

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014611.D
 Acq On : 10 Jul 2023 12:32
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 03:15:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	328092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	473247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	434269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	150781	46.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.400%		
35) Dibromofluoromethane	7.716	113	146988	50.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.880%		
50) Toluene-d8	10.179	98	568155	49.317	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.477	95	192213	48.048	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62998	24.439	ug/l	98
3) Chloromethane	2.113	50	85196	22.421	ug/l	100
4) Vinyl Chloride	2.247	62	101005	23.061	ug/l	95
5) Bromomethane	2.631	94	74879	22.048	ug/l	100
6) Chloroethane	2.784	64	63798	22.623	ug/l	96
7) Trichlorofluoromethane	3.119	101	117424	22.075	ug/l	99
8) Diethyl Ether	3.527	74	40037	19.878	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	67527	21.258	ug/l	98
10) Methyl Iodide	4.088	142	74069	20.433	ug/l	92
11) Tert butyl alcohol	4.960	59	41992	59.547	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	62284	20.240	ug/l	86
13) Acrolein	3.723	56	40317	92.823	ug/l	100
14) Allyl chloride	4.472	41	86517	18.653	ug/l #	87
15) Acrylonitrile	5.161	53	99776	86.293	ug/l	99
16) Acetone	3.948	43	87838	86.178	ug/l #	85
17) Carbon Disulfide	4.192	76	187281	19.970	ug/l	99
18) Methyl Acetate	4.479	43	80047	17.252	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	163872	18.528	ug/l	99
20) Methylene Chloride	4.710	84	96280	23.408	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	67699	19.435	ug/l	89
22) Diisopropyl ether	6.118	45	182773	19.124	ug/l	92
23) Vinyl Acetate	6.058	43	511160	92.441	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	117018	19.503	ug/l	96
25) 2-Butanone	6.984	43	128246	84.976	ug/l	91
26) 2,2-Dichloropropane	6.978	77	96059	18.783	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	74561	18.870	ug/l	90
28) Bromochloromethane	7.332	49	52927	21.008	ug/l	86
29) Tetrahydrofuran	7.344	42	88696	91.114	ug/l	89
30) Chloroform	7.508	83	123844	19.787	ug/l	98
31) Cyclohexane	7.783	56	98454	19.227	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	106024	19.818	ug/l	97
36) 1,1-Dichloropropene	7.917	75	90773	20.339	ug/l	97
37) Ethyl Acetate	7.076	43	57651	18.836	ug/l #	94
38) Carbon Tetrachloride	7.899	117	97501	20.928	ug/l	99
39) Methylcyclohexane	9.185	83	110048	20.629	ug/l	93
40) Benzene	8.161	78	266761	19.746	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27533m	18.414	ug/l	
42) 1,2-Dichloroethane	8.234	62	78315	19.723	ug/l	92
43) Isopropyl Acetate	8.271	43	97684	18.833	ug/l #	91
44) Trichloroethene	8.935	130	77699	20.630	ug/l	89
45) 1,2-Dichloropropane	9.215	63	68112	19.653	ug/l	95
46) Dibromomethane	9.307	93	42293	20.045	ug/l	94
47) Bromodichloromethane	9.496	83	93193	20.047	ug/l	97
48) Methyl methacrylate	9.289	41	44339	18.798	ug/l #	79
49) 1,4-Dioxane	9.295	88	13715	364.032	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	289198	94.179	ug/l	90
52) Toluene	10.240	92	169240	19.907	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	97338	19.580	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	109126	19.675	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	61325	19.975	ug/l	93
56) Ethyl methacrylate	10.508	69	79590	19.058	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	97528	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	201428	99.562	ug/l	96
59) 2-Hexanone	10.831	43	206960	93.302	ug/l	89
60) Dibromochloromethane	10.983	129	72157	20.059	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60722	20.259	ug/l	99
64) Tetrachloroethene	10.715	164	79967	20.599	ug/l	97
65) Chlorobenzene	11.514	112	183854	19.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	71114	20.217	ug/l	98
67) Ethyl Benzene	11.593	91	311809	19.757	ug/l	98
68) m/p-Xylenes	11.703	106	252362	40.312	ug/l	93
69) o-Xylene	12.026	106	115616	19.472	ug/l	96
70) Styrene	12.044	104	200637	19.640	ug/l	97
71) Bromoform	12.203	173	54574	20.422	ug/l #	99
73) Isopropylbenzene	12.325	105	309476	20.076	ug/l	99
74) N-amyl acetate	12.142	43	89240	19.181	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	78376	19.812	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	56560m	20.477	ug/l	
77) Bromobenzene	12.605	156	84440	20.055	ug/l	94
78) n-propylbenzene	12.672	91	384267	20.435	ug/l	99
79) 2-Chlorotoluene	12.751	91	216098	19.969	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	264602	20.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26510	18.681	ug/l	88
82) 4-Chlorotoluene	12.855	91	227633	20.078	ug/l	97
83) tert-Butylbenzene	13.075	119	229105	19.976	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	259251	19.908	ug/l	98
85) sec-Butylbenzene	13.251	105	346088	20.449	ug/l	99
86) p-Isopropyltoluene	13.367	119	290224	20.377	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	165706	20.129	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	162185	19.658	ug/l	99
89) n-Butylbenzene	13.696	91	267192	20.299	ug/l	98
90) Hexachloroethane	13.959	117	58062	20.580	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	148974	19.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14435	19.931	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	96138	19.961	ug/l	97
94) Hexachlorobutadiene	15.111	225	64932	21.935	ug/l	99
95) Naphthalene	15.233	128	188814	18.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	88144	20.086	ug/l	99

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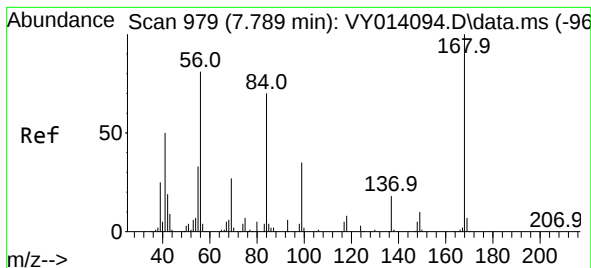
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/11/2023

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

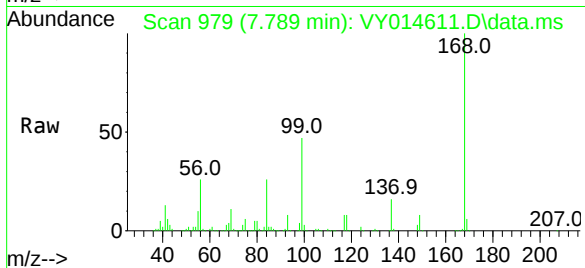
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014611.D
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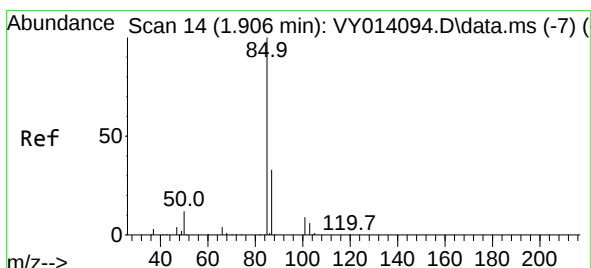
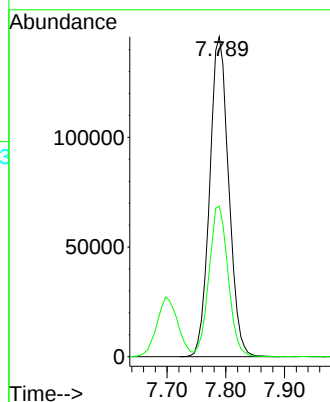
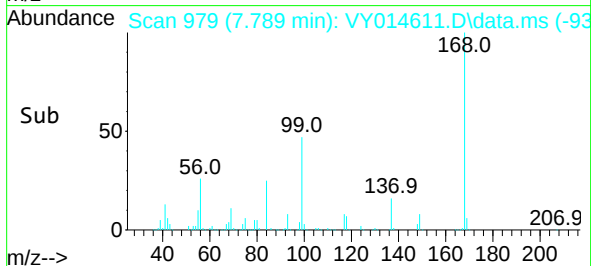
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion:168 Resp: 328092
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.0

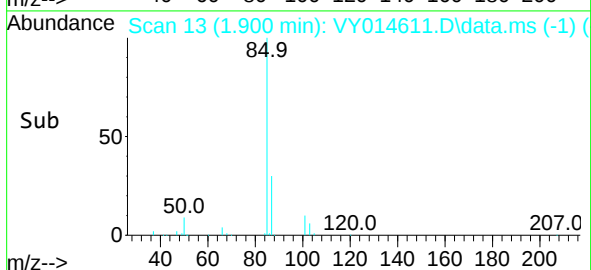
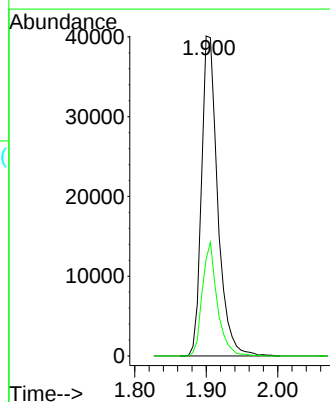
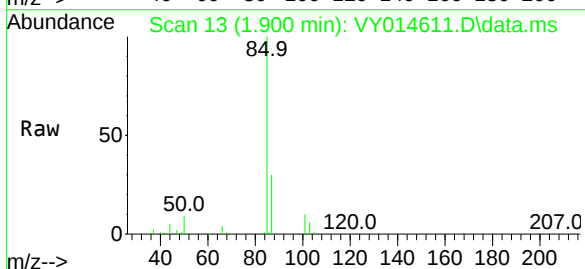
Manual Integrations
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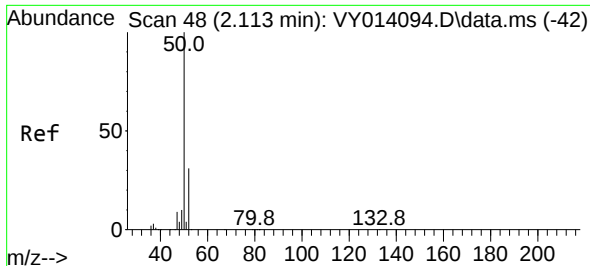
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 24.439 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

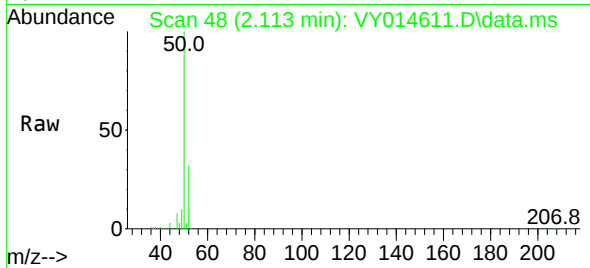
Tgt Ion: 85 Resp: 62998
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.8





#3
Chloromethane
Concen: 22.421 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

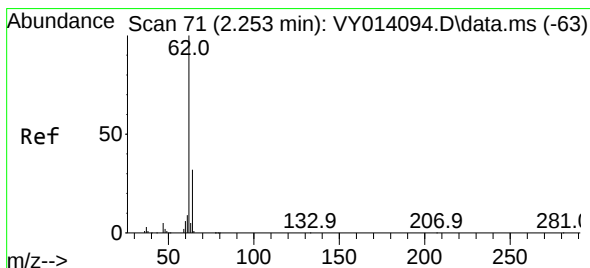
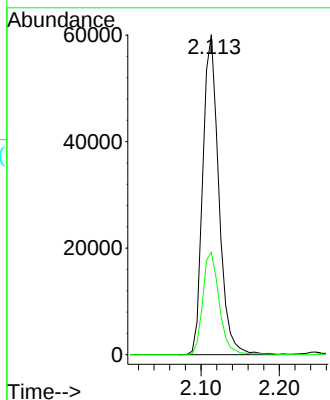
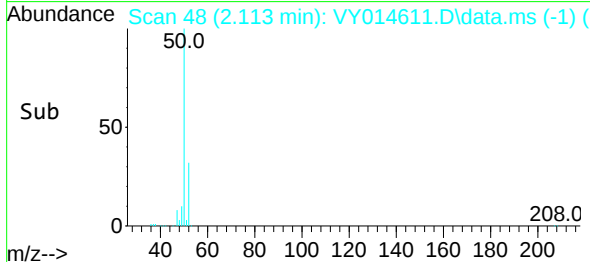
Instrument :
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ClientSampleId :
VY0710SBSD01



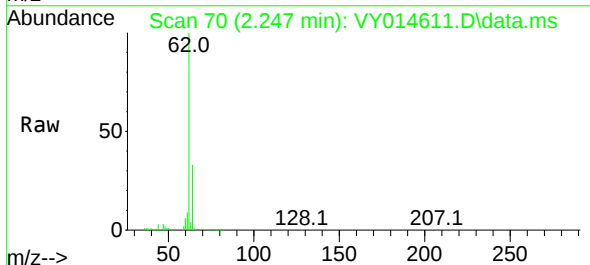
Tgt Ion: 50 Resp: 85190
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

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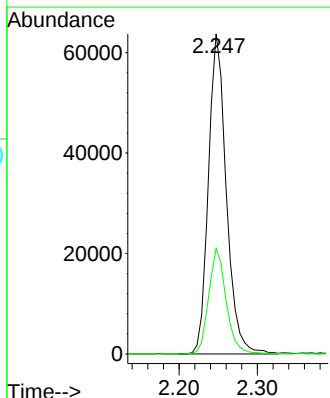
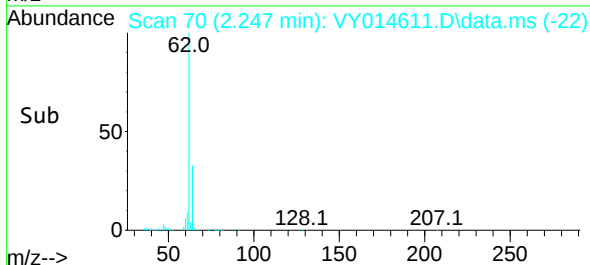
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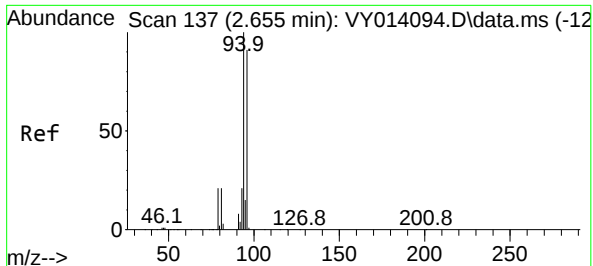


#4
Vinyl Chloride
Concen: 23.061 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



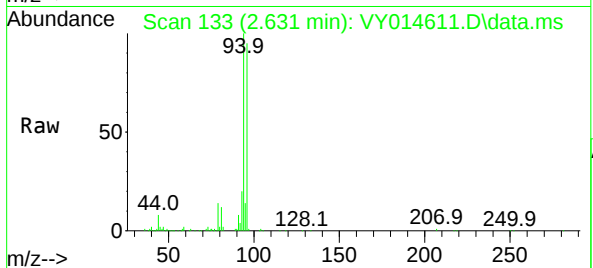
Tgt Ion: 62 Resp: 101005
Ion Ratio Lower Upper
62 100
64 32.9 24.3 36.5





#5
Bromomethane
Concen: 22.048 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

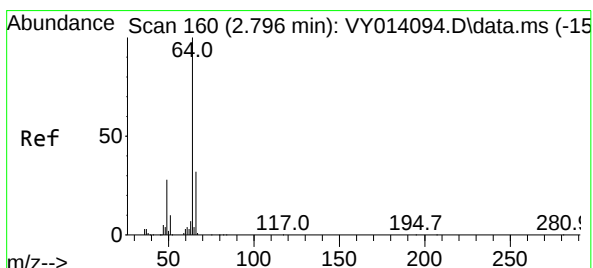
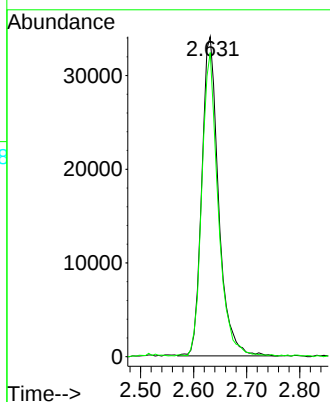
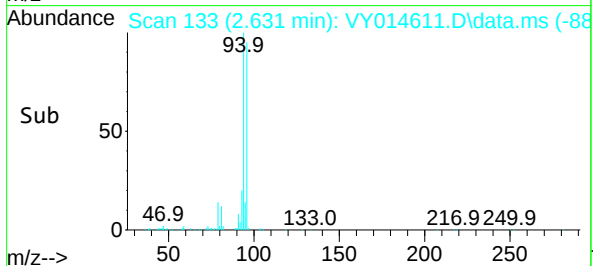
Instrument :
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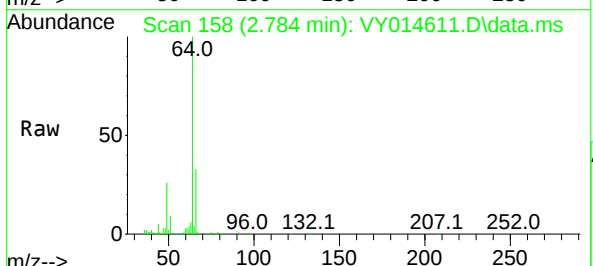
Tgt Ion: 94 Resp: 74879
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

Manual Integrations
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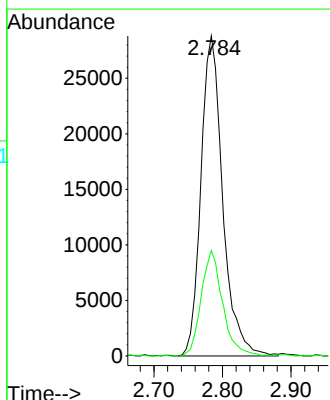
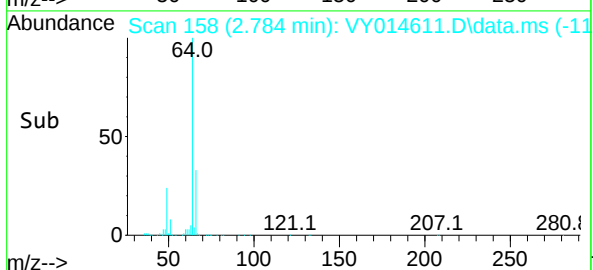
Reviewed By :John Carlone 07/11/2023
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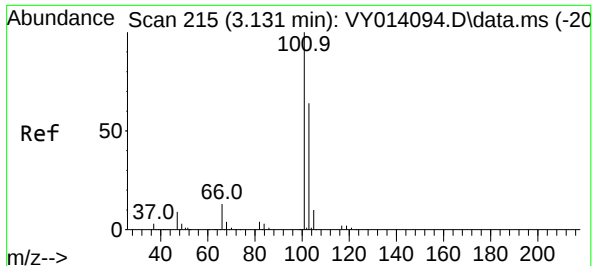


#6
Chloroethane
Concen: 22.623 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



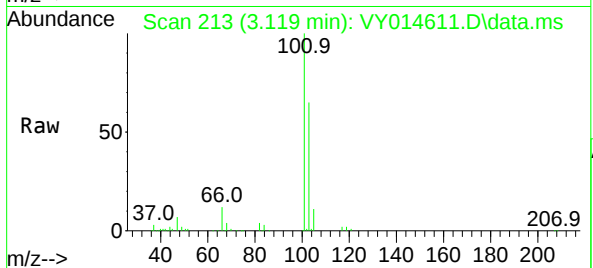
Tgt Ion: 64 Resp: 63798
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 22.075 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

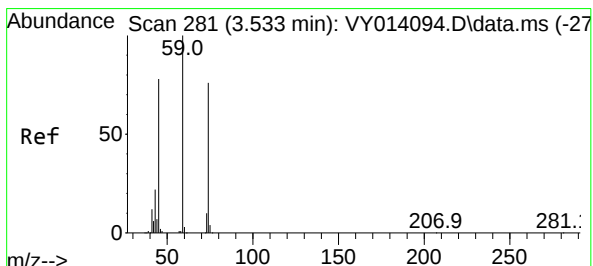
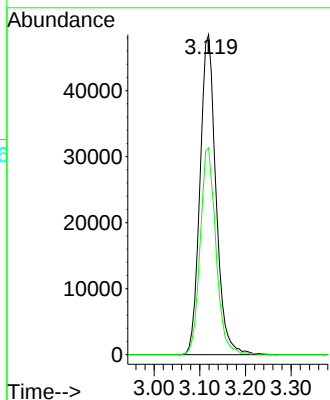
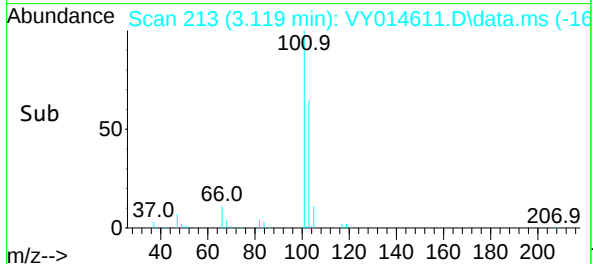
Instrument :
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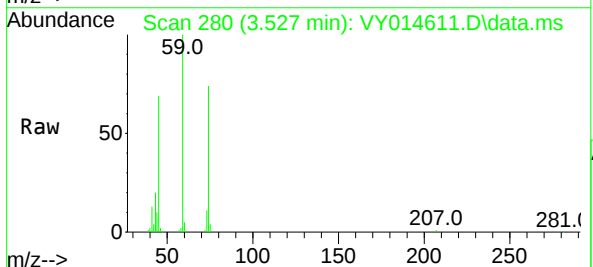
Tgt Ion:101 Resp: 117424
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

