249.1





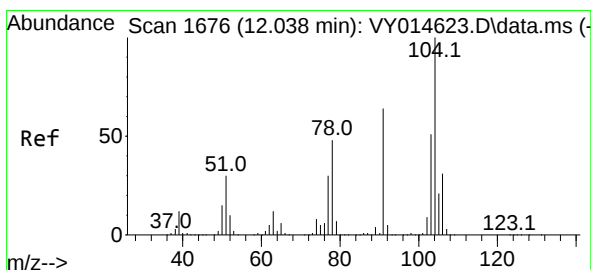
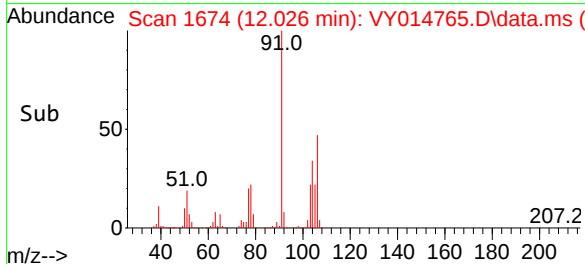
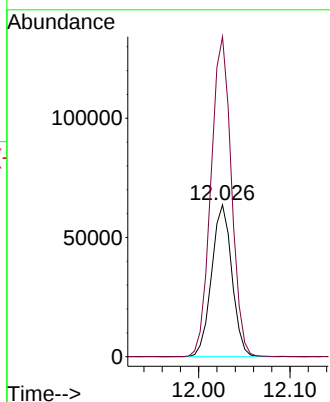
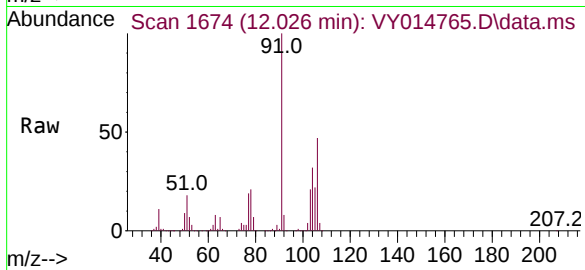
#69
o-Xylene
Concen: 19.234 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01

Tgt Ion:106 Resp: 9810
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3

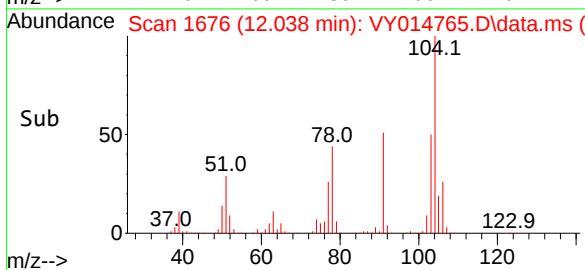
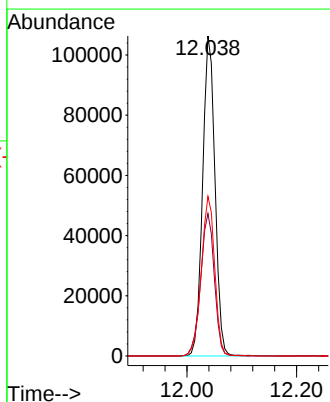
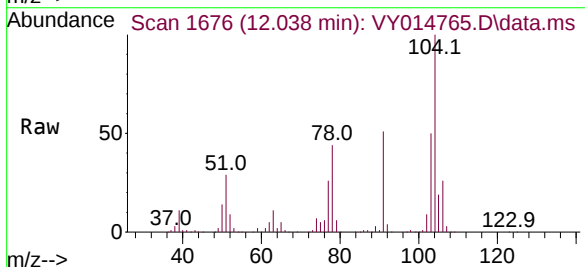
Manual Integrations
APPROVED

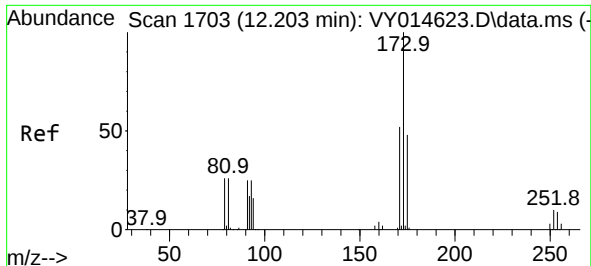
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 19.325 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

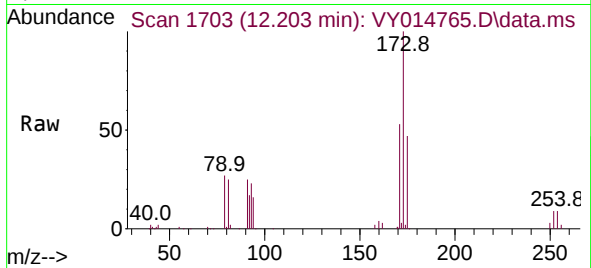
Tgt Ion:104 Resp: 166125
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 54.0 44.6 67.0





#71
Bromoform
Concen: 20.463 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

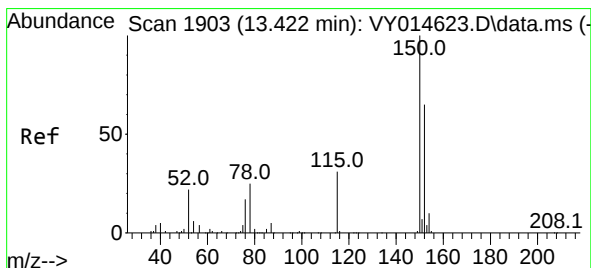
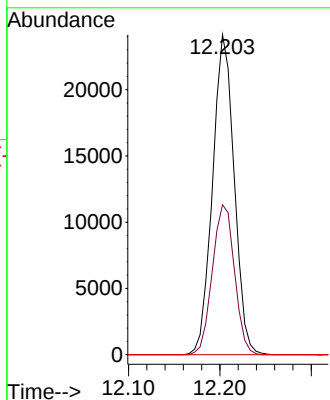
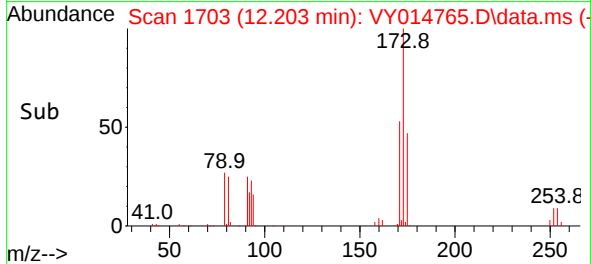
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



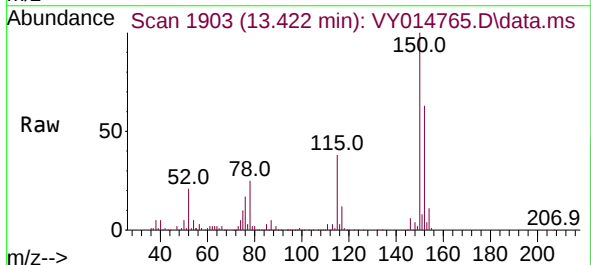
Tgt Ion:173 Resp: 3973
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

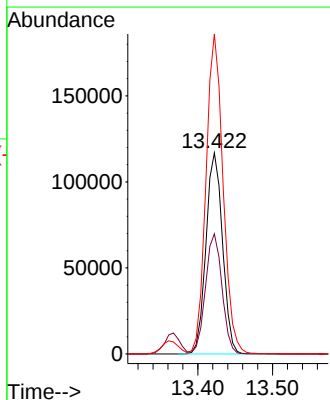
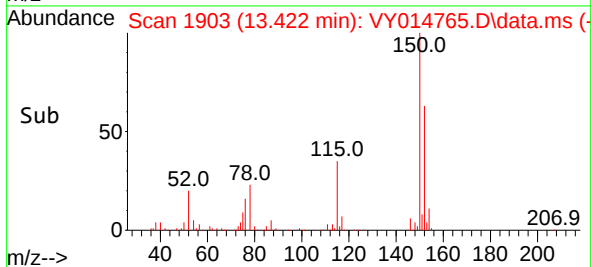
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

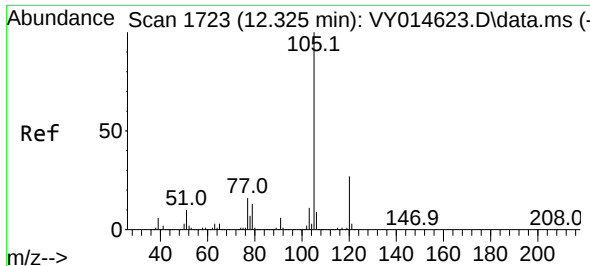


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



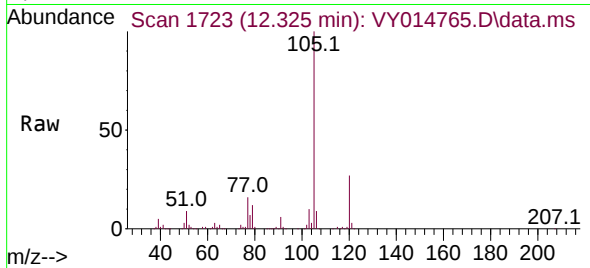
Tgt Ion:152 Resp: 179580
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.5
150 164.2 0.0 348.8





#73
Isopropylbenzene
Concen: 18.277 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

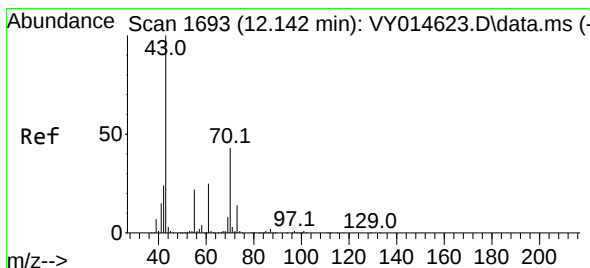
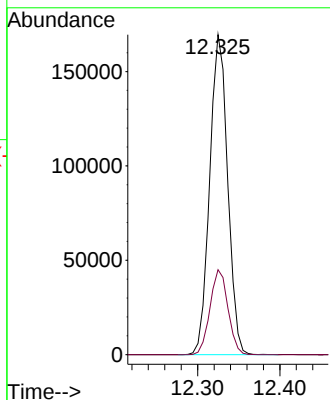
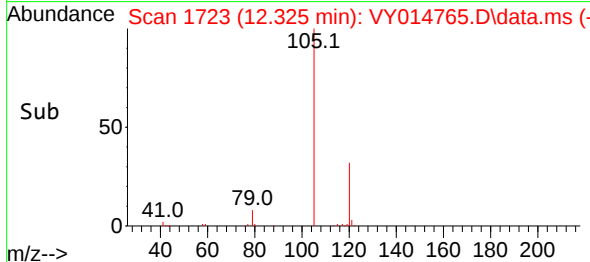
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



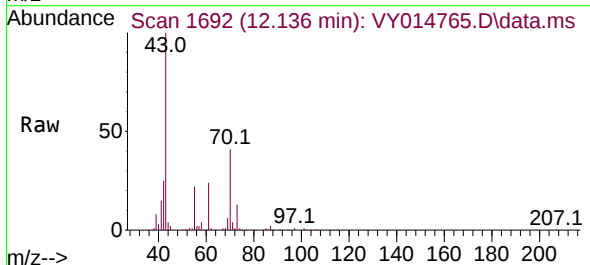
Tgt Ion:105 Resp: 256990
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

Manual Integrations
APPROVED

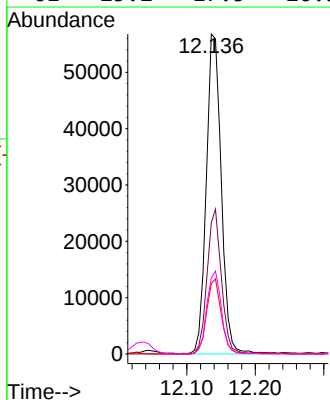
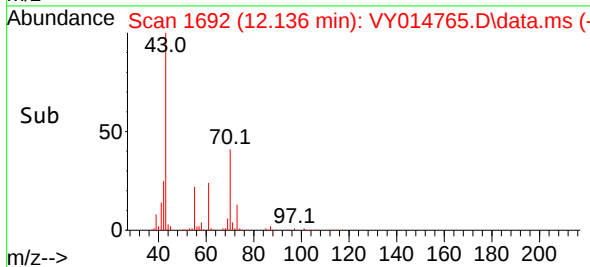
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

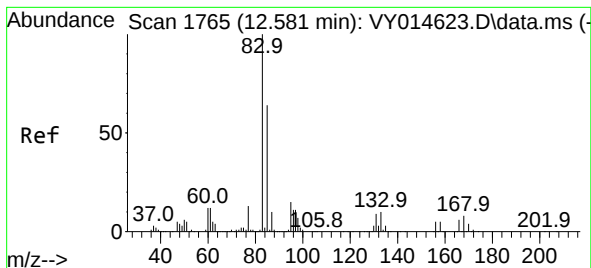


#74
N-ethyl acetate
Concen: 18.429 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



Tgt Ion: 43 Resp: 86787
Ion Ratio Lower Upper
43 100
70 42.9 29.7 44.5
55 22.9 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.144 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

Tgt Ion: 83 Resp: 61380

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

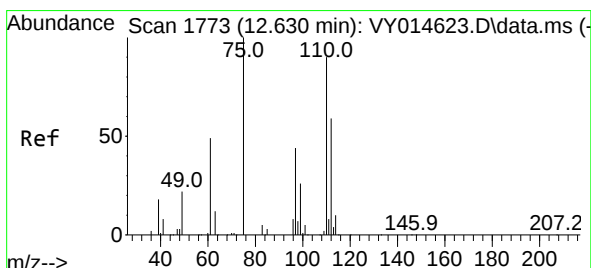
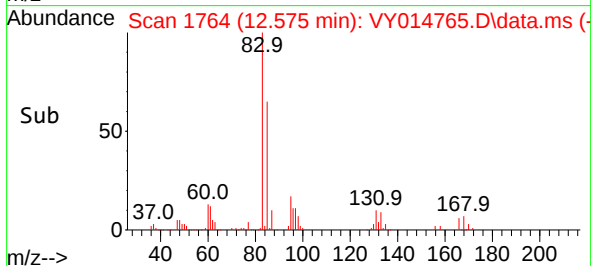
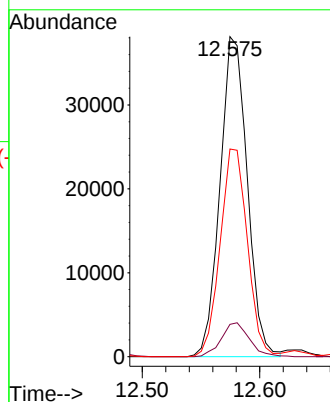
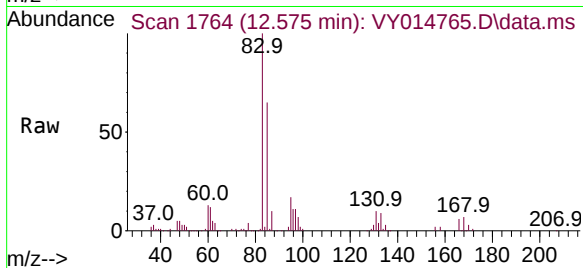
85 65.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#76