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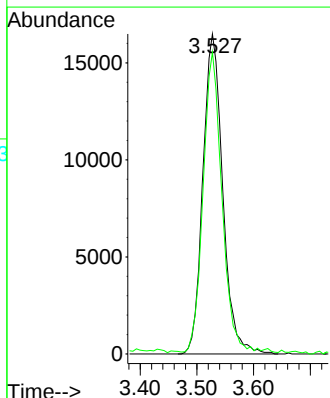
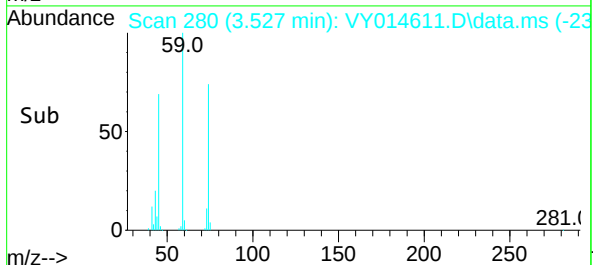
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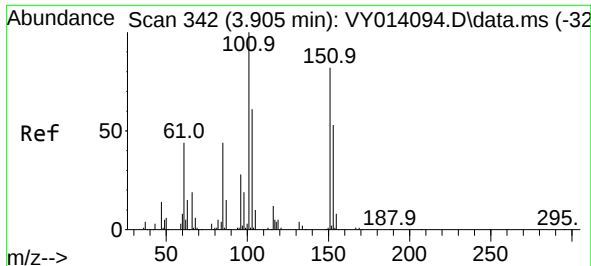


#8
 Diethyl Ether
 Concen: 19.878 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY014611.D
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Tgt Ion: 74 Resp: 40037
 Ion Ratio Lower Upper
 74 100
 45 88.5 51.5 154.5





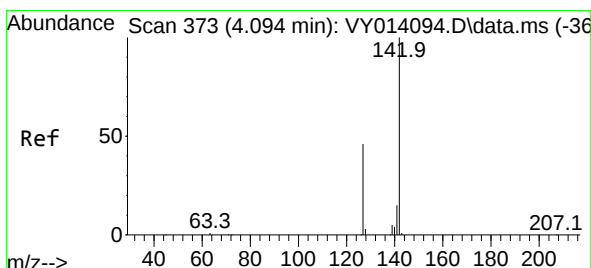
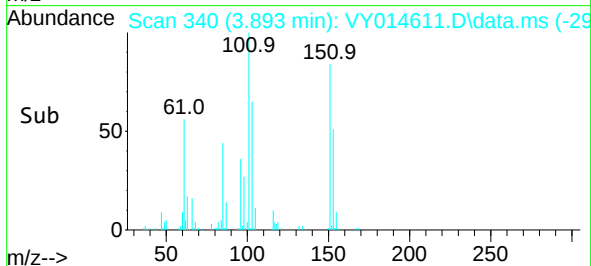
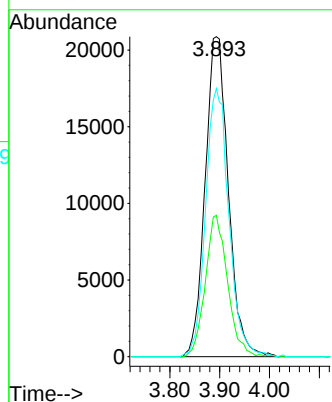
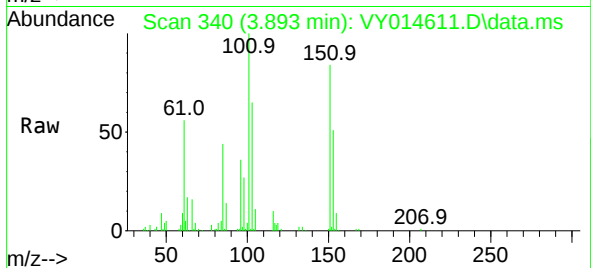
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.258 ug/l
RT: 3.893 min Scan# 342
Delta R.T. -0.012 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tgt Ion:101 Resp: 6752
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 84.2 67.0 100.6

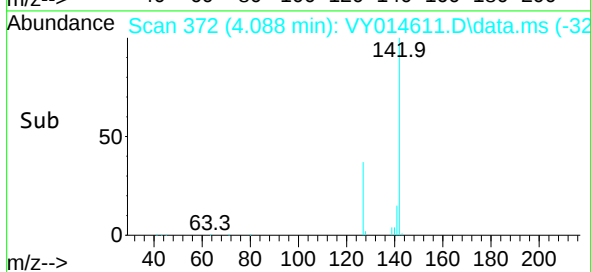
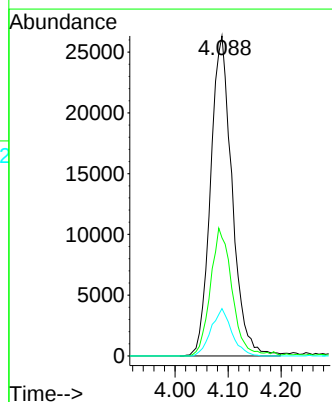
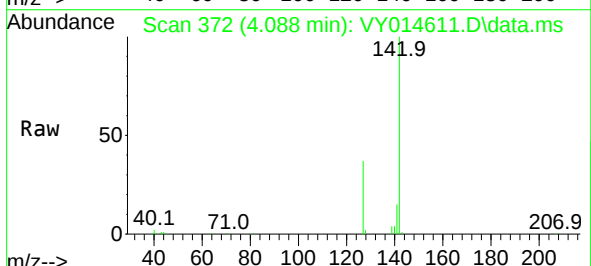
Manual Integrations
APPROVED

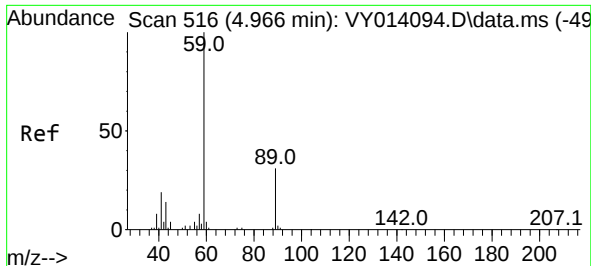
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 20.433 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

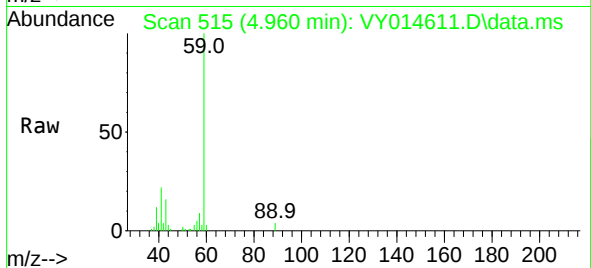
Tgt Ion:142 Resp: 74069
Ion Ratio Lower Upper
142 100
127 40.0 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 59.547 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

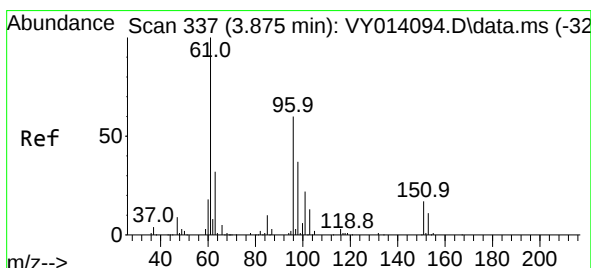
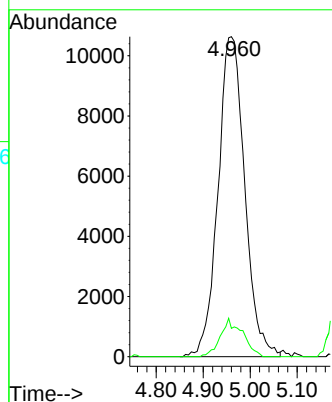
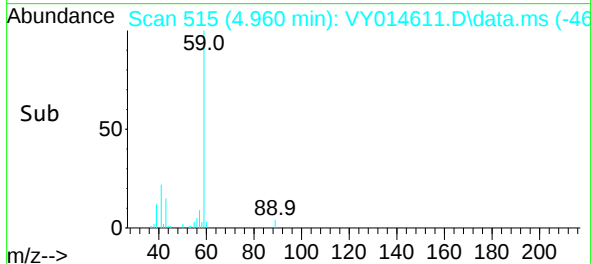
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 59 Resp: 41992
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4

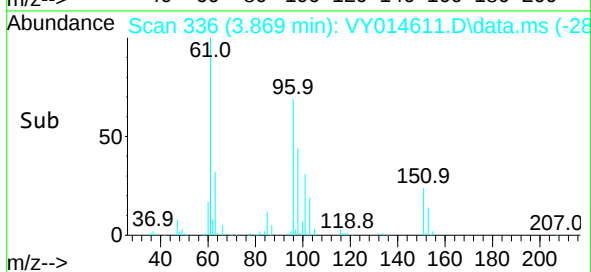
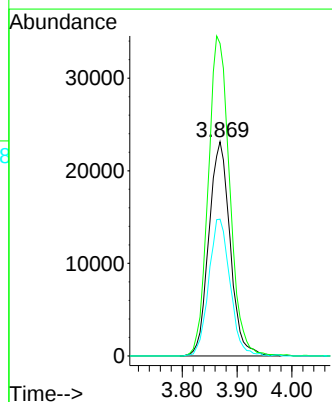
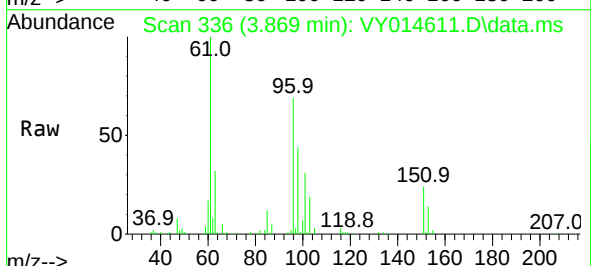
Manual Integrations
APPROVED

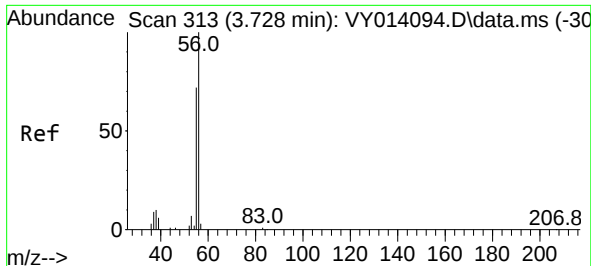
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1-Dichloroethene
Concen: 20.240 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion: 96 Resp: 62284
Ion Ratio Lower Upper
96 100
61 145.9 136.4 204.6
98 63.8 49.4 74.2





#13

Acrolein

Concen: 92.823 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.005 min

Lab File: VY014611.D

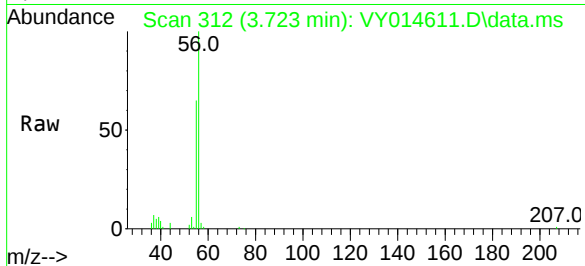
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01



Tgt Ion: 56 Resp: 4031

Ion Ratio Lower Upper

56 100

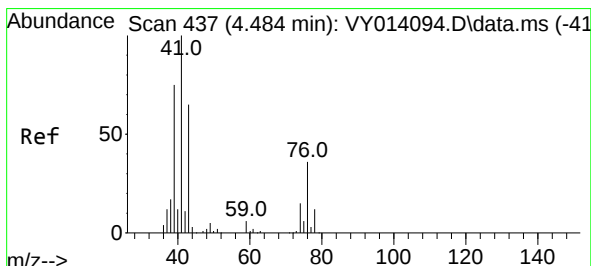
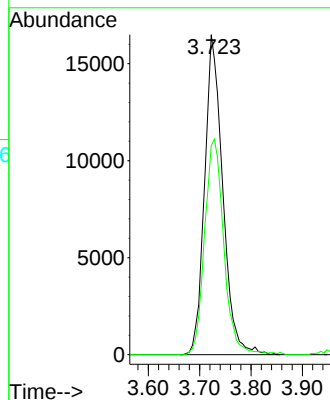
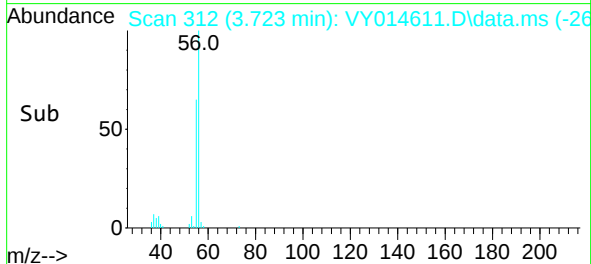
55 71.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#14

Allyl chloride

Concen: 18.653 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

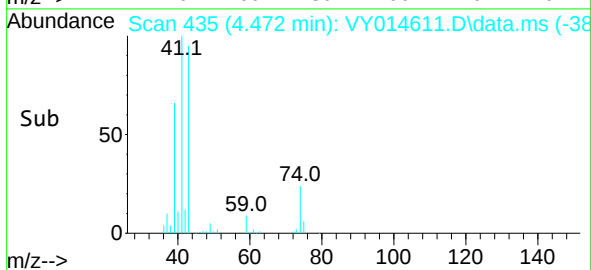
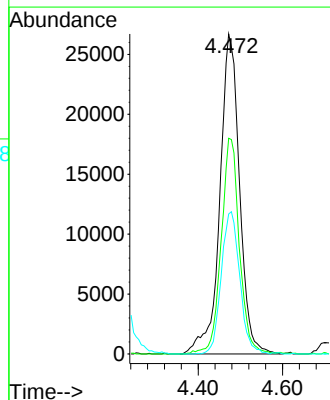
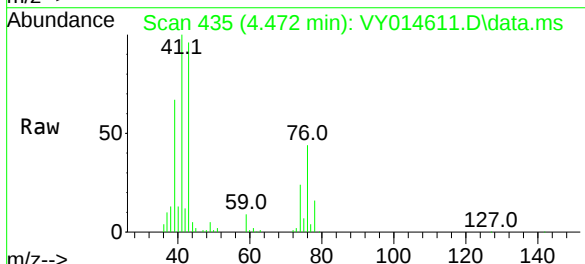
Tgt Ion: 41 Resp: 86517

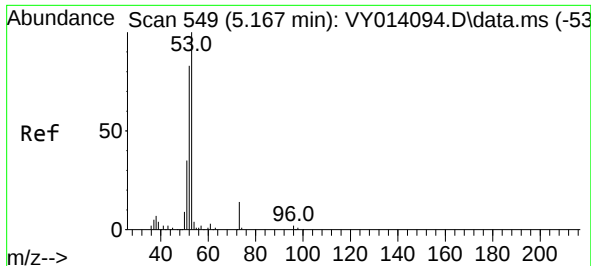
Ion Ratio Lower Upper

41 100

39 62.2 58.0 87.0

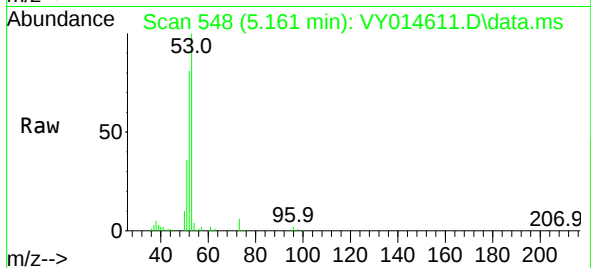
76 41.7 27.4 41.2#





#15
Acrylonitrile
Concen: 86.293 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

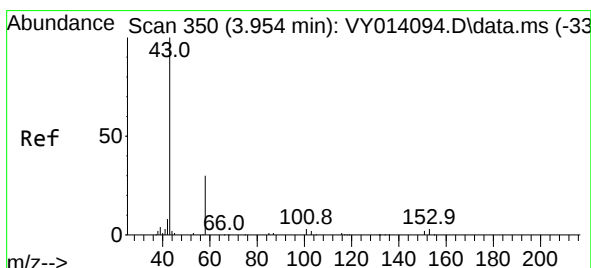
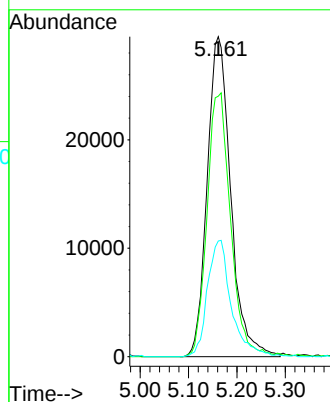
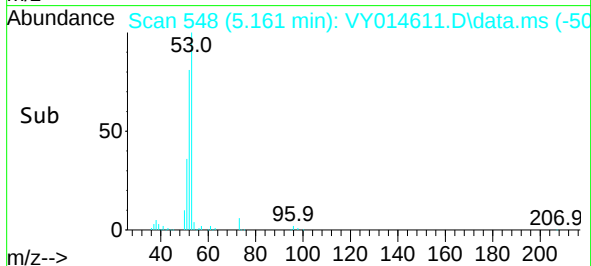
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



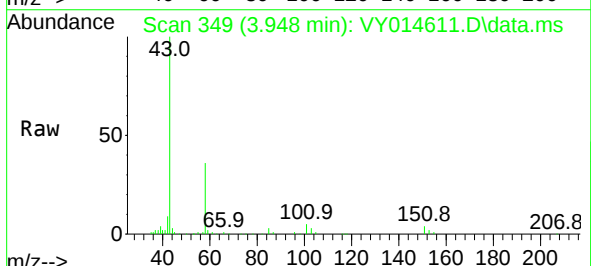
Tgt Ion: 53 Resp: 99770
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.9 29.8 44.6

Manual Integrations
APPROVED

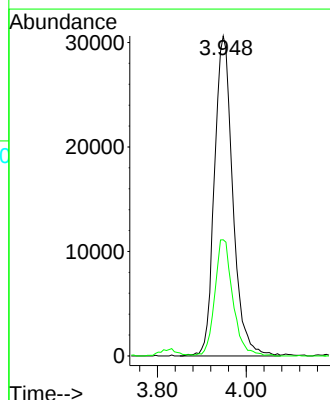
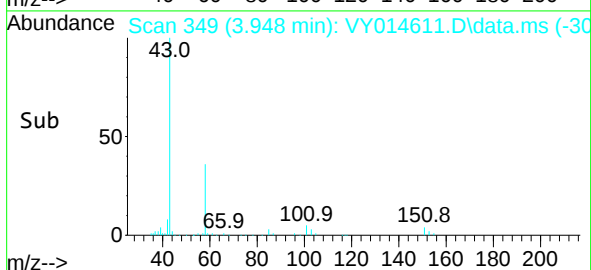
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

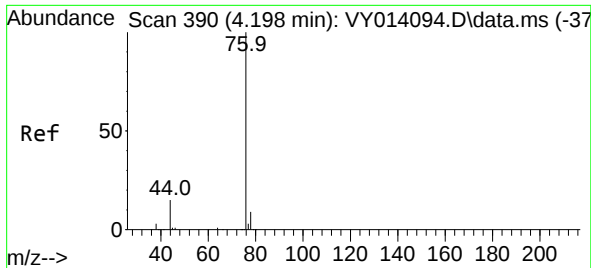


#16
Acetone
Concen: 86.178 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



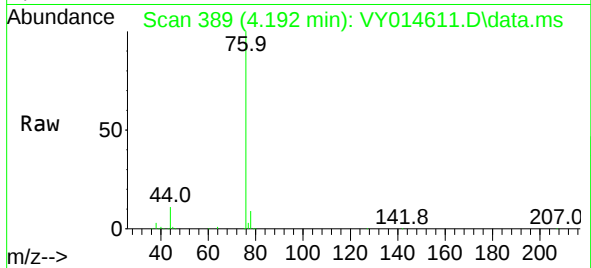
Tgt Ion: 43 Resp: 87838
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 19.970 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

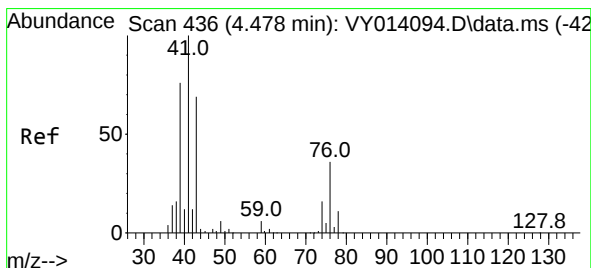
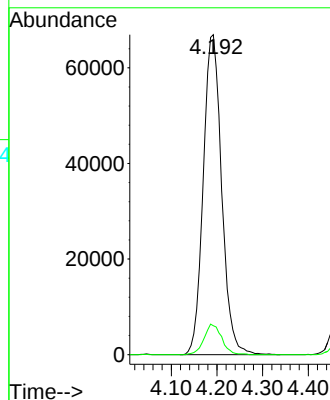
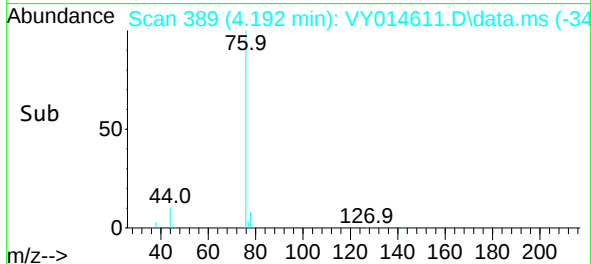
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 76 Resp: 18728
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

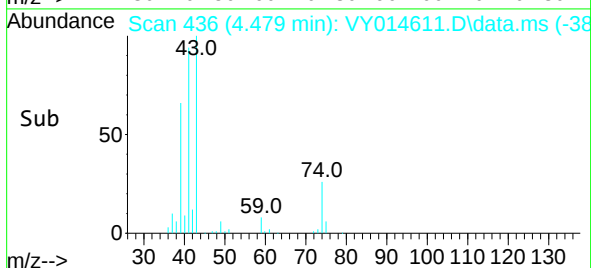
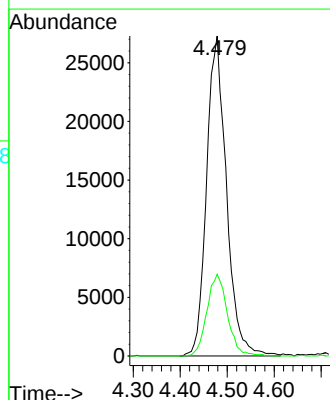
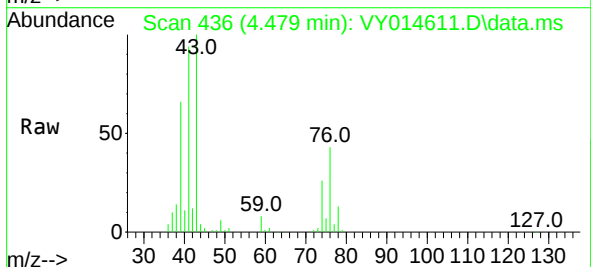
Manual Integrations
APPROVED

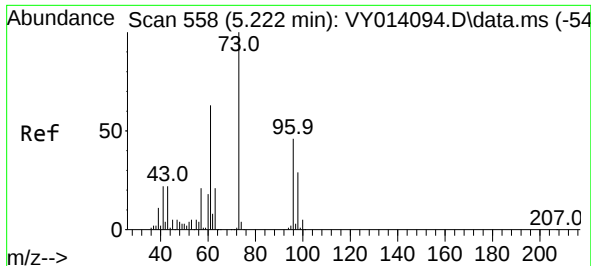
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 17.252 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

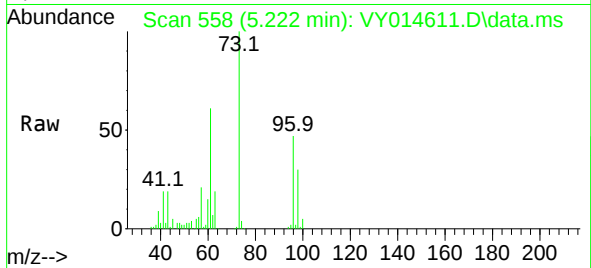
Tgt Ion: 43 Resp: 80047
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 18.528 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

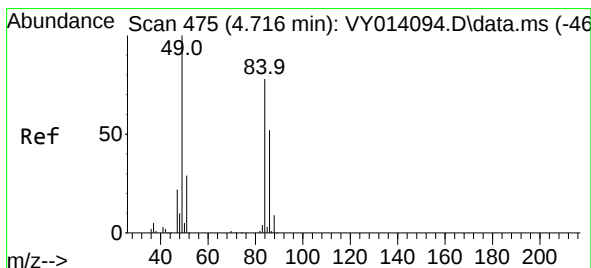
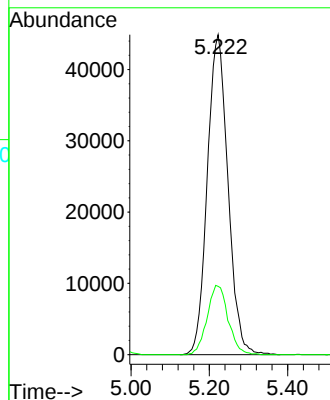
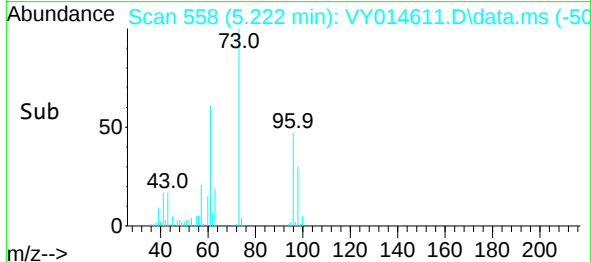
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



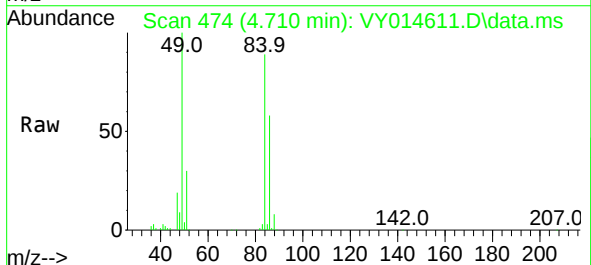
Tgt Ion: 73 Resp: 163872
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

Manual Integrations
APPROVED

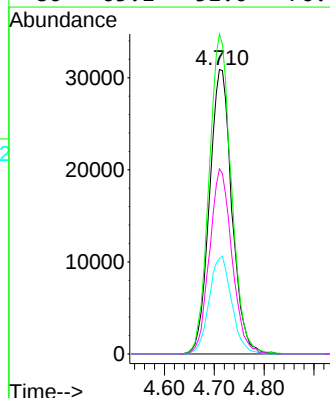
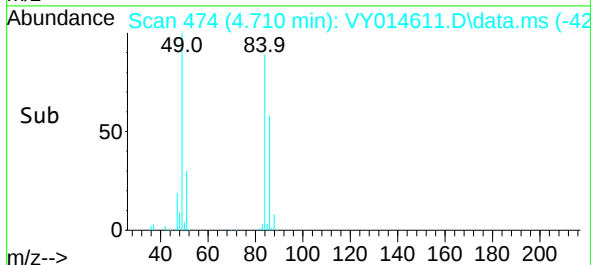
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

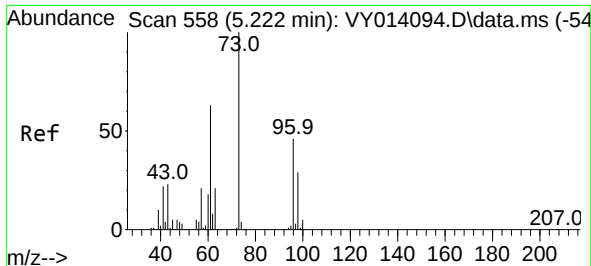


#20
Methylene Chloride
Concen: 23.408 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



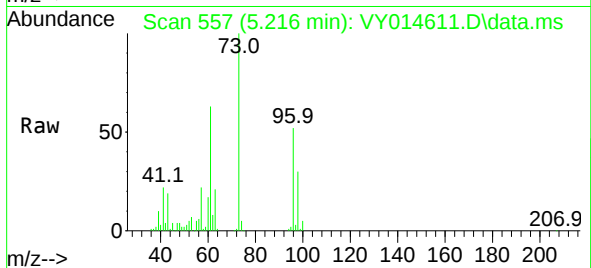
Tgt Ion: 84 Resp: 96280
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 33.5 33.2 49.8
86 65.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.435 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

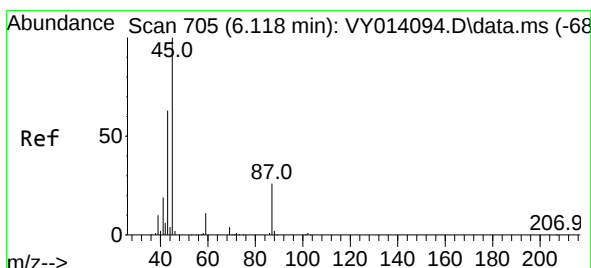
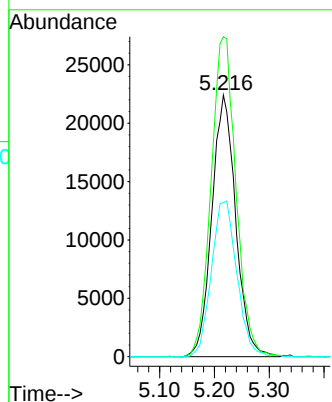
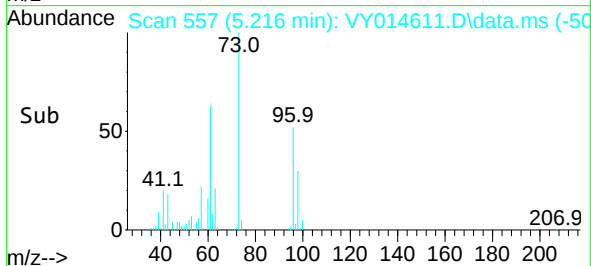
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 96 Resp: 67699
Ion Ratio Lower Upper
96 100
61 122.3 110.2 165.4
98 58.8 51.8 77.6

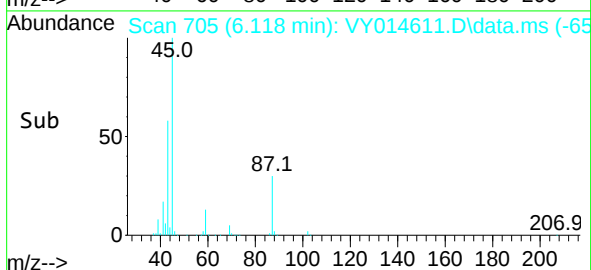
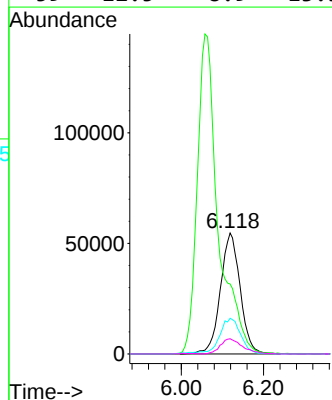
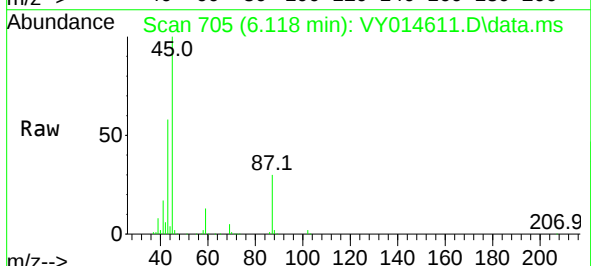
Manual Integrations
APPROVED

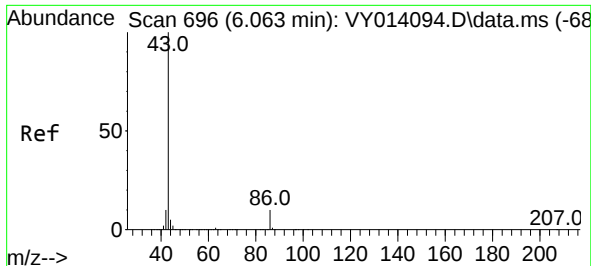
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 19.124 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

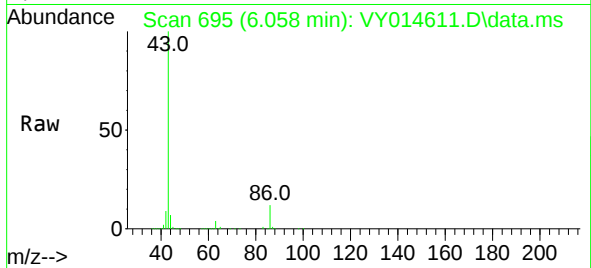
Tgt Ion: 45 Resp: 182773
Ion Ratio Lower Upper
45 100
43 57.4 52.2 78.4
87 29.6 21.0 31.6
59 12.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 92.441 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.005 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

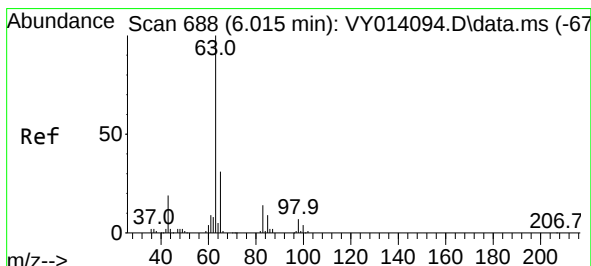
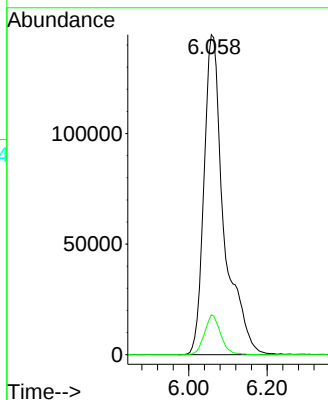
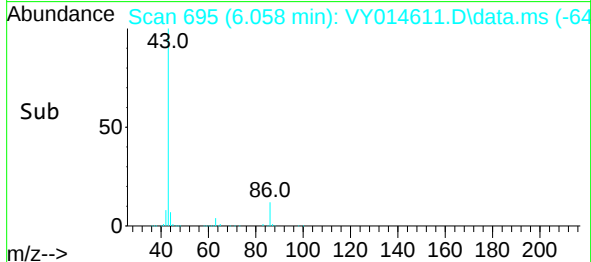
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01



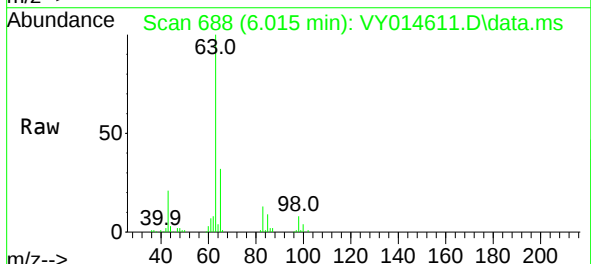
Tgt Ion: 43 Resp: 511160
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3

Manual Integrations
 APPROVED

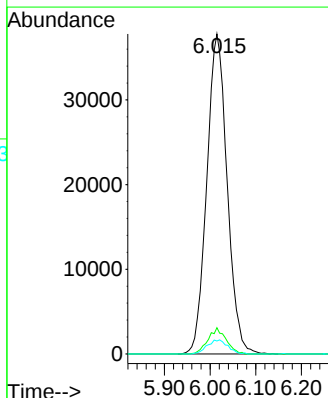
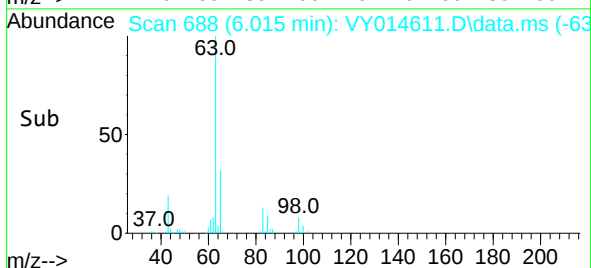
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

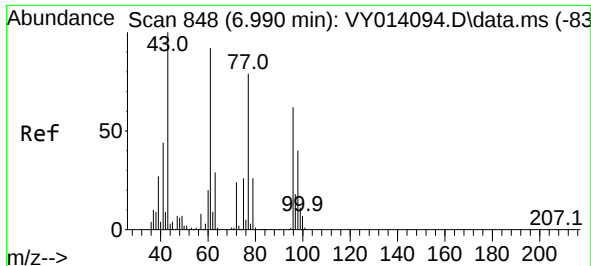


#24
 1,1-Dichloroethane
 Concen: 19.503 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32



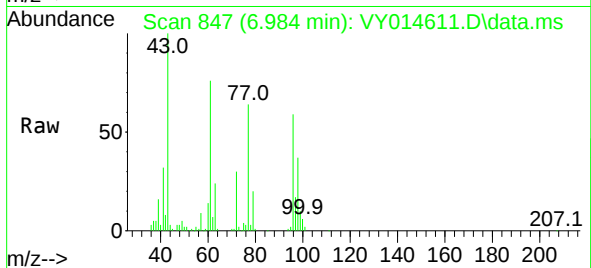
Tgt Ion: 63 Resp: 117018
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 84.976 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

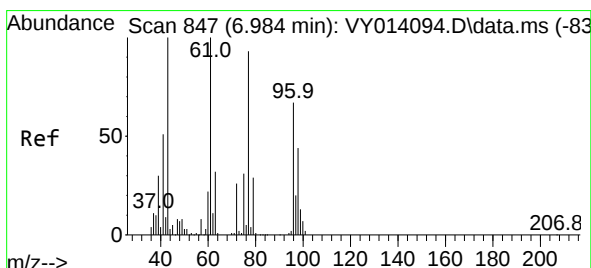
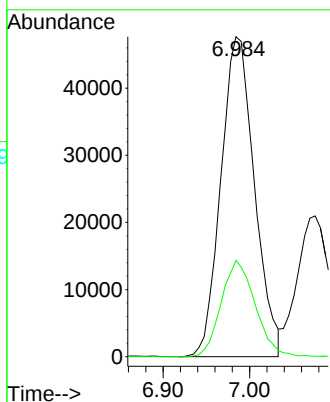
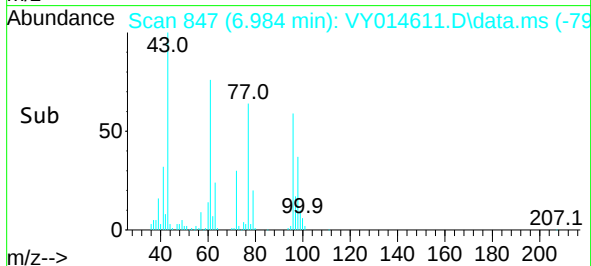
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 43 Resp: 128240
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7

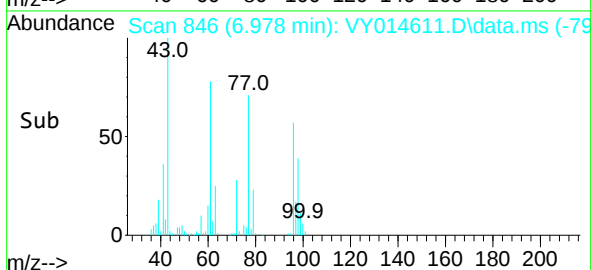
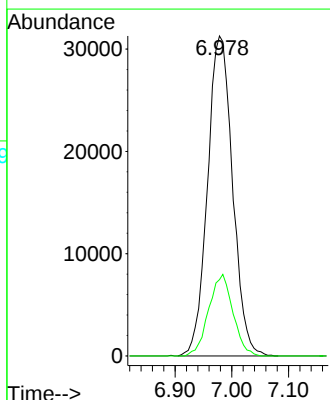
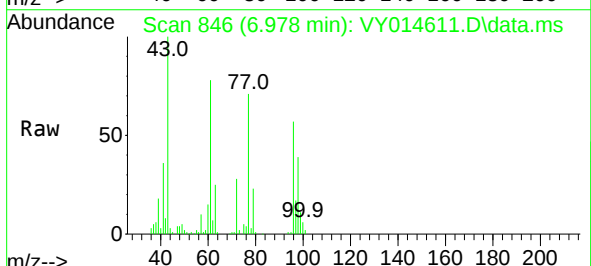
Manual Integrations
APPROVED

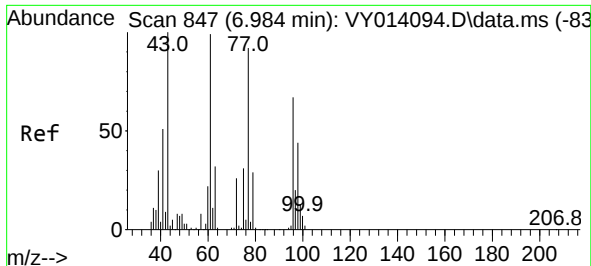
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
2,2-Dichloropropane
Concen: 18.783 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

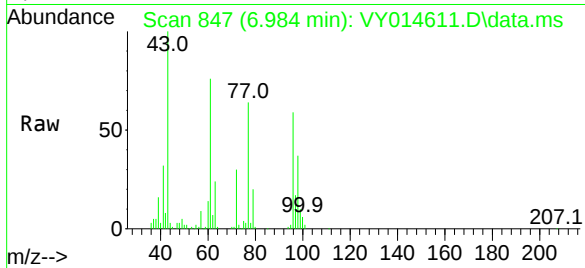
Tgt Ion: 77 Resp: 96059
Ion Ratio Lower Upper
77 100
97 24.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.870 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