1,2,3-Trichloropropane

Concen: 23.291 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014765.D

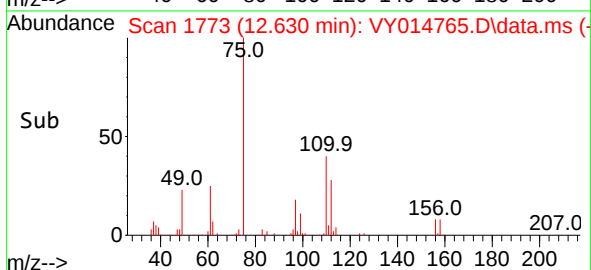
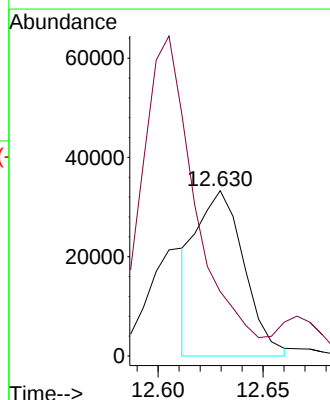
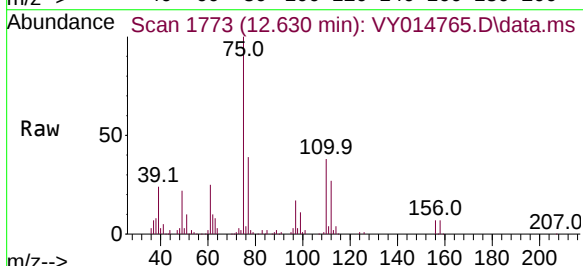
Acq: 24 Jul 2023 12:21

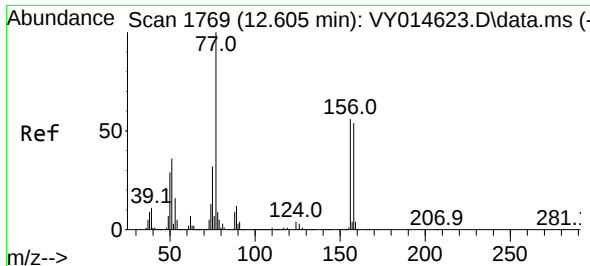
Tgt Ion: 75 Resp: 52825

Ion Ratio Lower Upper

75 100

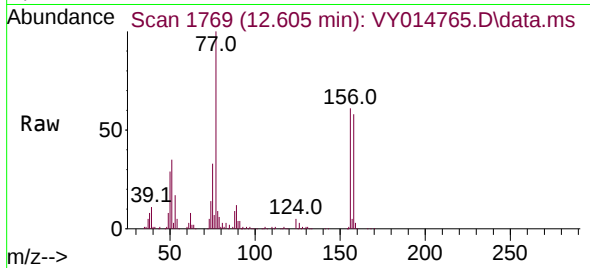
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.144 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

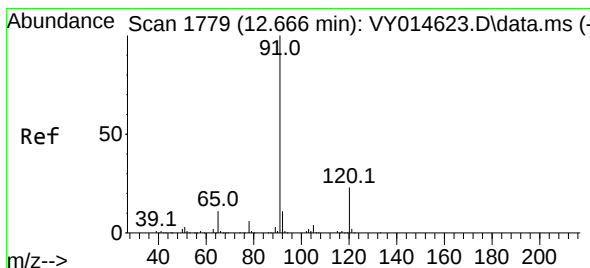
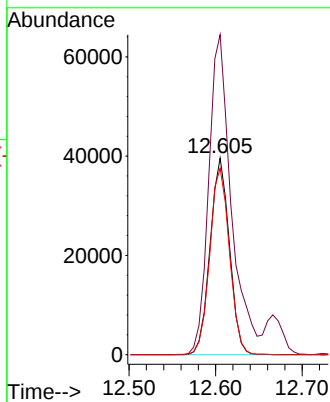
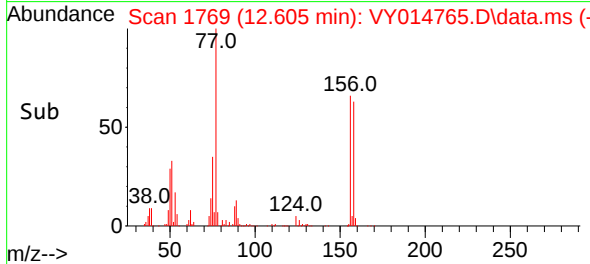
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBS01



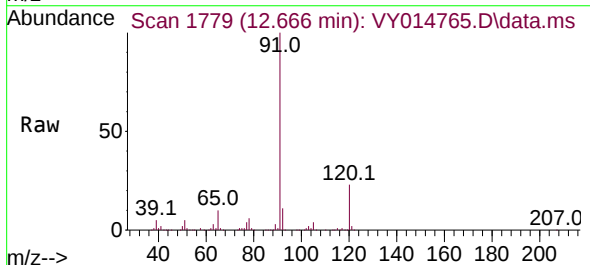
Tgt Ion:156 Resp: 6144
Ion Ratio Lower Upper
156 100
77 189.3 92.8 278.6
158 96.4 48.4 145.3

Manual Integrations
APPROVED

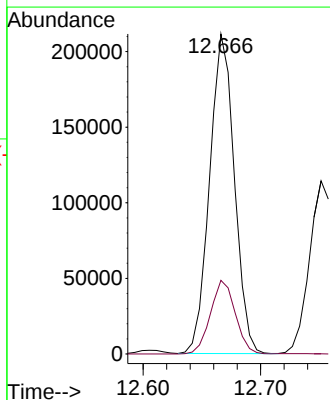
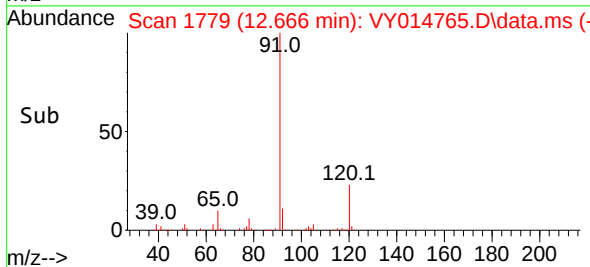
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

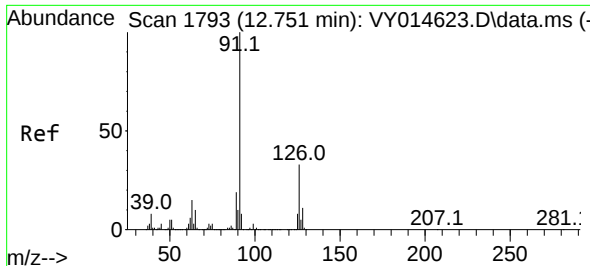


#78
n-propylbenzene
Concen: 18.284 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



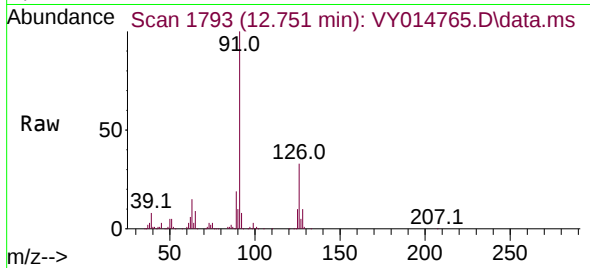
Tgt Ion: 91 Resp: 309806
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.181 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