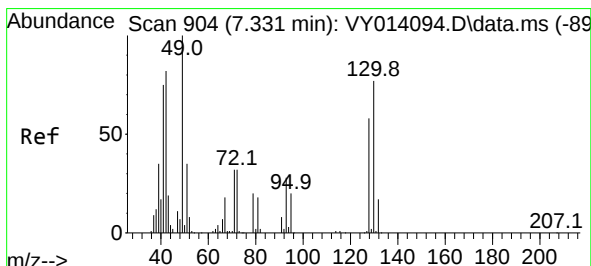
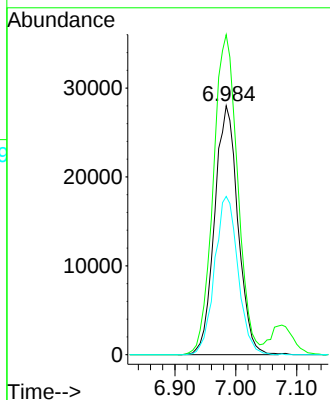
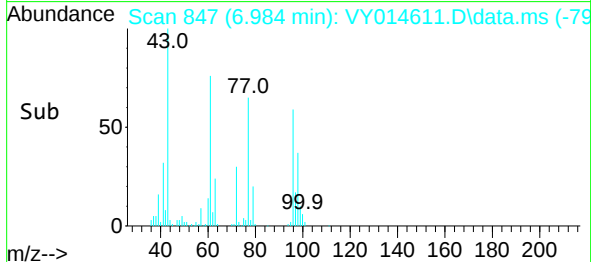
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01



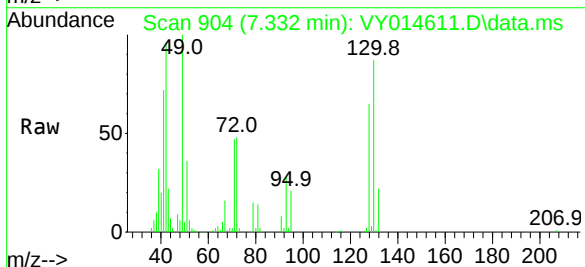
Tgt Ion: 96 Resp: 7456
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 301.4
 98 63.5 0.0 130.4

Manual Integrations
 APPROVED

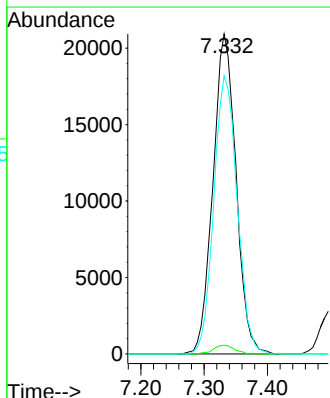
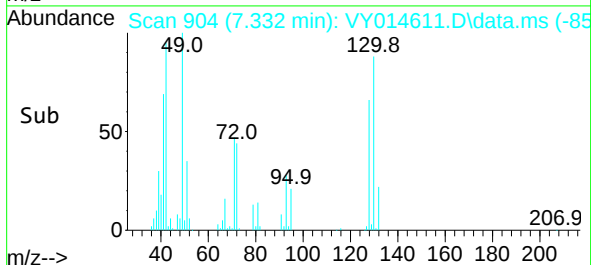
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

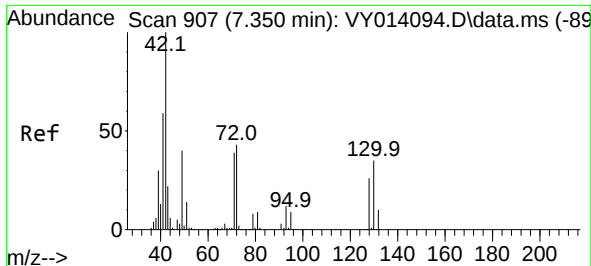


#28
 Bromochloromethane
 Concen: 21.008 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32



Tgt Ion: 49 Resp: 52927
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 88.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 91.114 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 42 Resp: 88690

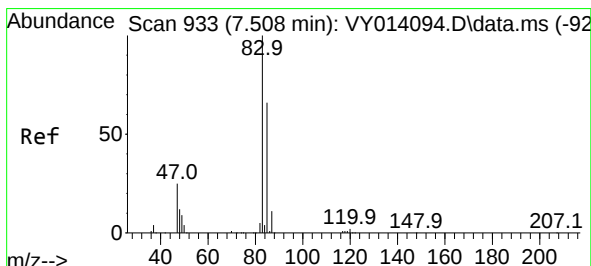
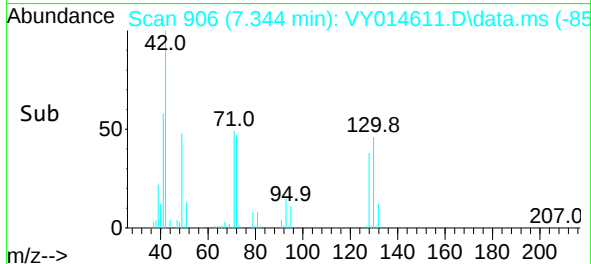
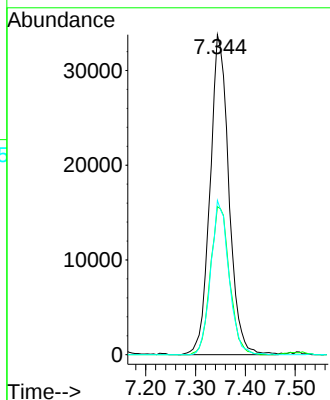
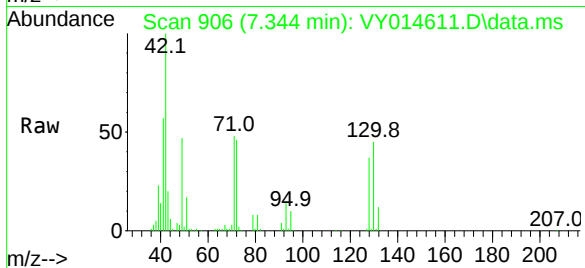
Ion	Ratio	Lower	Upper
42	100		
72	47.0	32.8	49.2
71	46.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 19.787 ug/l

RT: 7.508 min Scan# 933

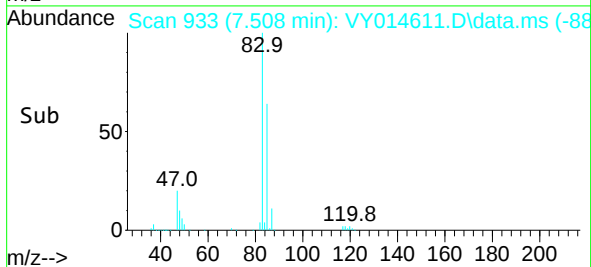
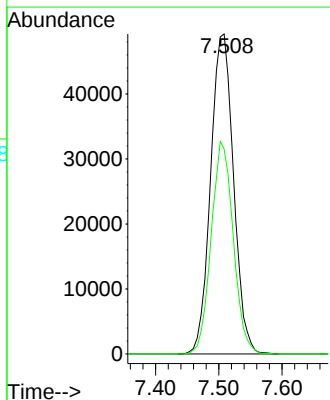
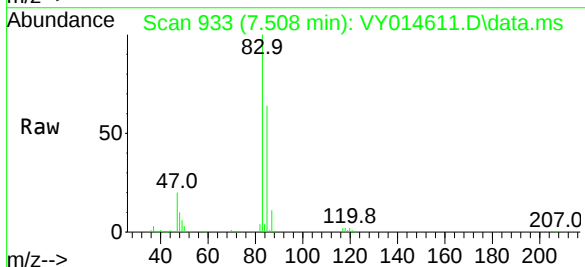
Delta R.T. 0.000 min

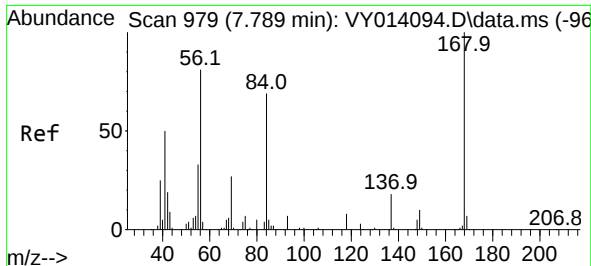
Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion: 83 Resp: 123844

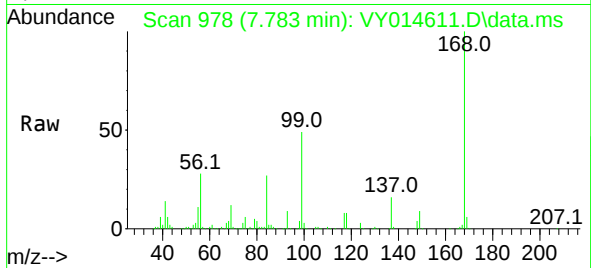
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.7	74.5





#31
Cyclohexane
Concen: 19.227 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

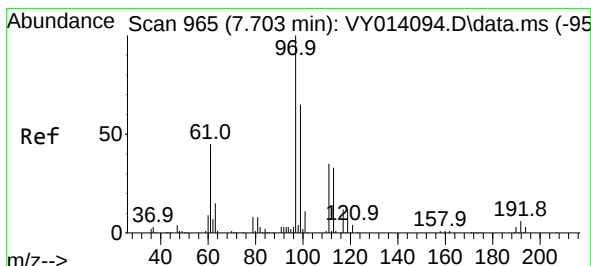
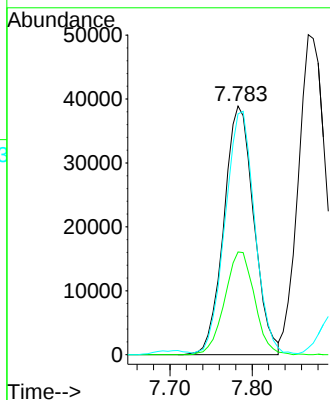
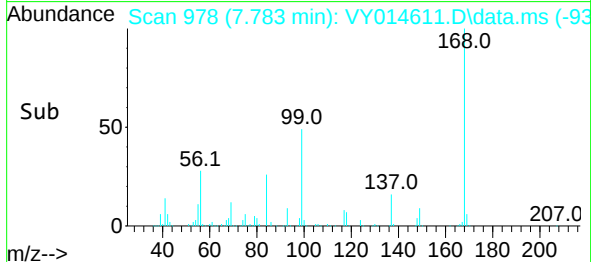
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



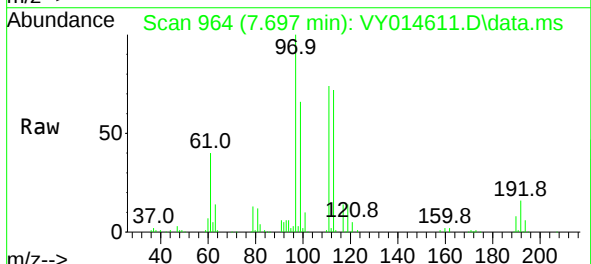
Tgt Ion: 56 Resp: 98454
Ion Ratio Lower Upper
56 100
69 41.3 27.8 41.6
84 95.1 66.4 99.6

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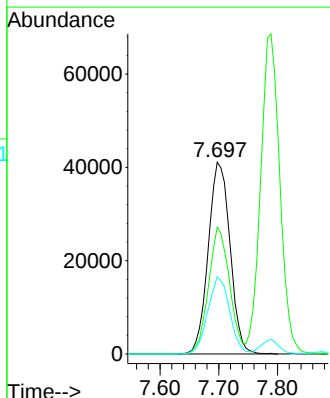
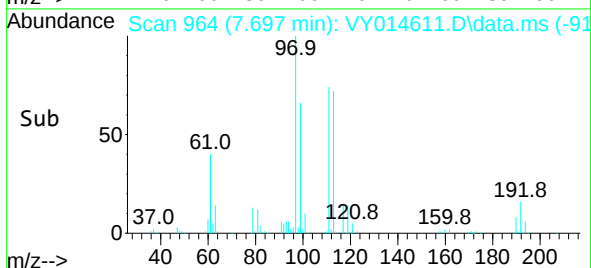
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

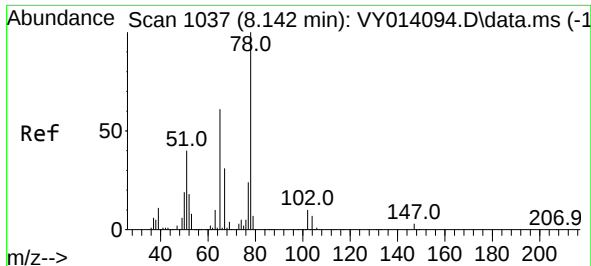


#32
1,1,1-Trichloroethane
Concen: 19.818 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



Tgt Ion: 97 Resp: 106024
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 40.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.198 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 65 Resp: 15078

Ion Ratio Lower Upper

65 100

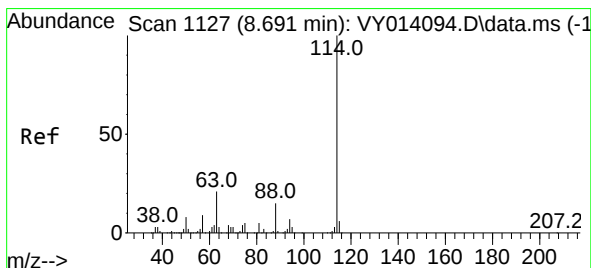
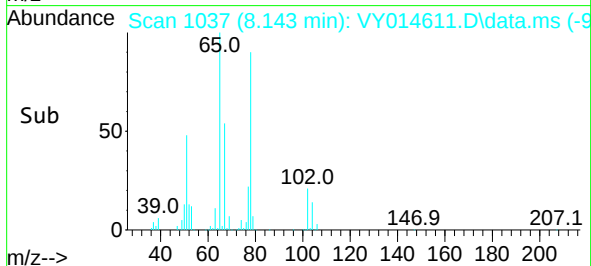
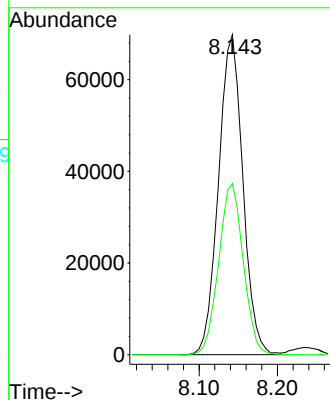
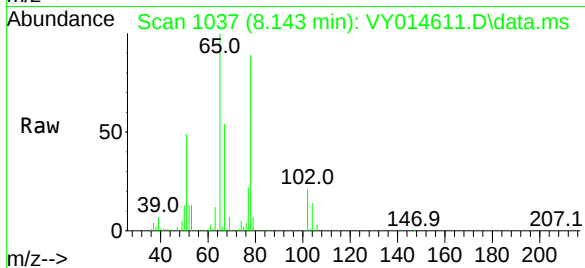
67 54.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

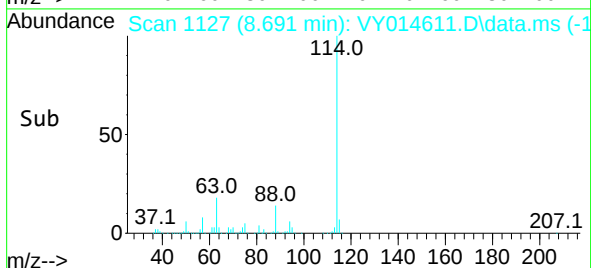
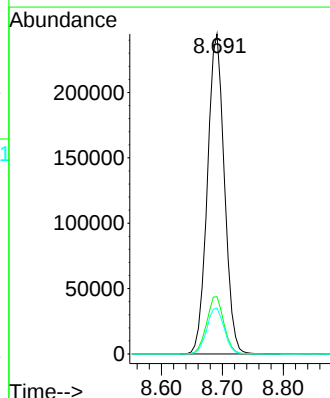
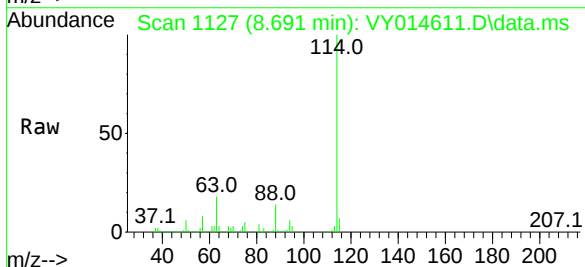
Tgt Ion:114 Resp: 473247

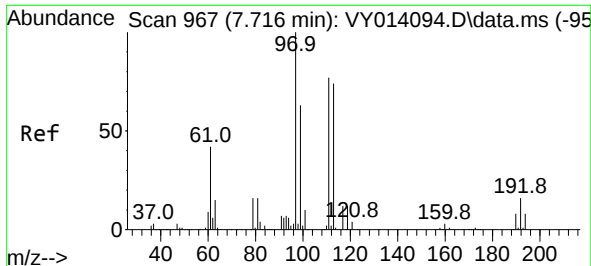
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

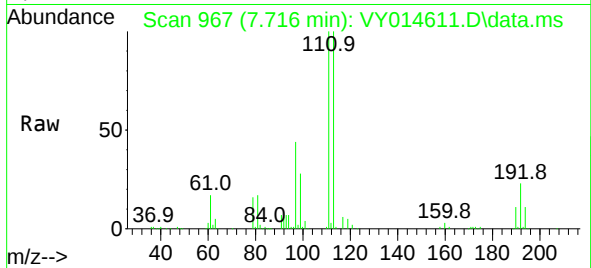
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.437 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

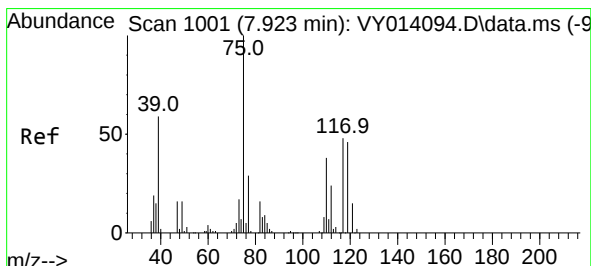
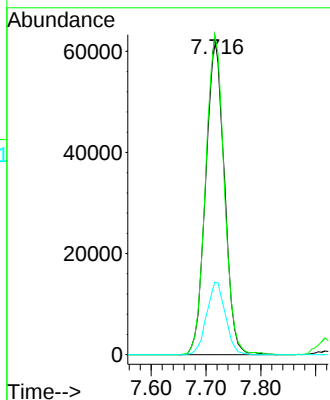
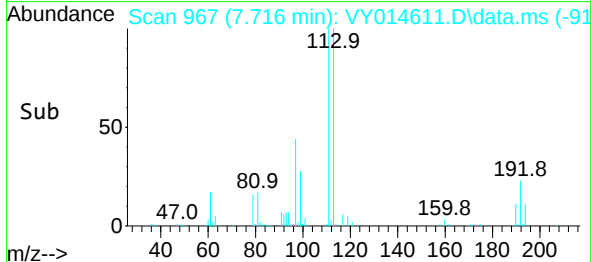
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



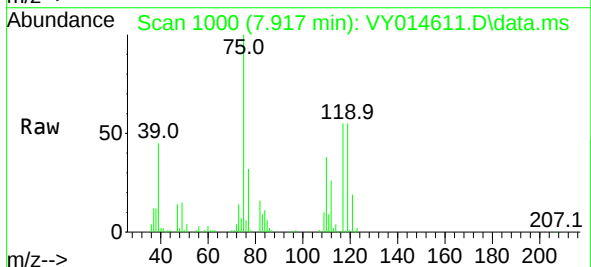
Tgt Ion: 113 Resp: 146988
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 23.1 16.9 25.3

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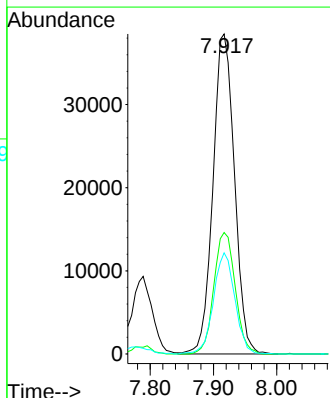
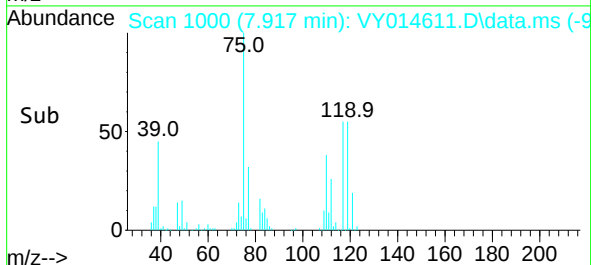
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

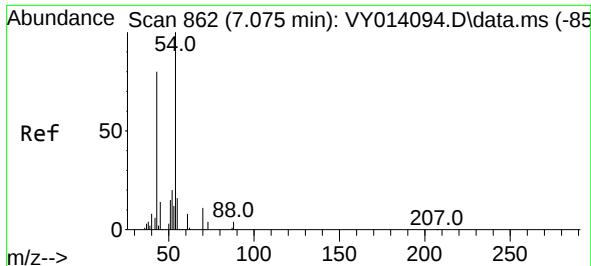


#36
1,1-Dichloropropene
Concen: 20.339 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



Tgt Ion: 75 Resp: 90773
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 18.836 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.001 min

Lab File: VY014611.D

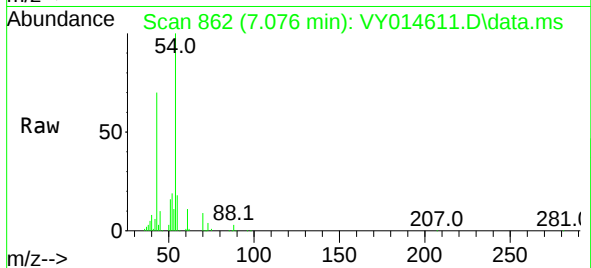
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01



Tgt Ion: 43 Resp: 5765

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

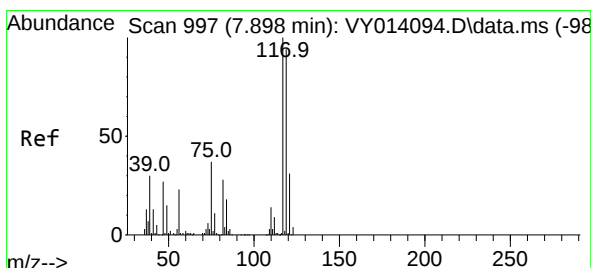
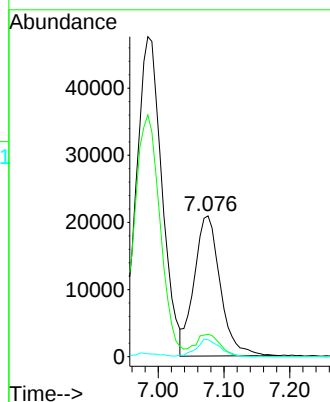
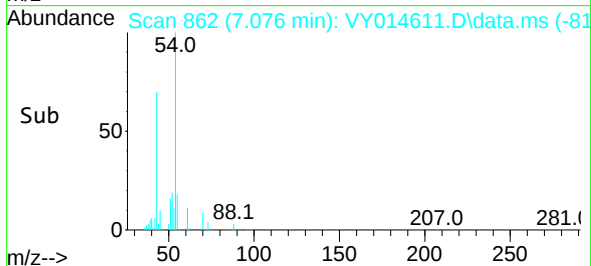
70 11.3 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#38

Carbon Tetrachloride

Concen: 20.928 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

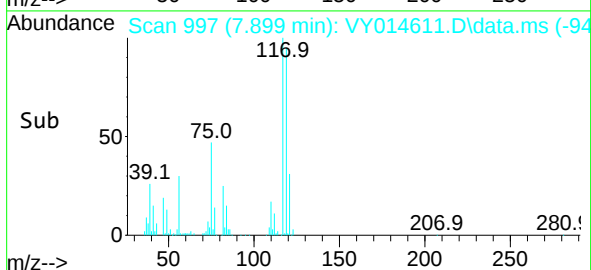
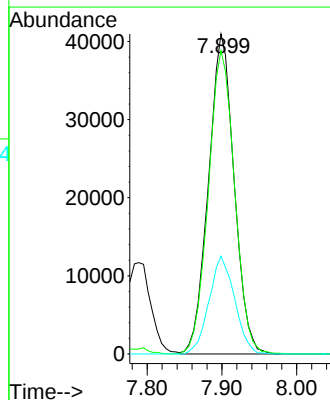
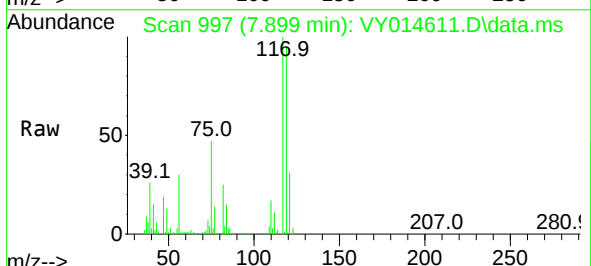
Tgt Ion:117 Resp: 97501

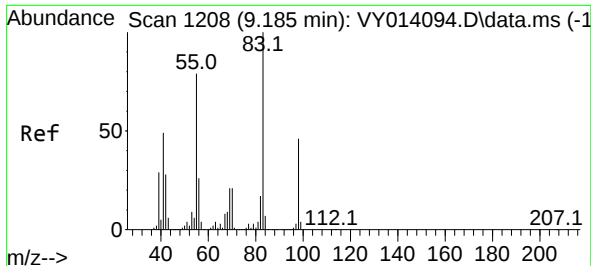
Ion Ratio Lower Upper

117 100

119 94.6 76.4 114.6

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 20.629 ug/l

RT: 9.185 min Scan# 11004

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 83 Resp: 11004

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

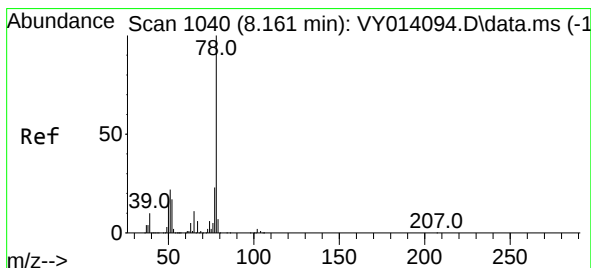
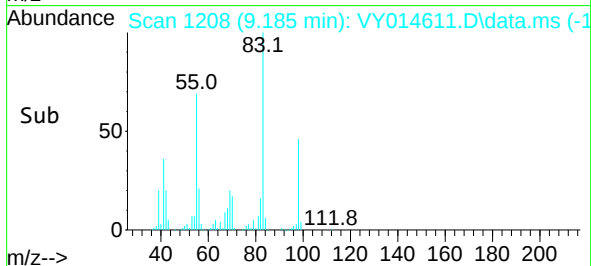
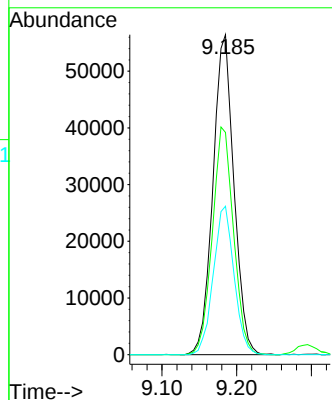
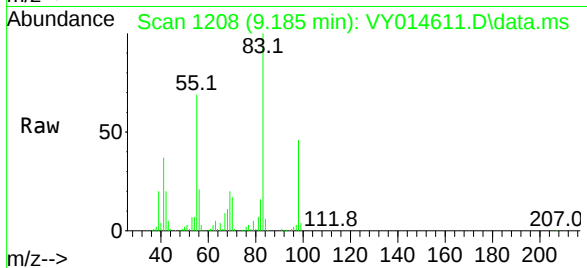
98 46.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 19.746 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014611.D

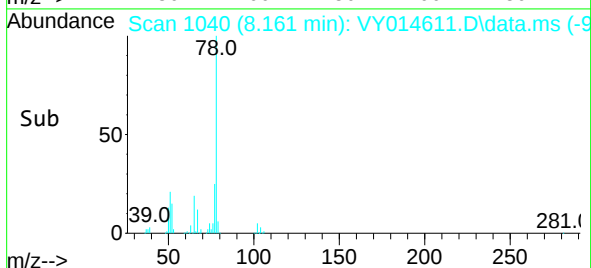
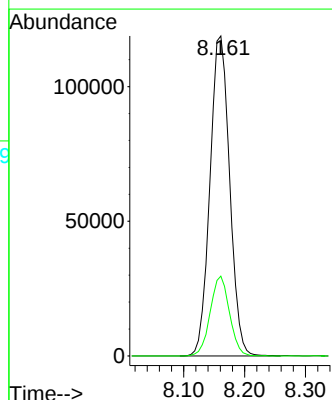
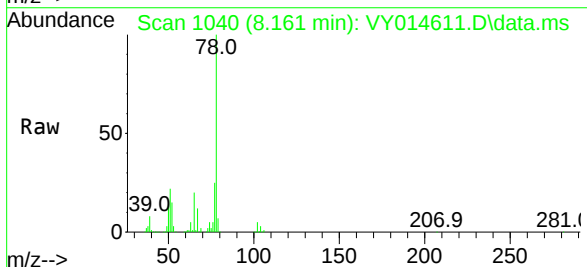
Acq: 10 Jul 2023 12:32

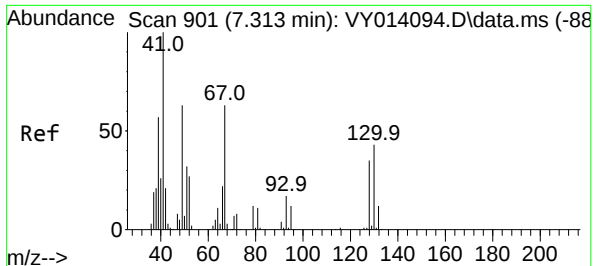
Tgt Ion: 78 Resp: 266761

Ion Ratio Lower Upper

78 100

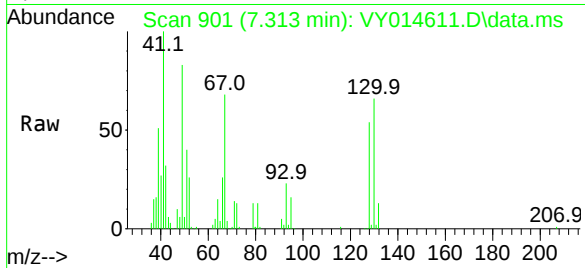
77 24.9 19.0 28.6





#41
Methacrylonitrile
Concen: 18.414 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

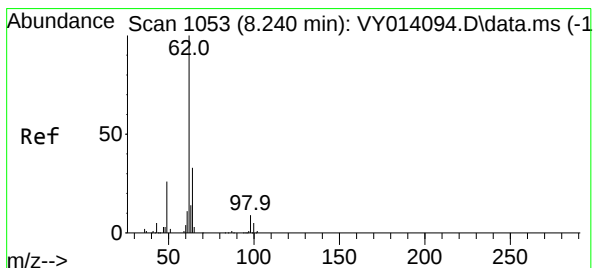
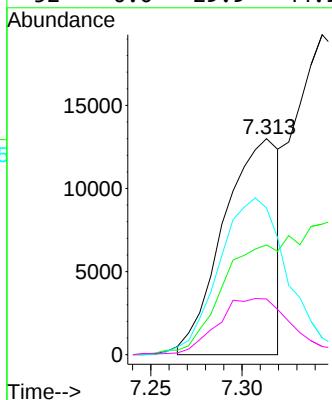
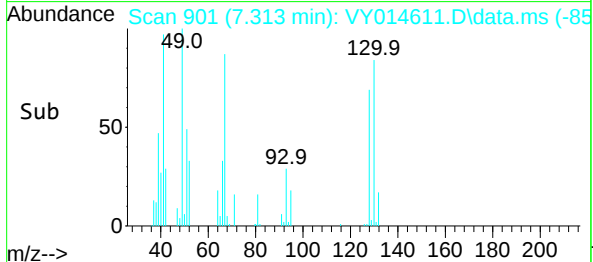
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 41 Resp: 2753
Ion Ratio Lower Upper
41 100
39 135.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

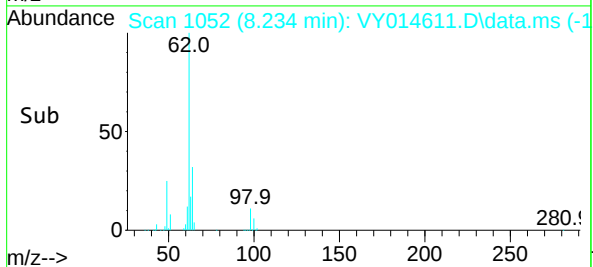
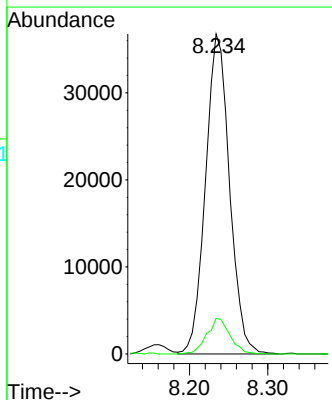
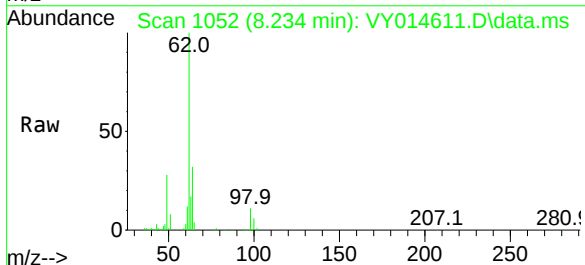
Manual Integrations
APPROVED

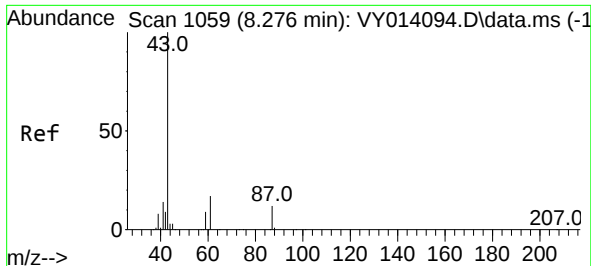
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 19.723 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

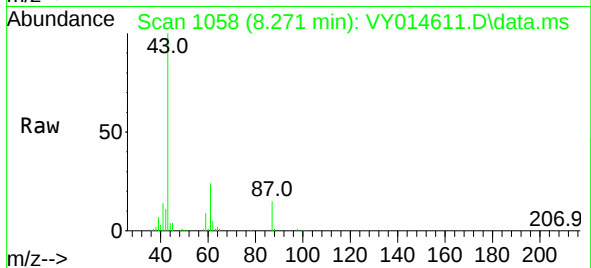
Tgt Ion: 62 Resp: 78315
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.833 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

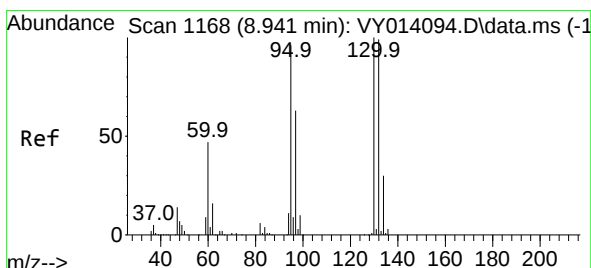
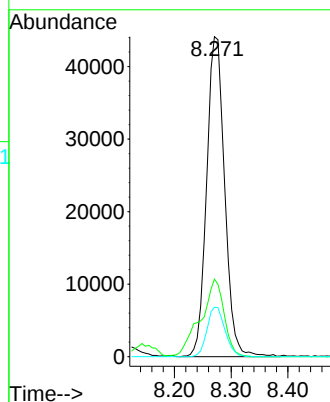
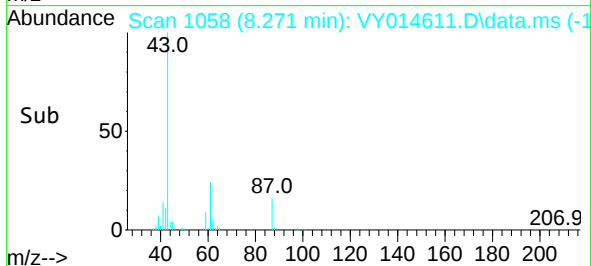
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 43 Resp: 97684
Ion Ratio Lower Upper
43 100
61 31.6 21.1 31.7
87 15.4 9.8 14.8

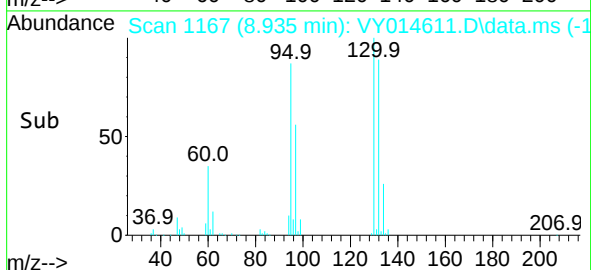
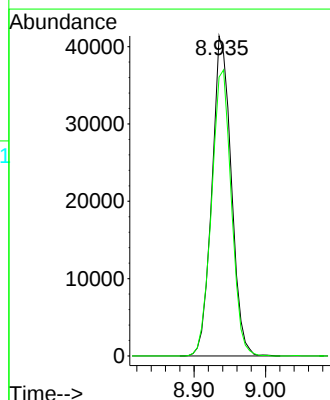
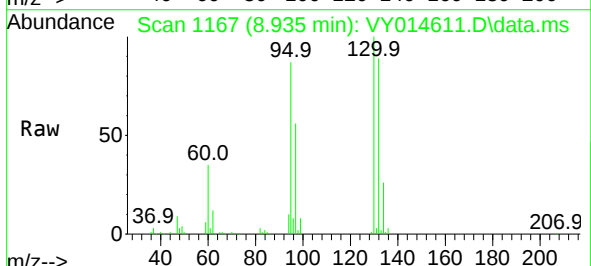
Manual Integrations
APPROVED

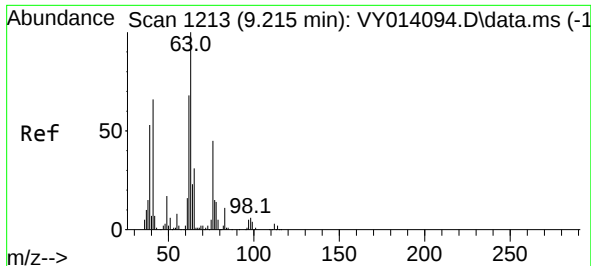
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 20.630 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:130 Resp: 77699
Ion Ratio Lower Upper
130 100
95 87.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.653 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBSD01

Tgt Ion: 63 Resp: 6811

Ion Ratio Lower Upper

63 100

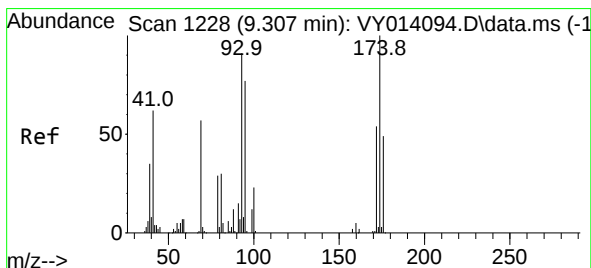
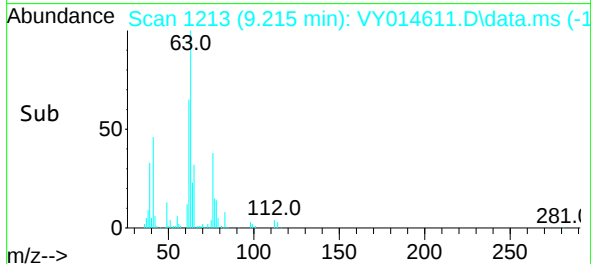
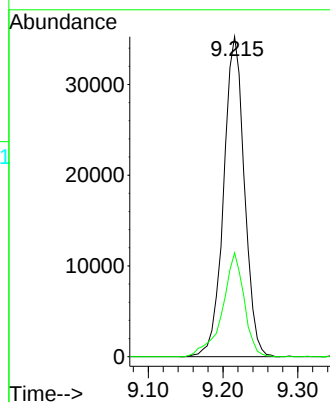
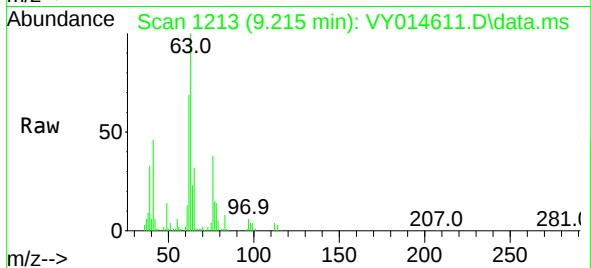
65 32.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 20.045 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

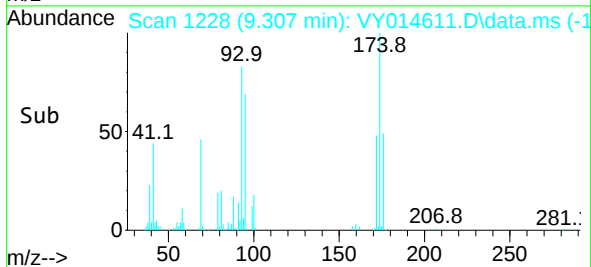
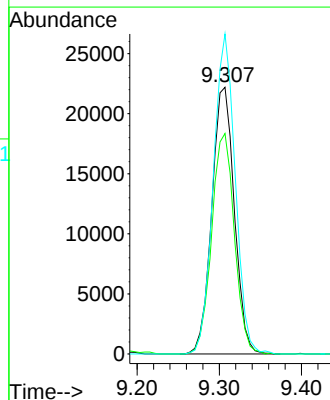
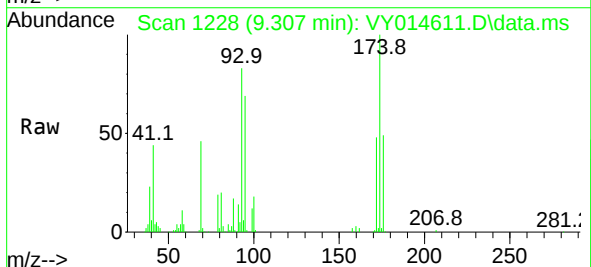
Tgt Ion: 93 Resp: 42293