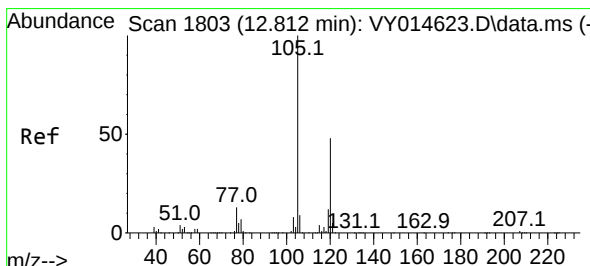
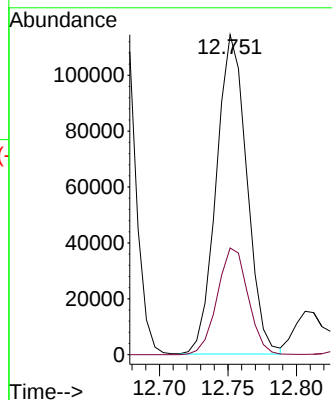
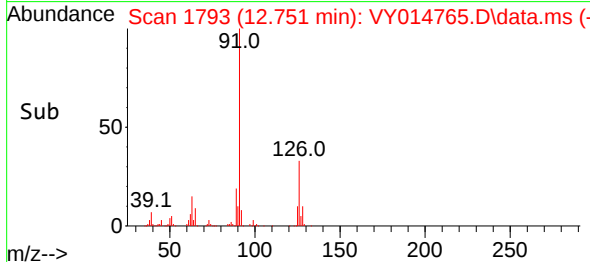
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



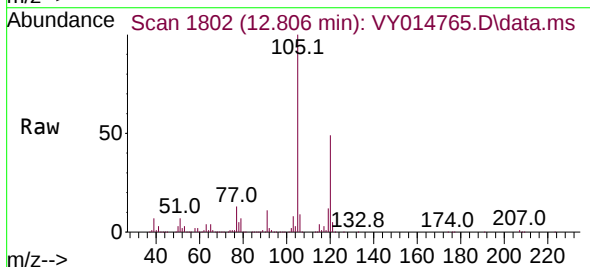
Tgt Ion: 91 Resp: 177435
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.7

Manual Integrations
APPROVED

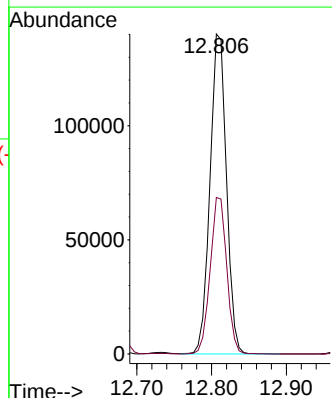
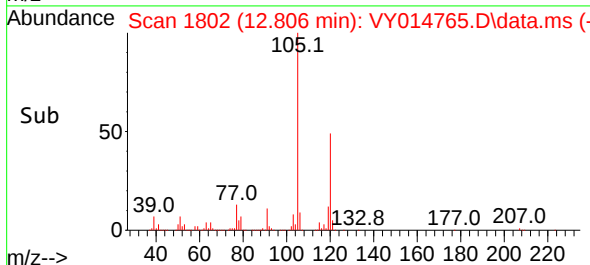
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

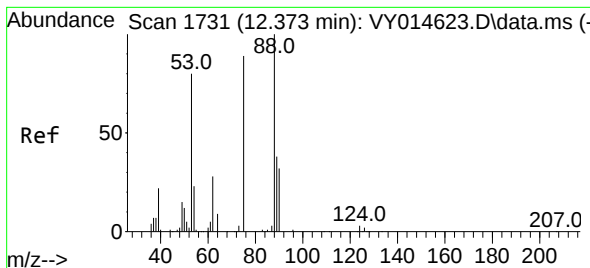


#80
1,3,5-Trimethylbenzene
Concen: 18.287 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21



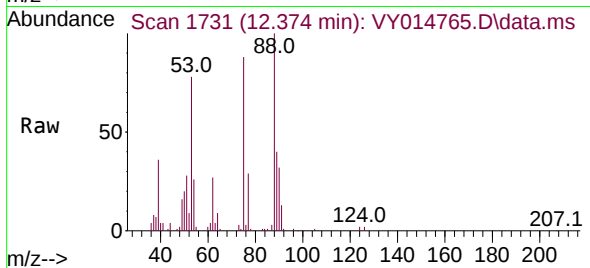
Tgt Ion:105 Resp: 214749
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.419 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

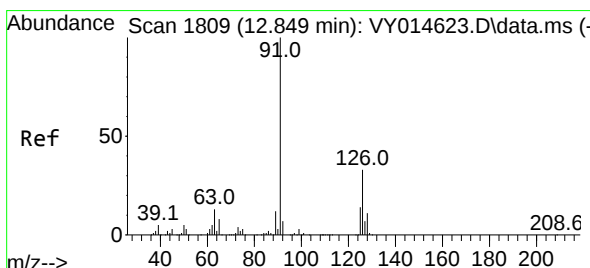
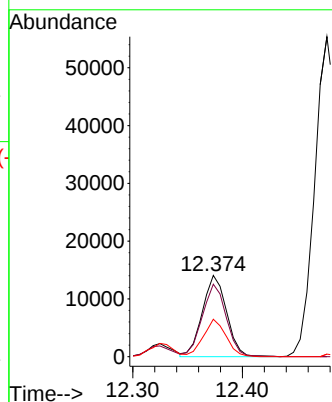
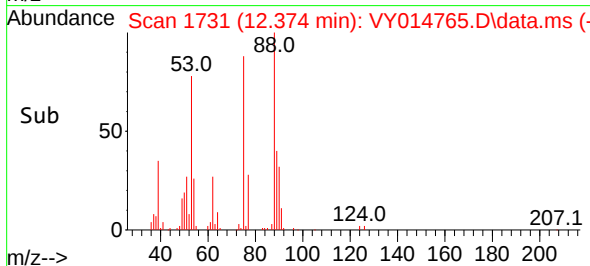
Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01



Tgt Ion: 75 Resp: 21570
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 42.9 37.4 56.0

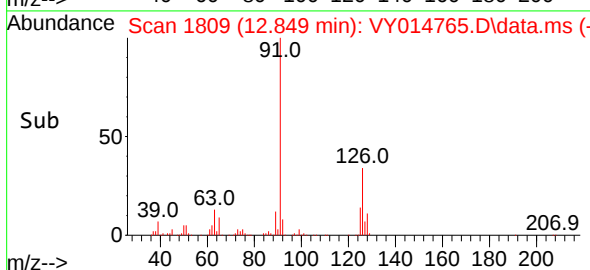
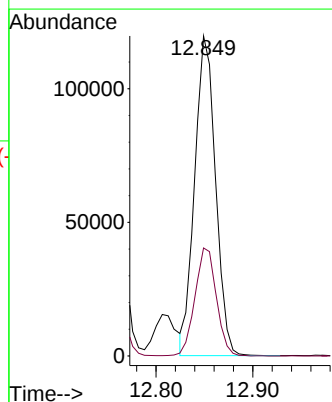
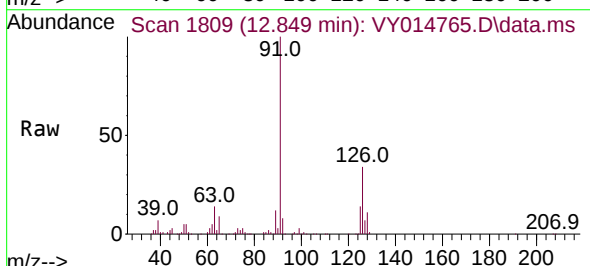
Manual Integrations
APPROVED