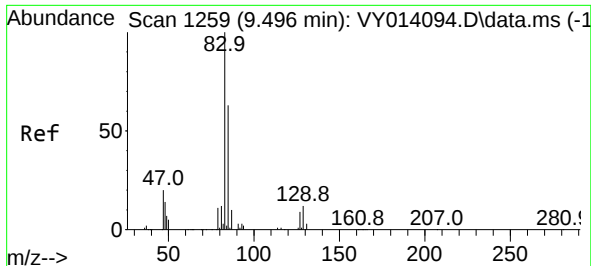
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 116.6 84.8 127.2





#47

Bromodichloromethane

Concen: 20.047 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014611.D

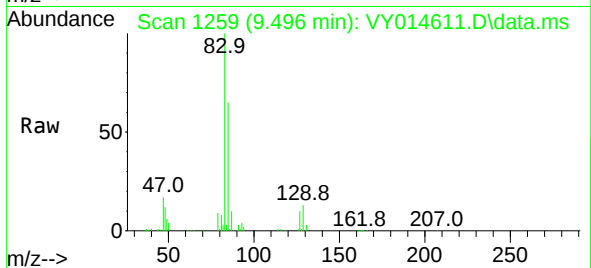
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBSD01



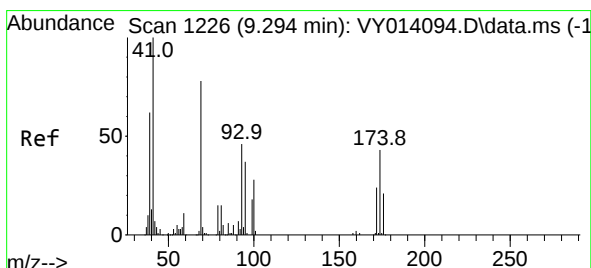
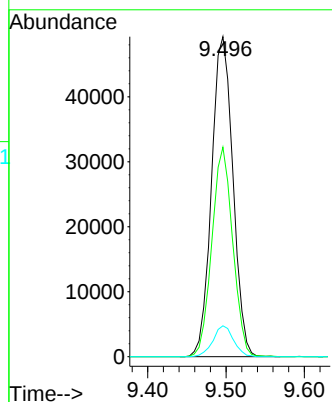
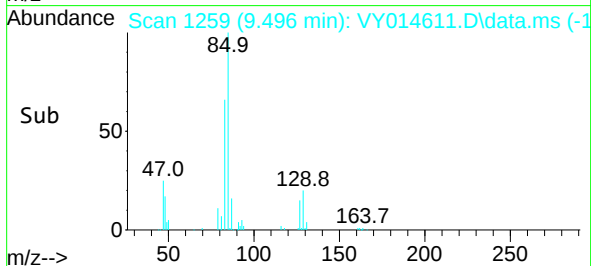
Tgt Ion:	83	Resp:	9319
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.1	75.1
127	9.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#48

Methyl methacrylate

Concen: 18.798 ug/l

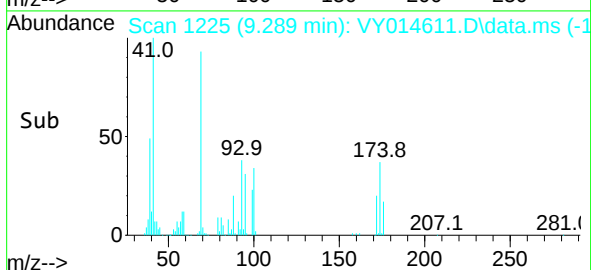
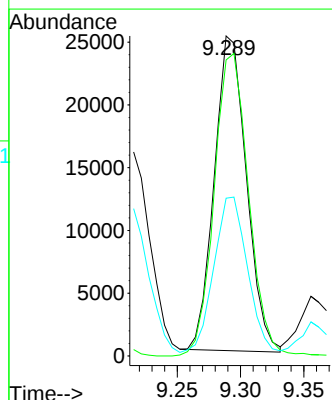
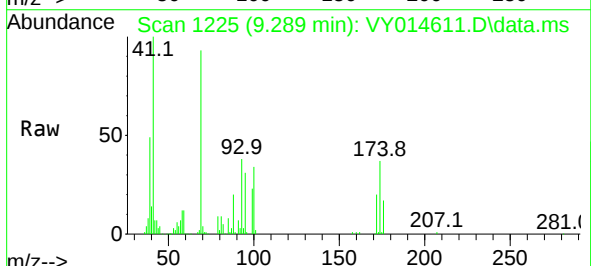
RT: 9.289 min Scan# 1225

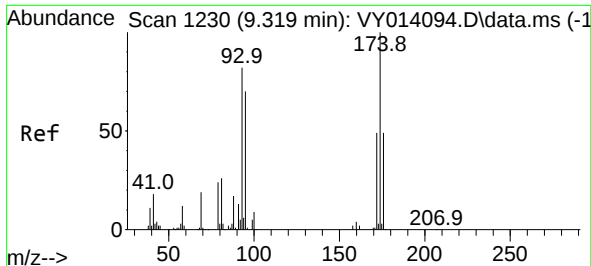
Delta R.T. -0.005 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion:	41	Resp:	44339
Ion	Ratio	Lower	Upper
41	100		
69	102.7	64.5	96.7
39	51.8	50.8	76.2





#49

1,4-Dioxane

Concen: 364.032 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.024 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBSD01

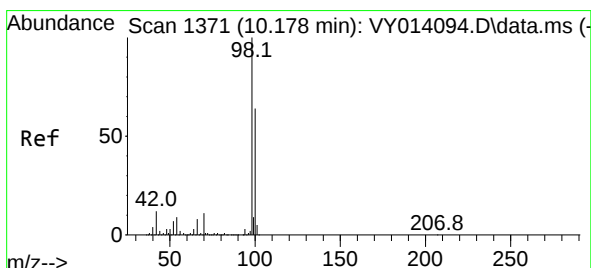
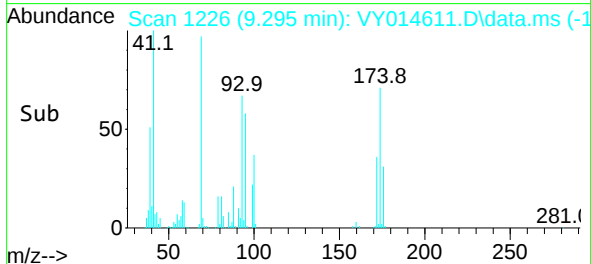
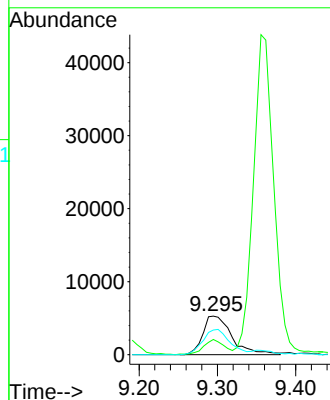
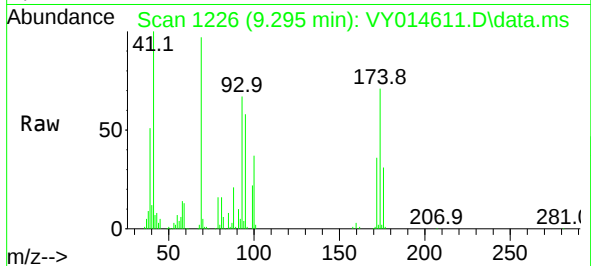
Tgt Ion: 88 Resp: 13715
 Ion Ratio Lower Upper
 88 100
 43 28.2 0.0 0.0
 58 59.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 49.317 ug/l

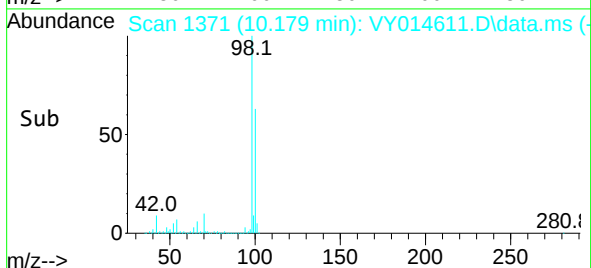
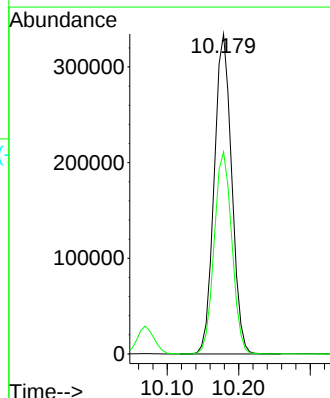
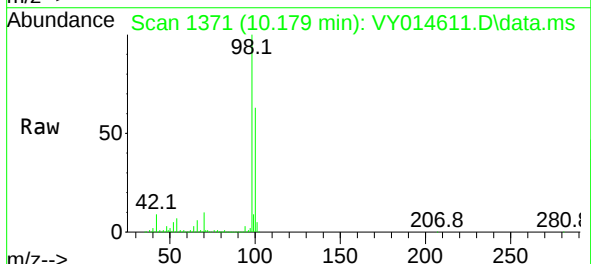
RT: 10.179 min Scan# 1371

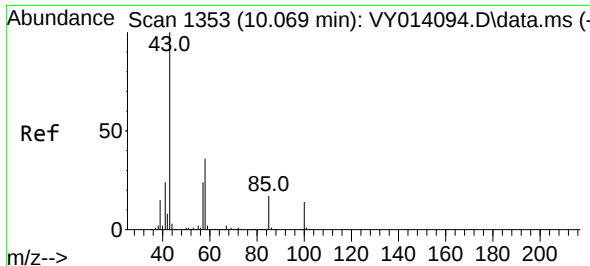
Delta R.T. 0.001 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

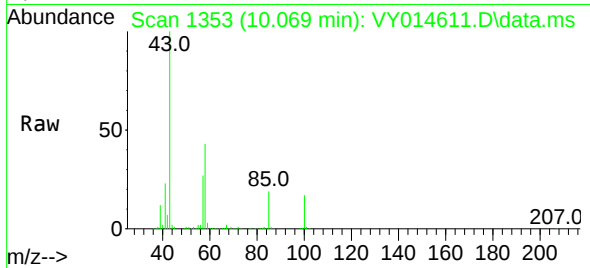
Tgt Ion: 98 Resp: 568155
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 94.179 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

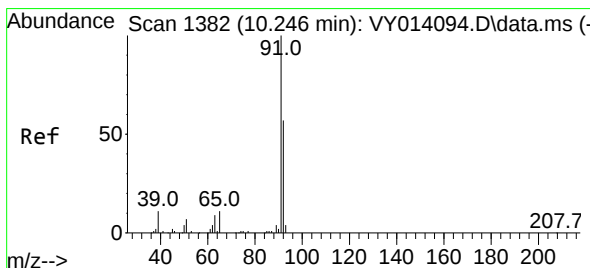
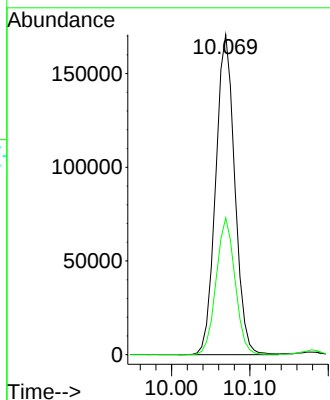
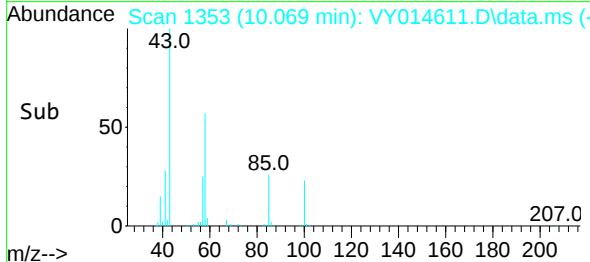
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



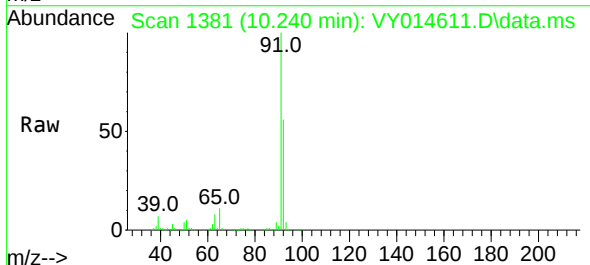
Tgt Ion: 43 Resp: 289198
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6

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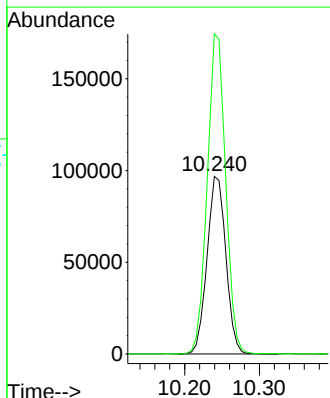
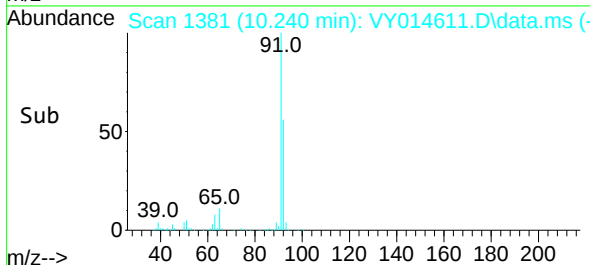
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

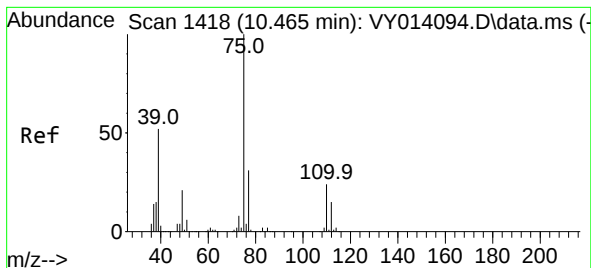


#52
Toluene
Concen: 19.907 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



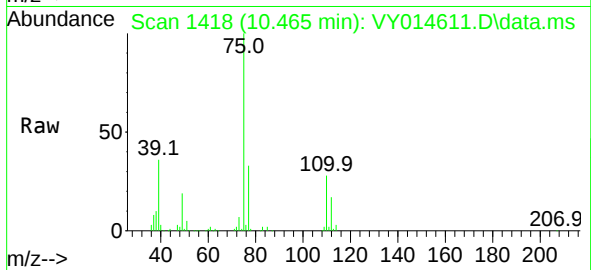
Tgt Ion: 92 Resp: 169240
Ion Ratio Lower Upper
92 100
91 176.4 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 19.580 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

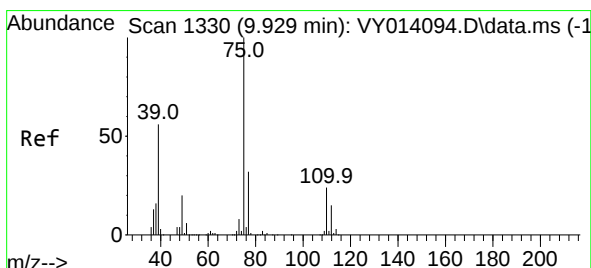
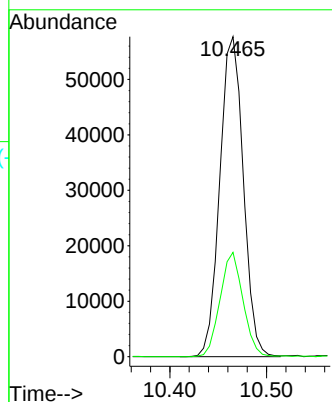
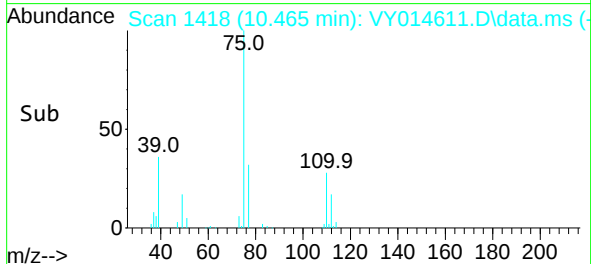
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBSD01



Tgt Ion: 75 Resp: 97338
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4

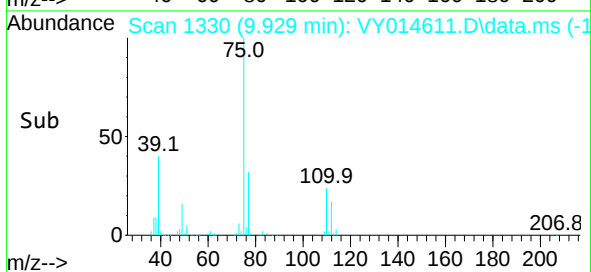
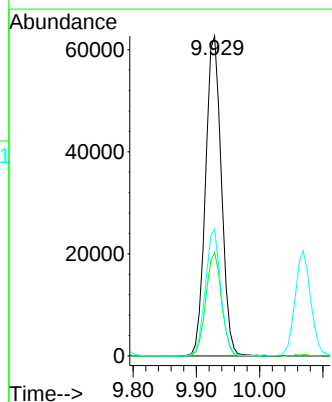
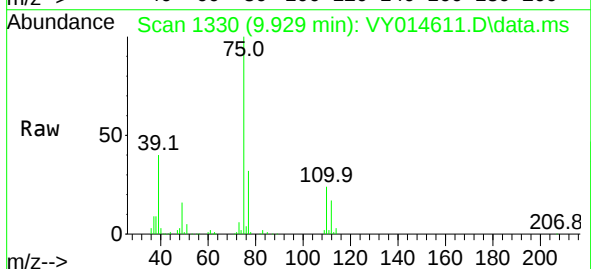
Manual Integrations
 APPROVED

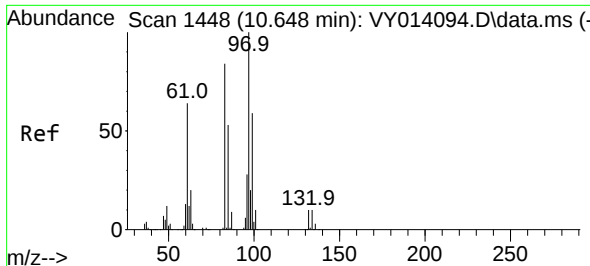
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.675 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

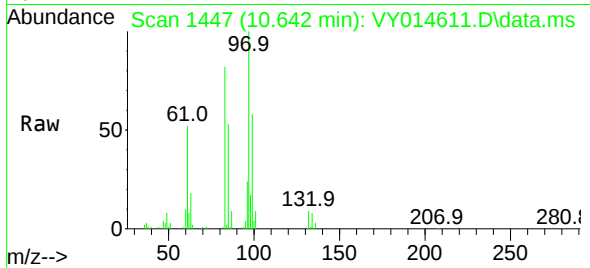
Tgt Ion: 75 Resp: 109126
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 39.7 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 19.975 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

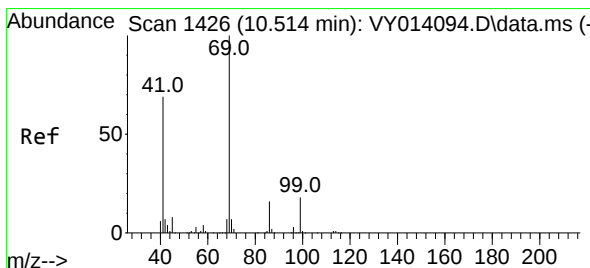
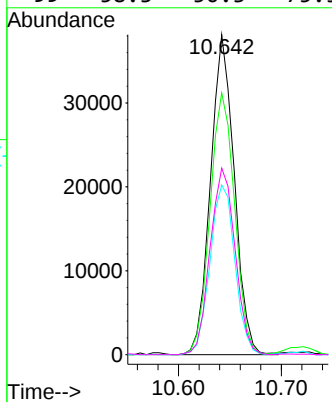
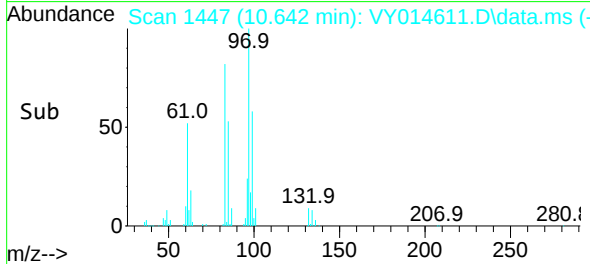
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 97 Resp: 61325
Ion Ratio Lower Upper
97 100
83 81.8 72.0 108.0
85 53.0 45.4 68.0
99 58.3 50.3 75.5