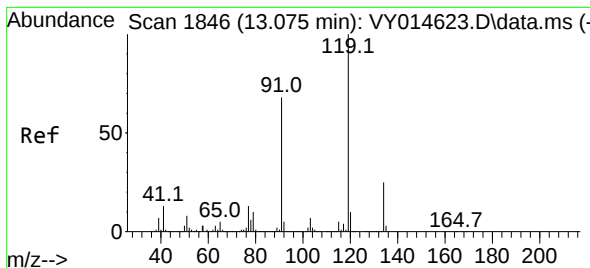
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 17.824 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 91 Resp: 179147
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.533 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

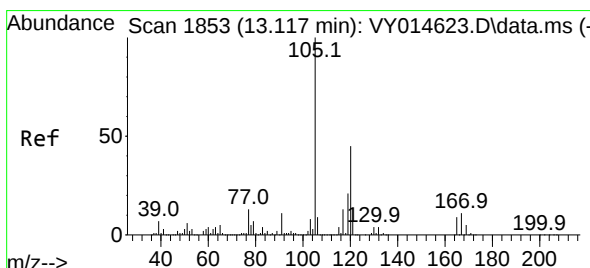
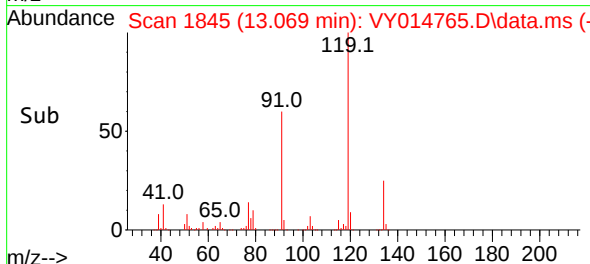
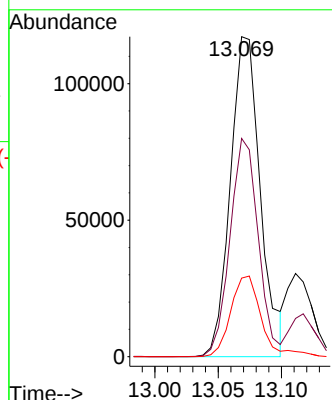
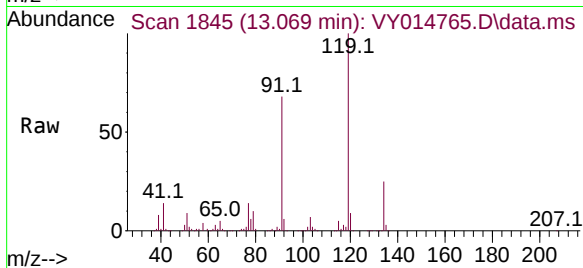
Tgt Ion:	119	Resp:	19305
Ion Ratio	Lower	Upper	
119	100		
91	64.5	32.9	98.6
134	25.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.448 ug/l

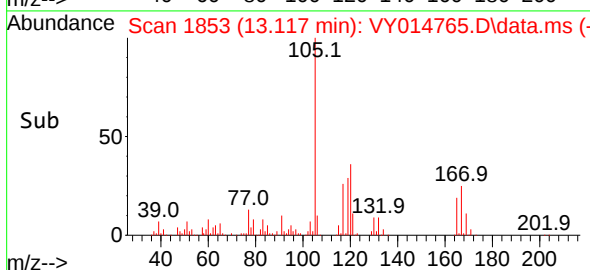
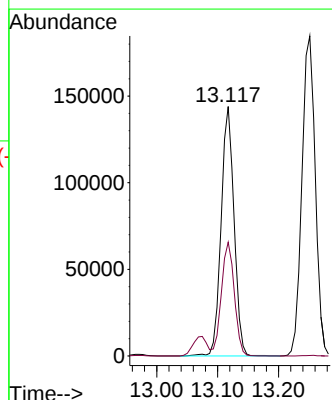
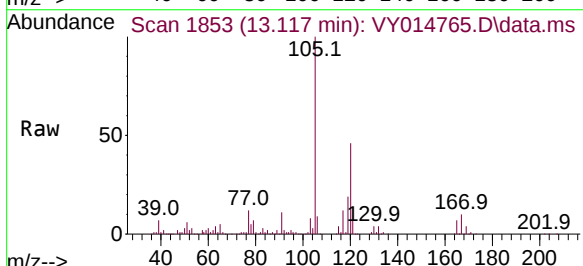
RT: 13.117 min Scan# 1853

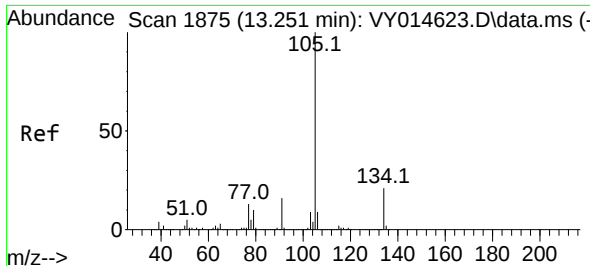
Delta R.T. 0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion:	105	Resp:	212600
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.2	66.6





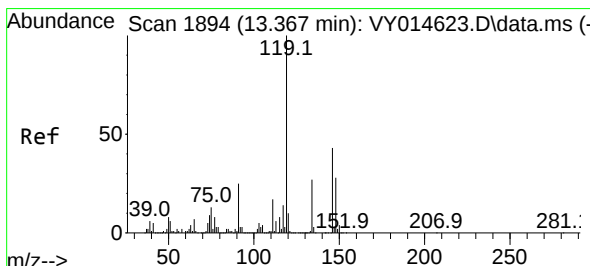
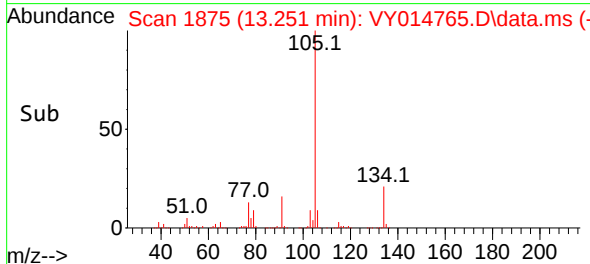
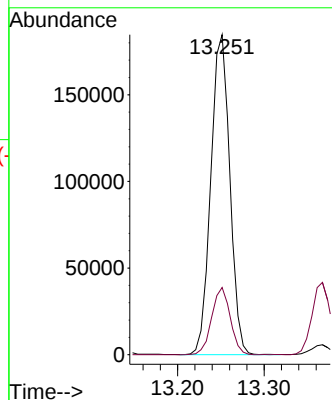
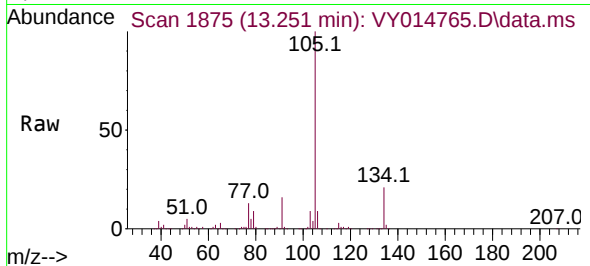
#85
 sec-Butylbenzene
 Concen: 18.406 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBSD01

Tgt Ion:105 Resp: 28126
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

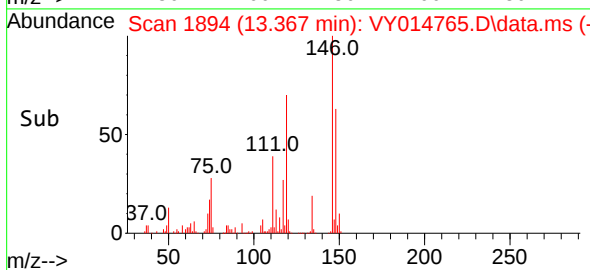
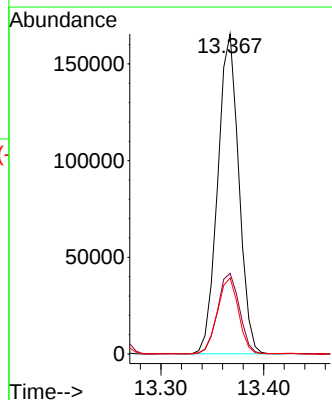
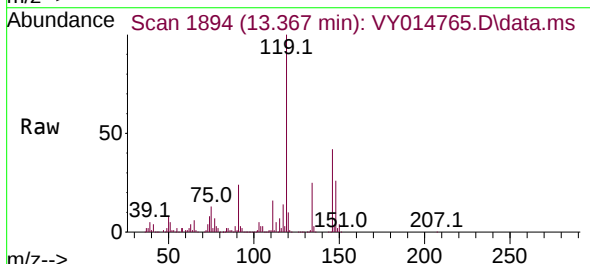
Manual Integrations
 APPROVED

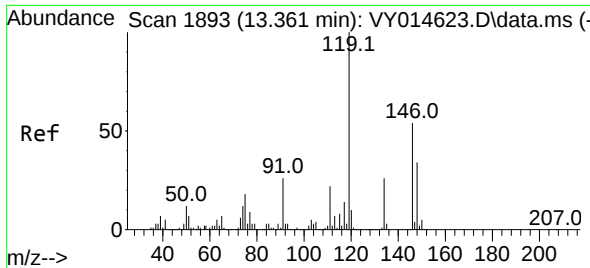
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#86
 p-Isopropyltoluene
 Concen: 18.834 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Tgt Ion:119 Resp: 234982
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.8 12.4 37.4





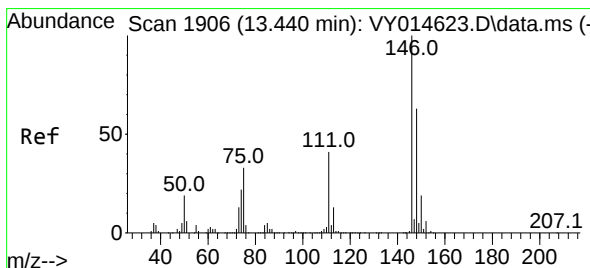
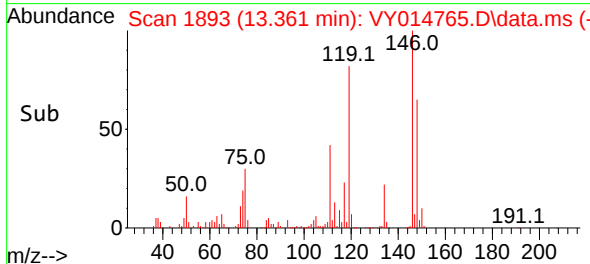
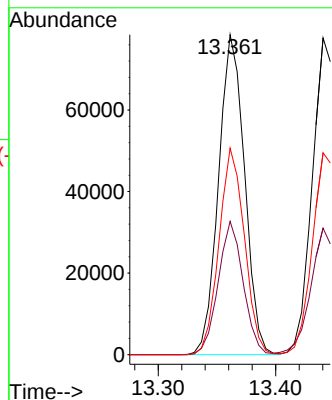
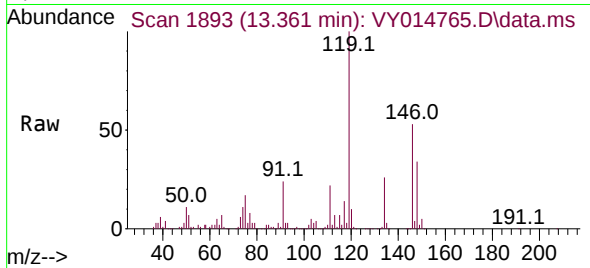
#87
 1,3-Dichlorobenzene
 Concen: 19.333 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Tgt Ion:146 Resp: 12077
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.4 58.2
 148 63.2 31.9 95.5

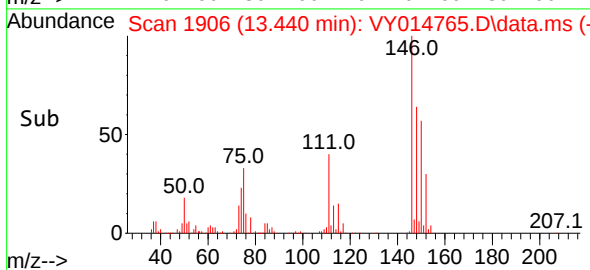
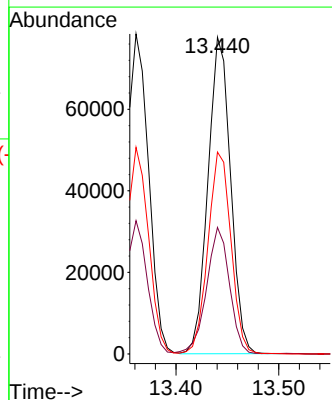
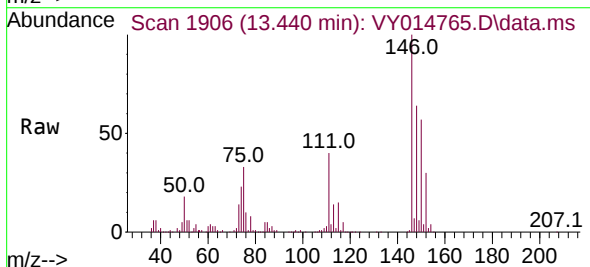
Manual Integrations
 APPROVED

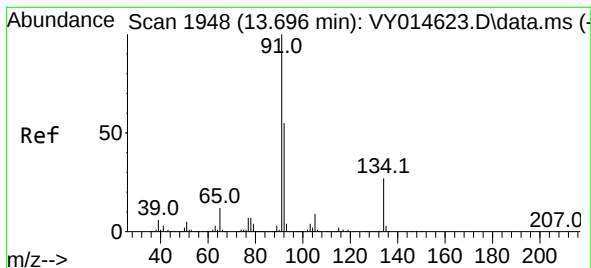
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.958 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014765.D
 Acq: 24 Jul 2023 12:21

Tgt Ion:146 Resp: 118677
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.7
 148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 18.178 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