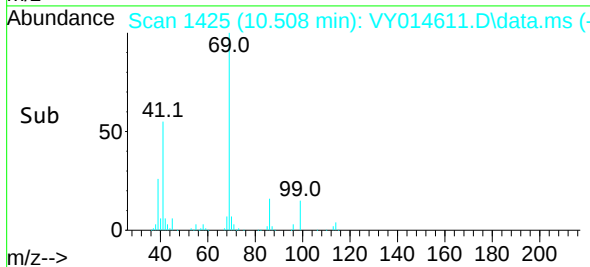
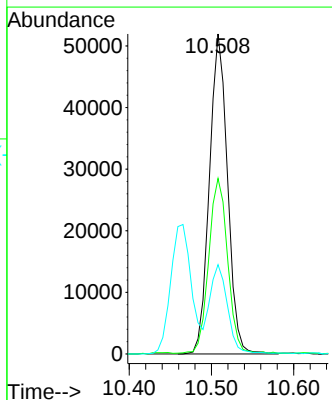
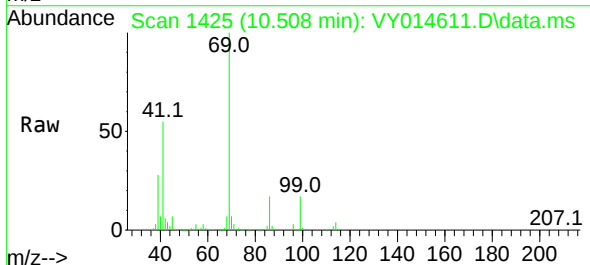
Manual Integrations
APPROVED

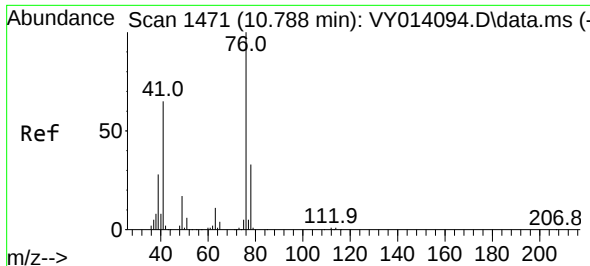
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#56
Ethyl methacrylate
Concen: 19.058 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

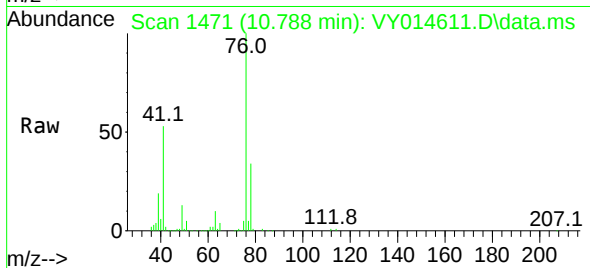
Tgt Ion: 69 Resp: 79590
Ion Ratio Lower Upper
69 100
41 57.0 57.6 86.4#
39 26.8 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 19.497 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

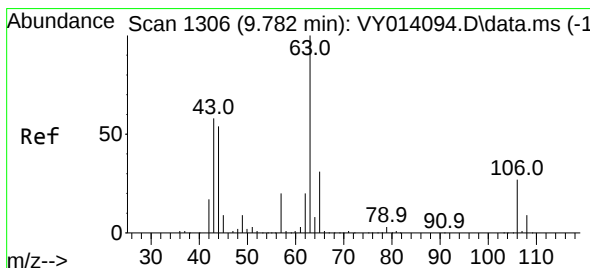
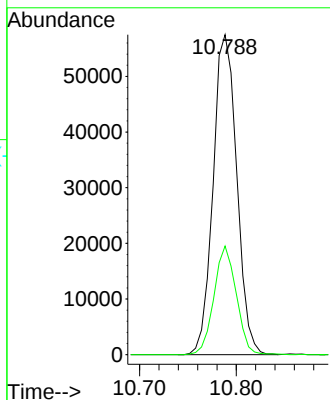
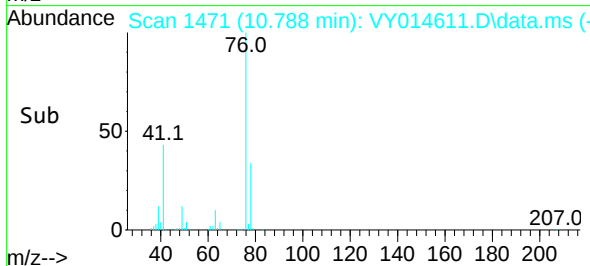
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 76 Resp: 97528
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

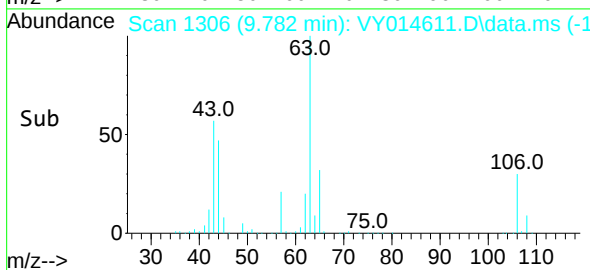
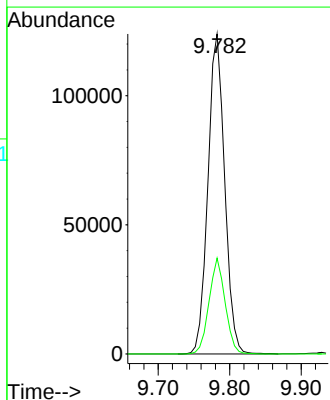
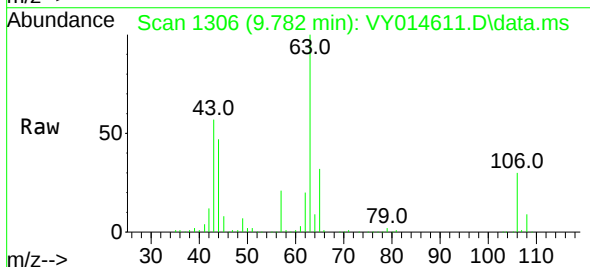
Manual Integrations
APPROVED

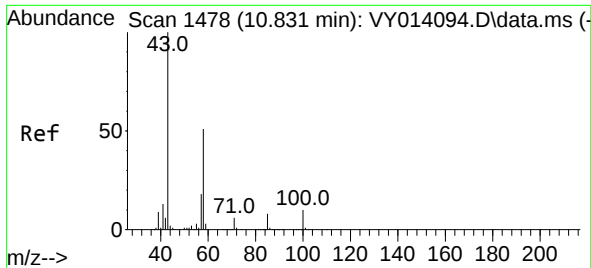
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.562 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

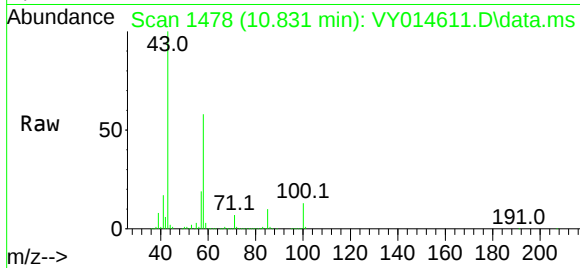
Tgt Ion: 63 Resp: 201428
Ion Ratio Lower Upper
63 100
106 28.8 21.2 31.8





#59
2-Hexanone
Concen: 93.302 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

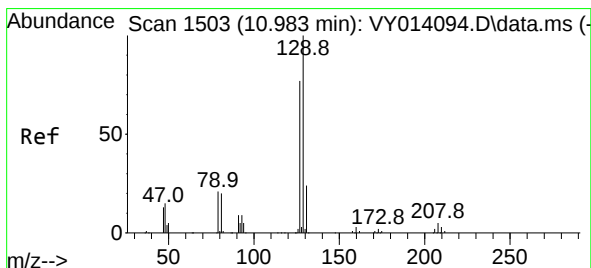
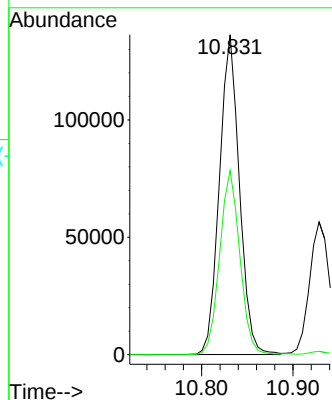
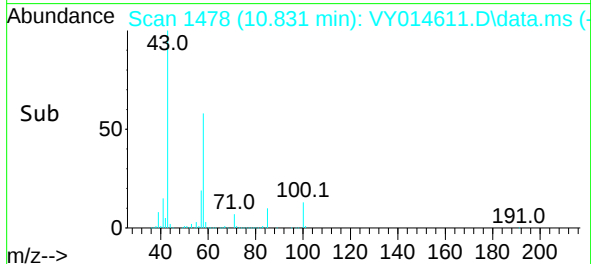
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 43 Resp: 206960
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

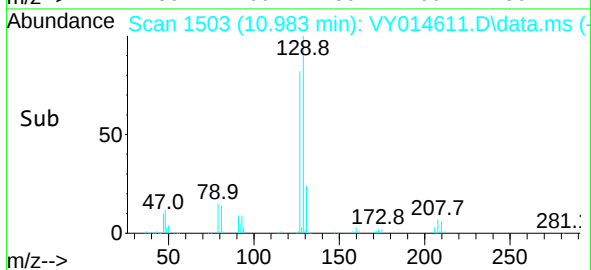
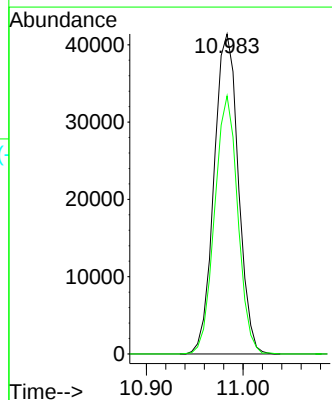
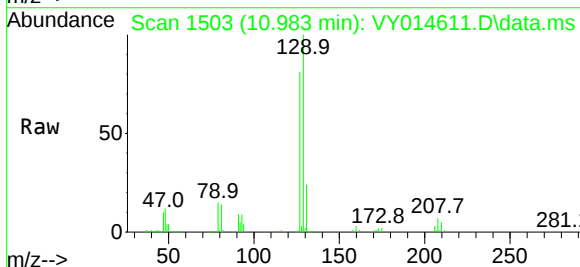
Manual Integrations
APPROVED

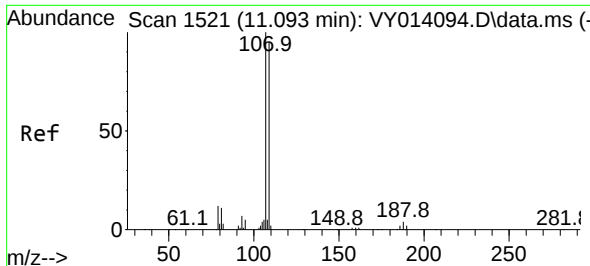
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 20.059 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

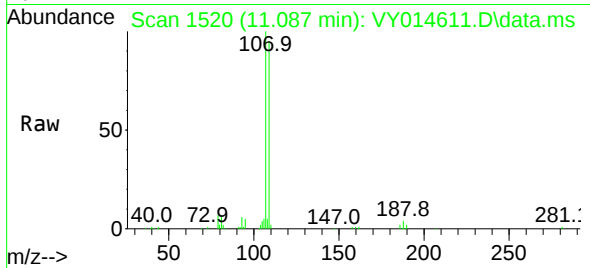
Tgt Ion:129 Resp: 72157
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.259 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

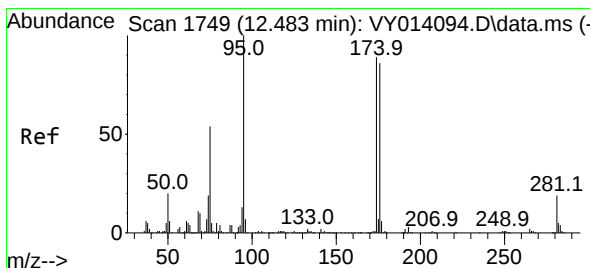
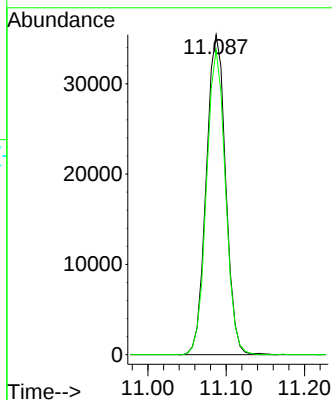
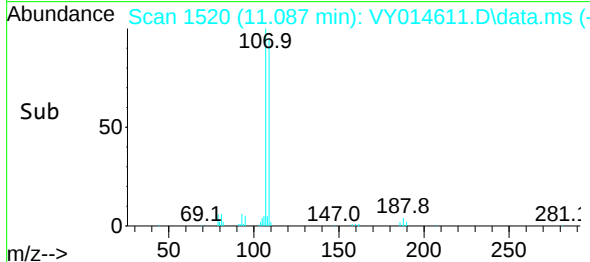
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



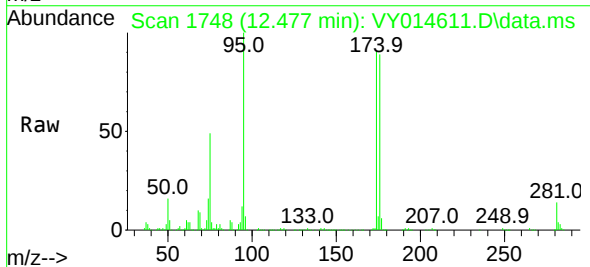
Tgt Ion:107 Resp: 60722
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

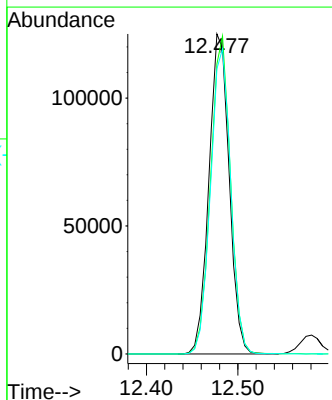
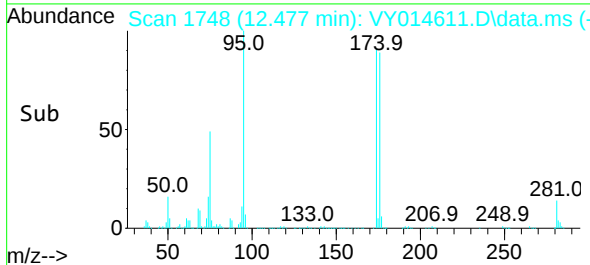
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

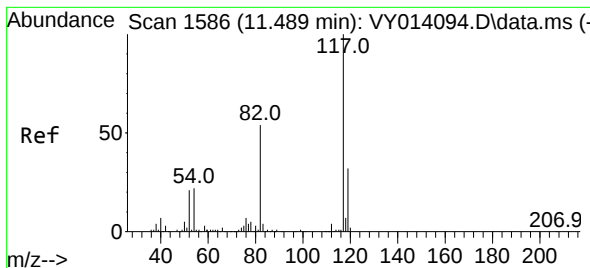


#62
4-Bromofluorobenzene
Concen: 48.048 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



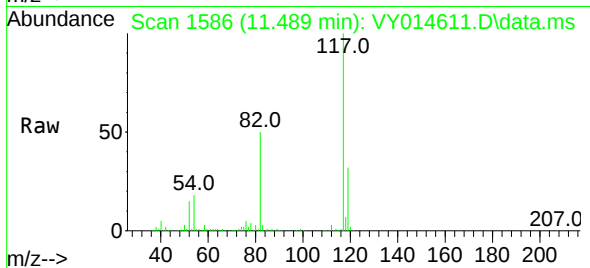
Tgt Ion: 95 Resp: 192213
Ion Ratio Lower Upper
95 100
174 97.5 0.0 178.2
176 95.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

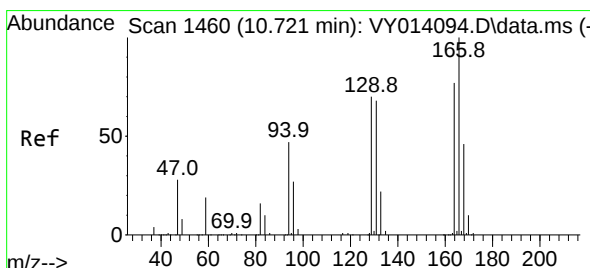
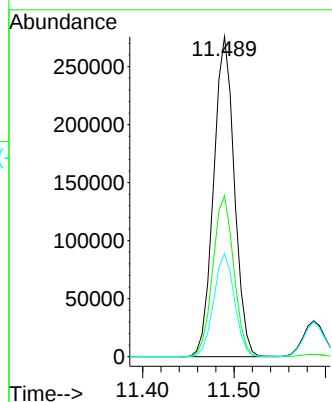
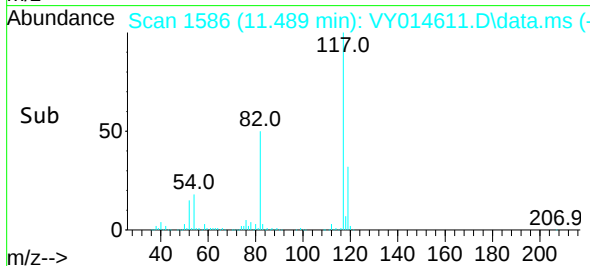
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



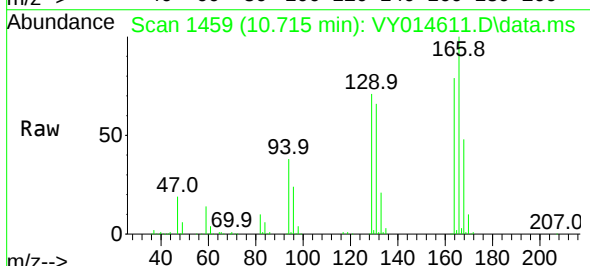
Tgt Ion:117 Resp: 434269
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 32.2 26.3 39.5

Manual Integrations
APPROVED

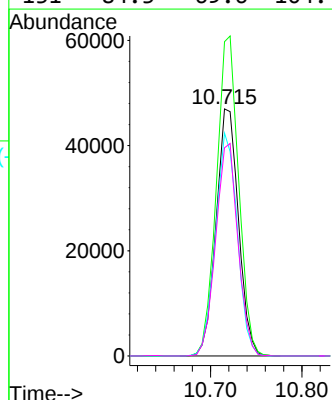
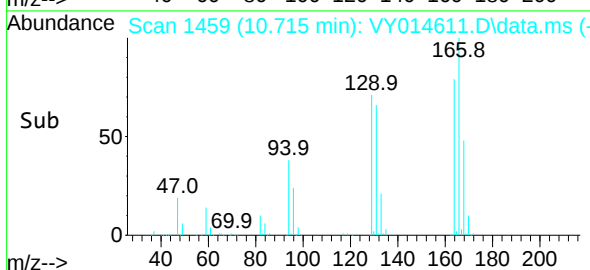
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

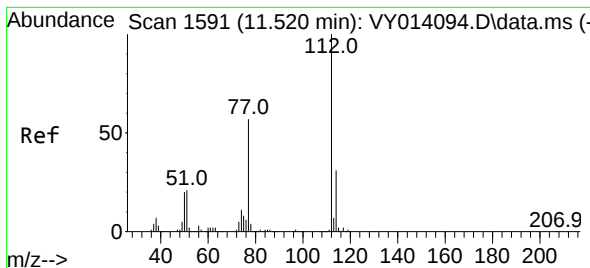


#64
Tetrachloroethene
Concen: 20.599 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



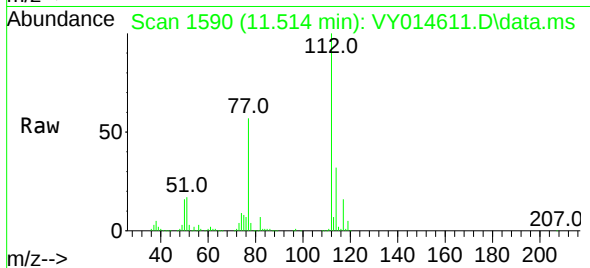
Tgt Ion:164 Resp: 79967
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 90.2 77.2 115.8
131 84.3 69.6 104.4





#65
Chlorobenzene
Concen: 19.866 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

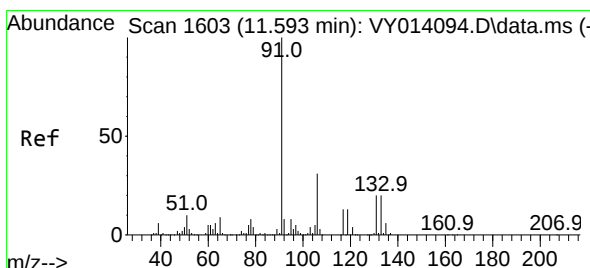
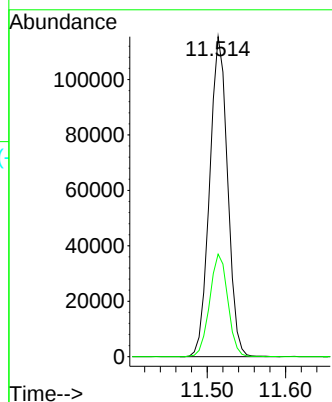
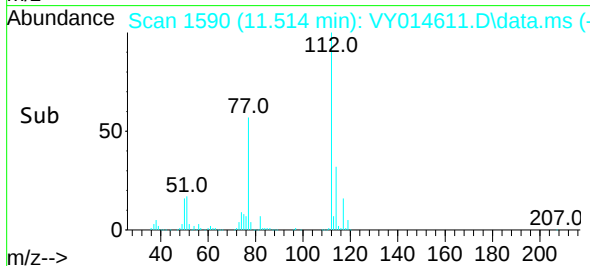
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion:112 Resp: 183854
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