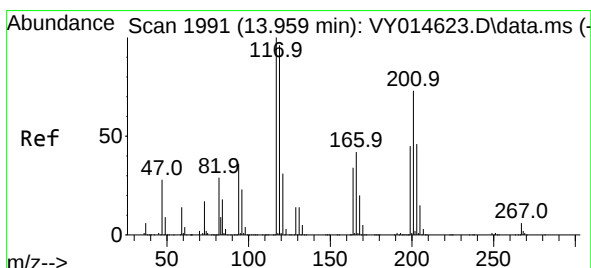
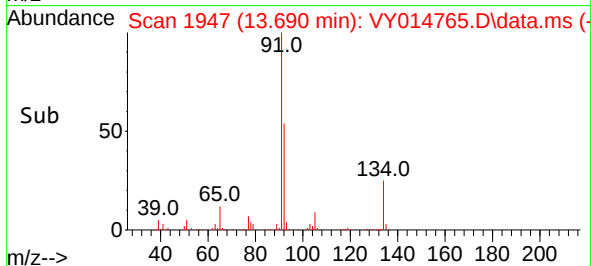
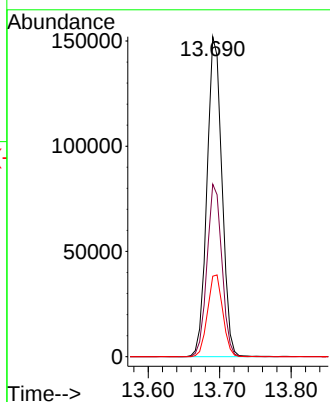
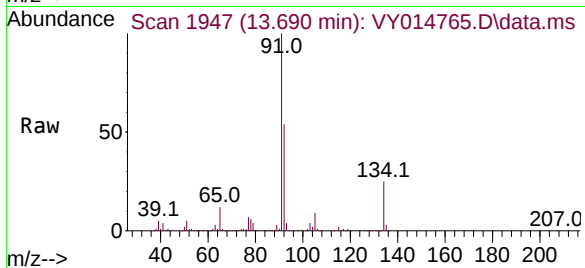
Tgt Ion:	91	Resp:	220650
Ion	Ratio	Lower	Upper
91	100		
92	53.6	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#90

Hexachloroethane

Concen: 17.965 ug/l

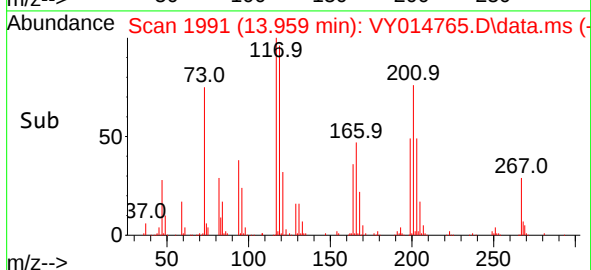
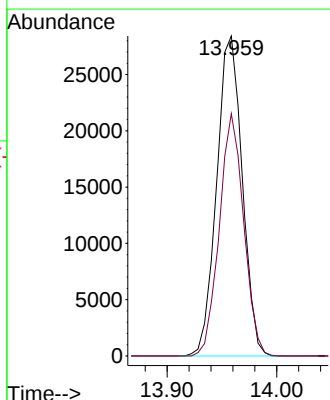
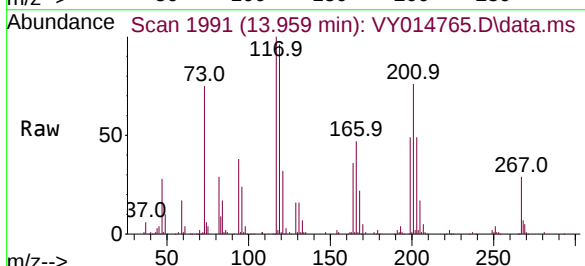
RT: 13.959 min Scan# 1991

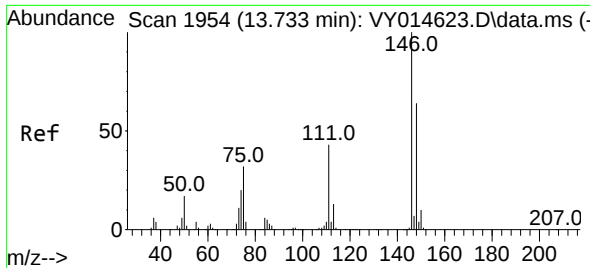
Delta R.T. -0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion:	117	Resp:	46039
Ion	Ratio	Lower	Upper
117	100		
201	72.1	41.6	124.8





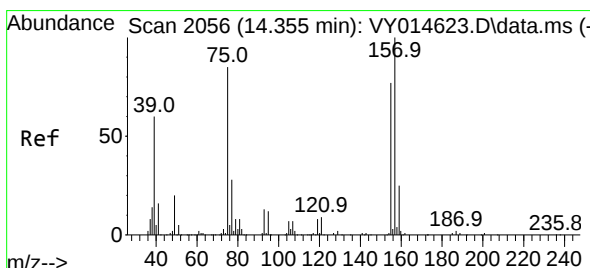
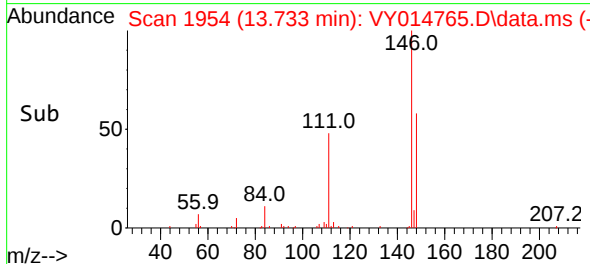
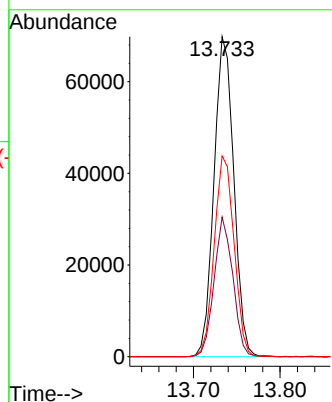
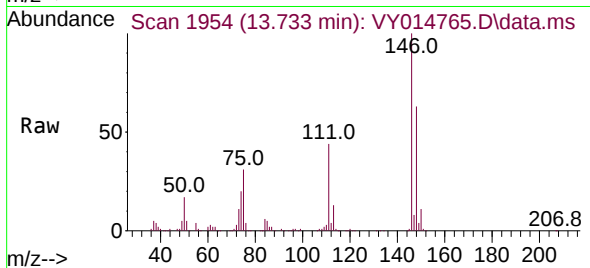
#91
1,2-Dichlorobenzene
Concen: 19.391 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0724SBSD01

Tgt Ion:146 Resp: 11098
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 62.9 32.0 96.2

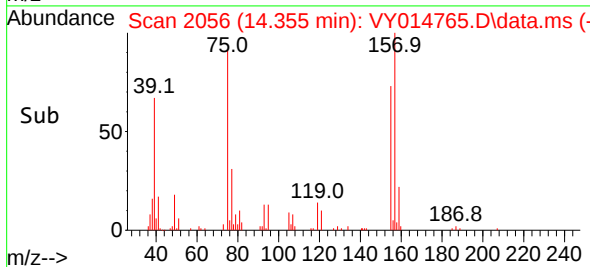
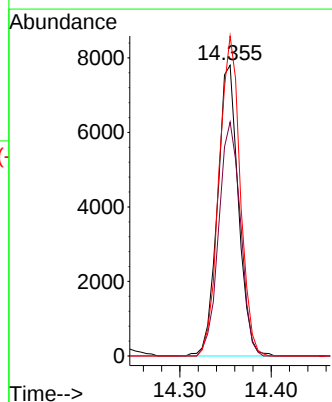
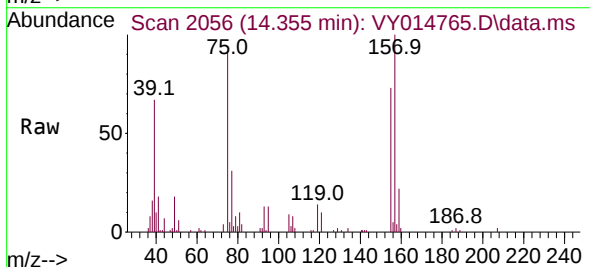
Manual Integrations
APPROVED

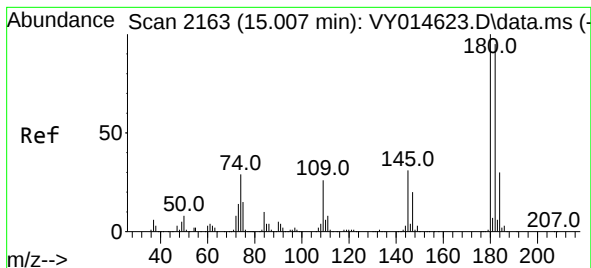
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.244 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014765.D
Acq: 24 Jul 2023 12:21

Tgt Ion: 75 Resp: 12414
Ion Ratio Lower Upper
75 100
155 83.3 41.5 124.6
157 110.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.818 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01

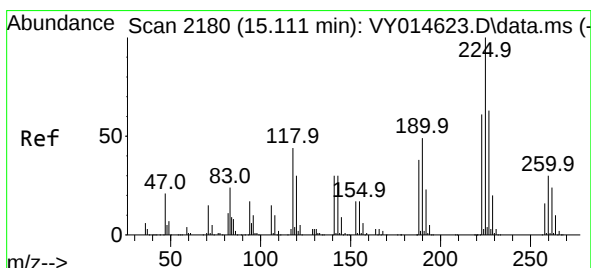
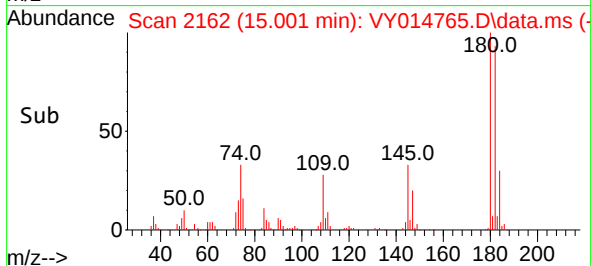
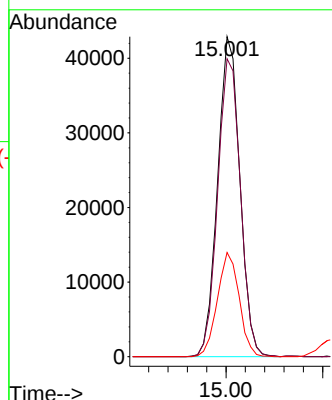
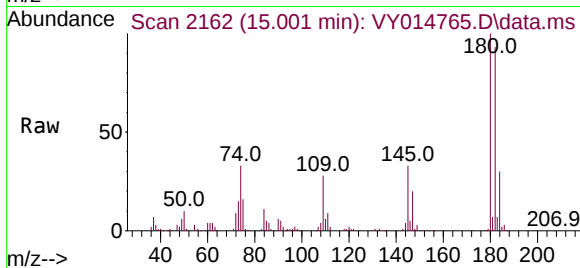
Tgt Ion:180 Resp: 6836
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.2
 145 31.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#94

Hexachlorobutadiene

Concen: 18.318 ug/l

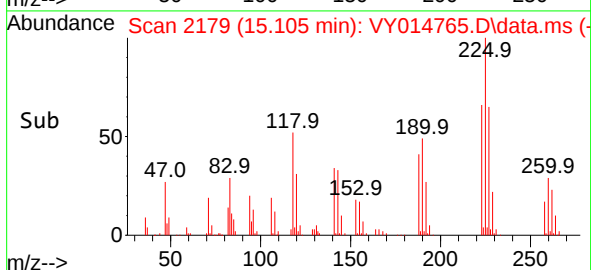
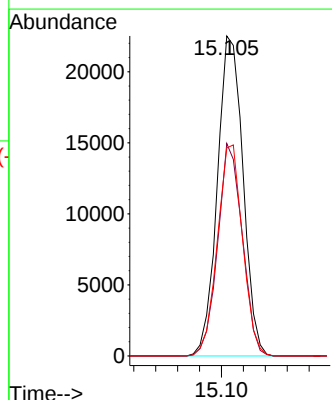
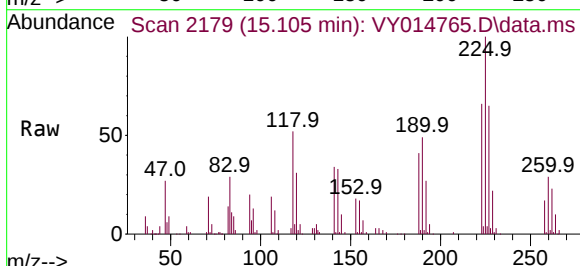
RT: 15.105 min Scan# 2179

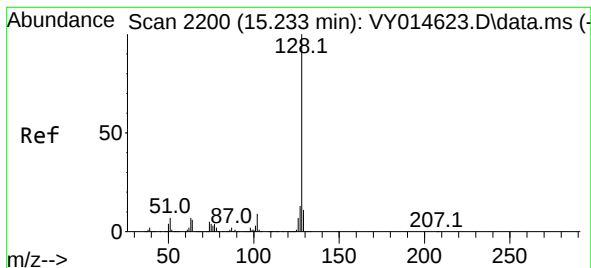
Delta R.T. -0.006 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion:225 Resp: 36572
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.9
 227 64.9 33.0 98.9





#95

Naphthalene

Concen: 19.558 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014765.D

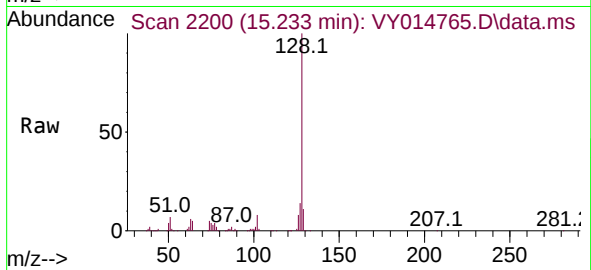
Acq: 24 Jul 2023 12:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0724SBS01



Tgt Ion:128 Resp: 165550

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

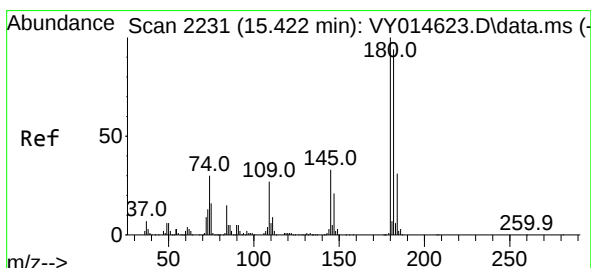
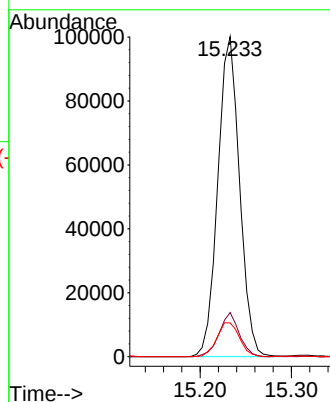
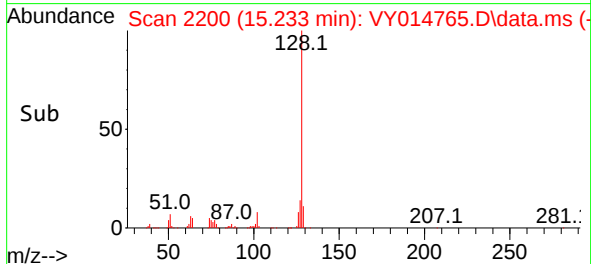
129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.077 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014765.D

Acq: 24 Jul 2023 12:21

Tgt Ion:180 Resp: 61597

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.1 15.4 46.2