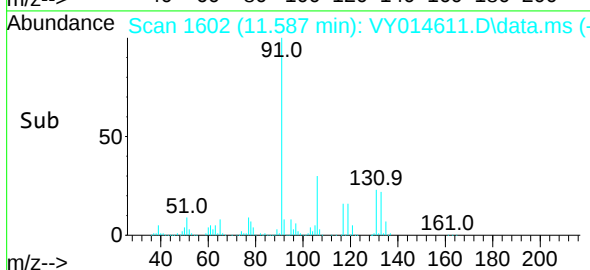
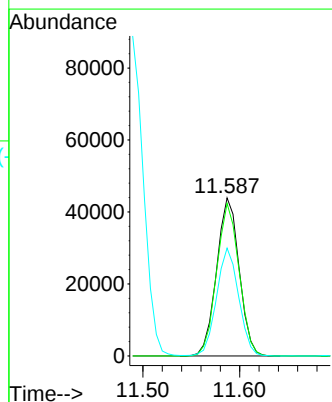
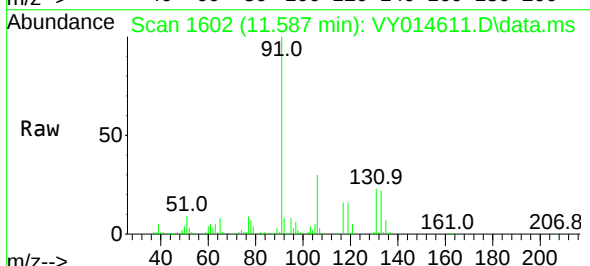
Manual Integrations
APPROVED

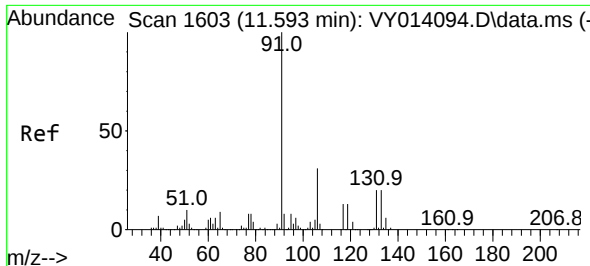
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:131 Resp: 71114
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.757 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014611.D

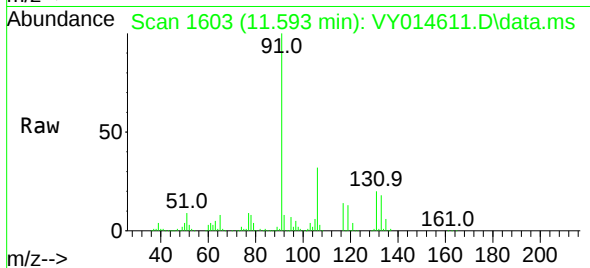
Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBSD01



Tgt Ion: 91 Resp: 311809

Ion Ratio Lower Upper

91 100

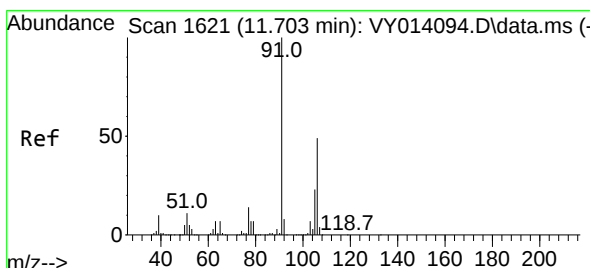
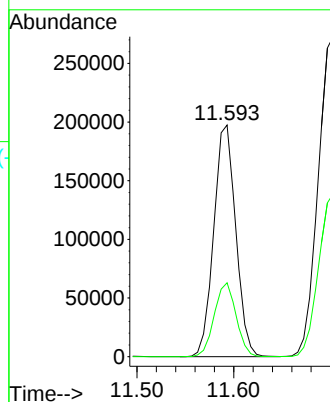
106 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#68

m/p-Xylenes

Concen: 40.312 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014611.D

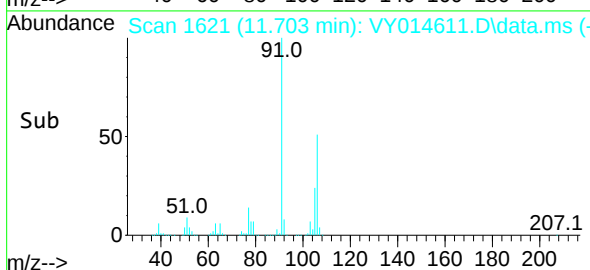
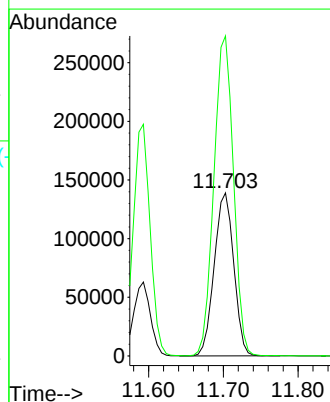
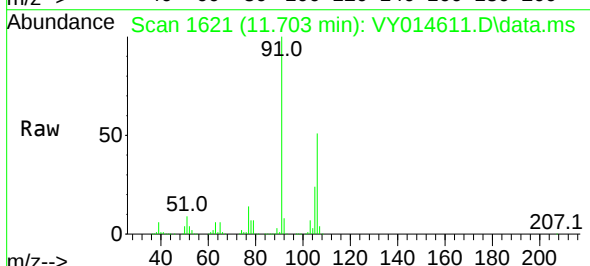
Acq: 10 Jul 2023 12:32

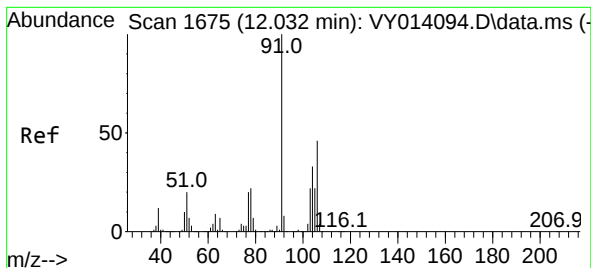
Tgt Ion:106 Resp: 252362

Ion Ratio Lower Upper

106 100

91 197.0 166.1 249.1





#69

o-Xylene

Concen: 19.472 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion:106 Resp: 115610

Ion Ratio Lower Upper

106 100

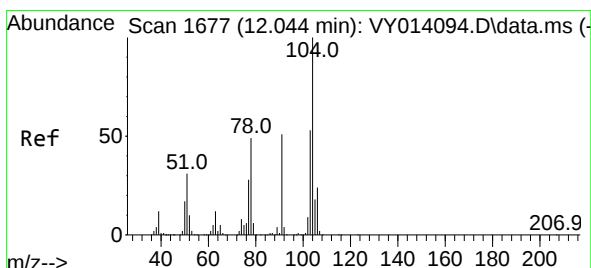
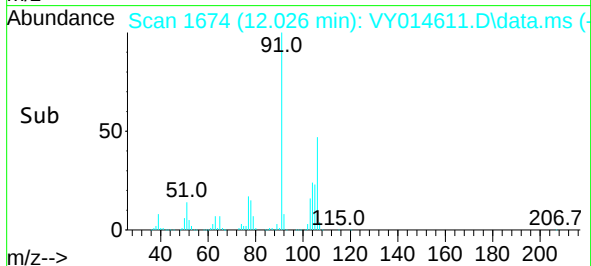
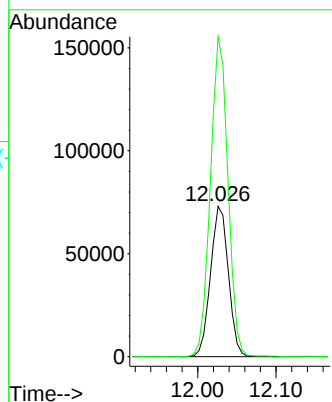
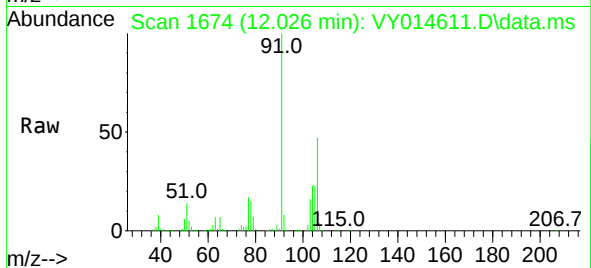
91 209.3 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#70

Styrene

Concen: 19.640 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

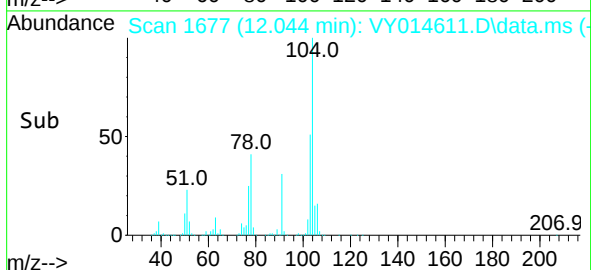
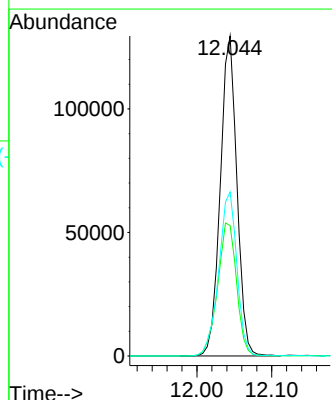
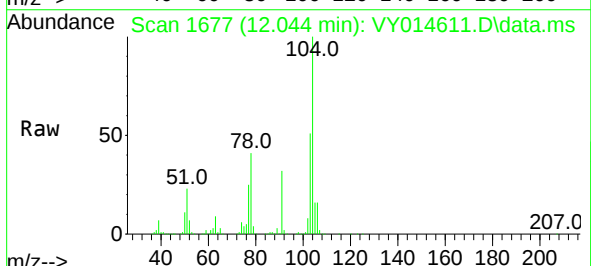
Tgt Ion:104 Resp: 200637

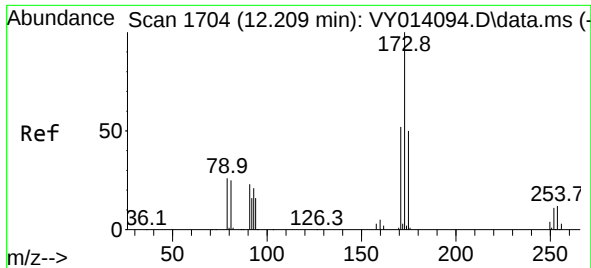
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

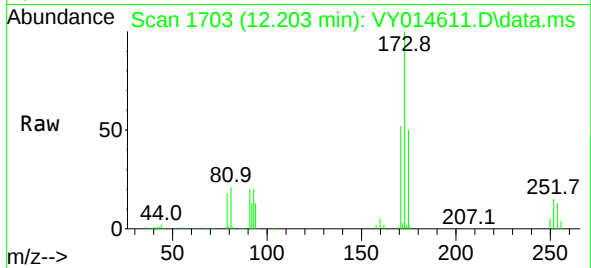
103 56.2 44.6 67.0





#71
Bromoform
Concen: 20.422 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

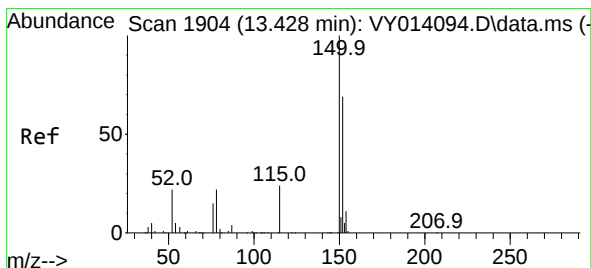
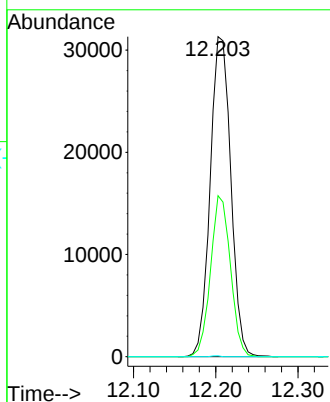
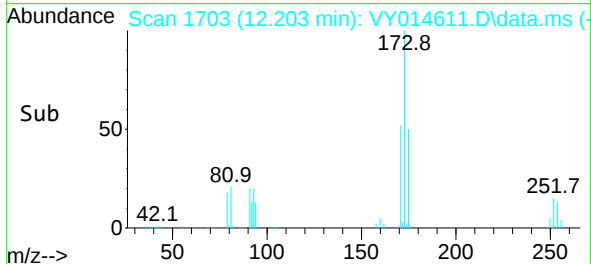
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



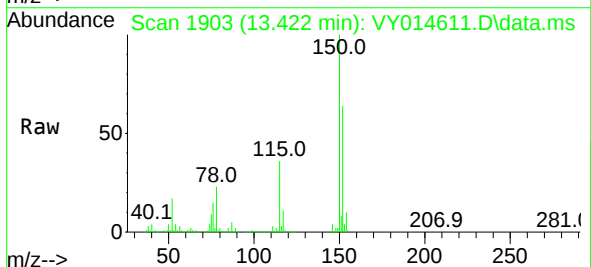
Tgt Ion:173 Resp: 54574
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.1 0.2 0.2

Manual Integrations
APPROVED

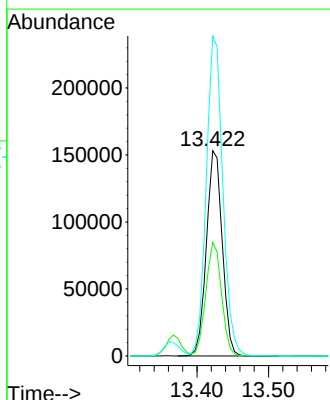
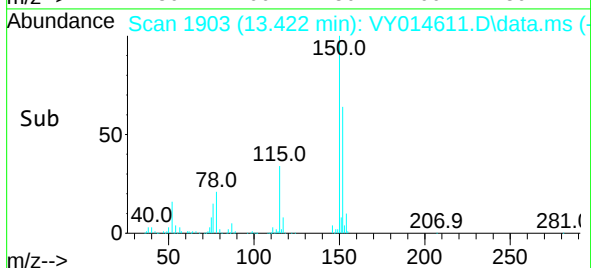
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

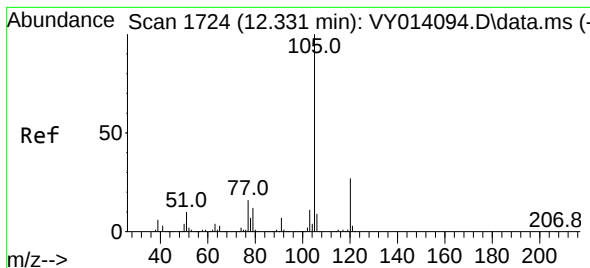


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



Tgt Ion:152 Resp: 235377
Ion Ratio Lower Upper
152 100
115 54.7 28.8 86.5
150 163.0 0.0 348.8





#73

Isopropylbenzene

Concen: 20.076 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion:105 Resp: 309470

Ion Ratio Lower Upper

105 100

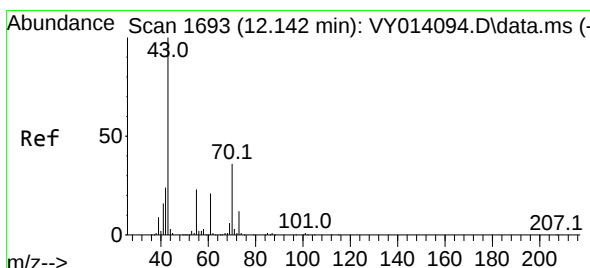
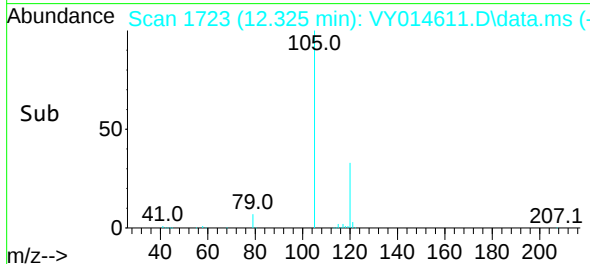
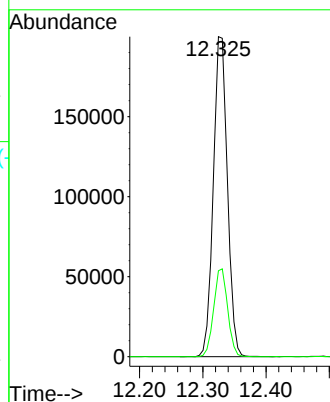
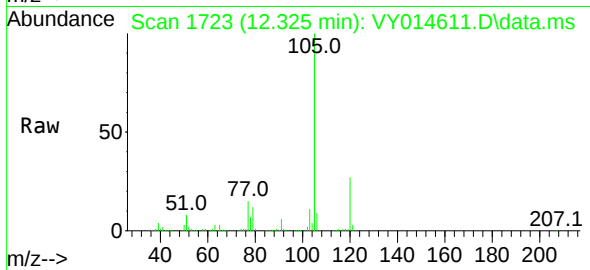
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

N-aryl acetate

Concen: 19.181 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion: 43 Resp: 89240

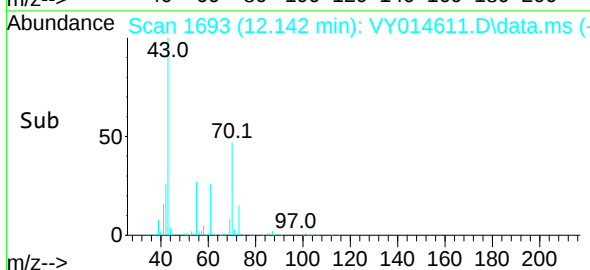
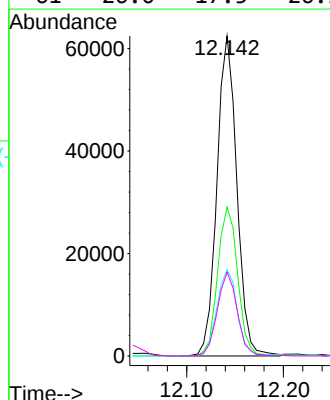
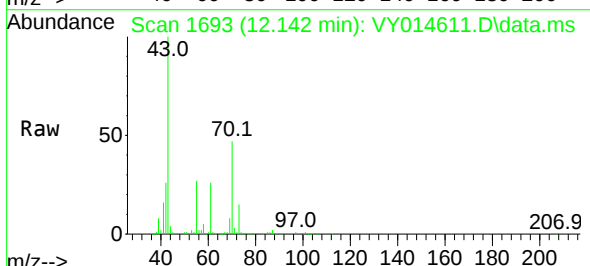
Ion Ratio Lower Upper

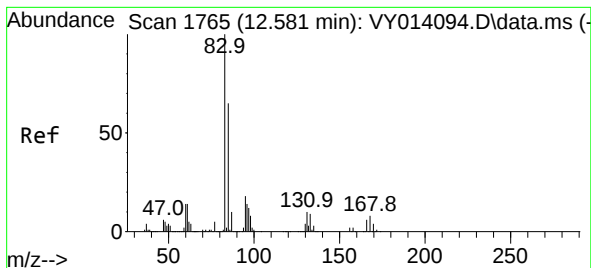
43 100

70 47.0 29.7 44.5#

55 28.1 18.3 27.5#

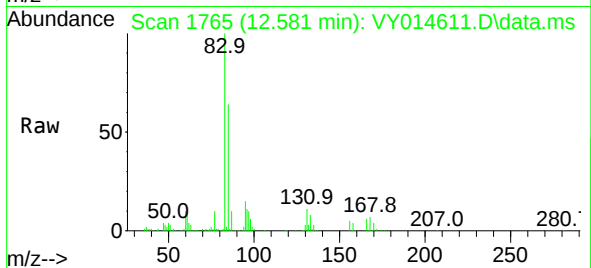
61 26.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.812 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

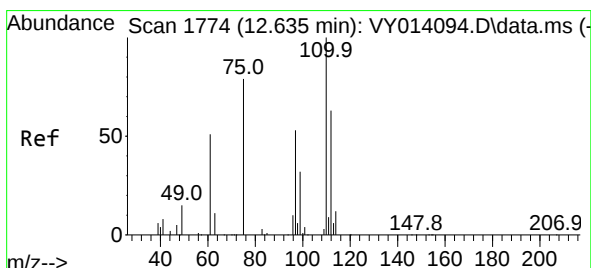
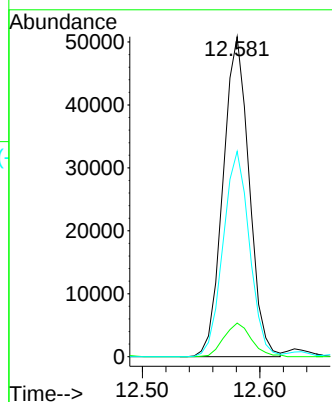
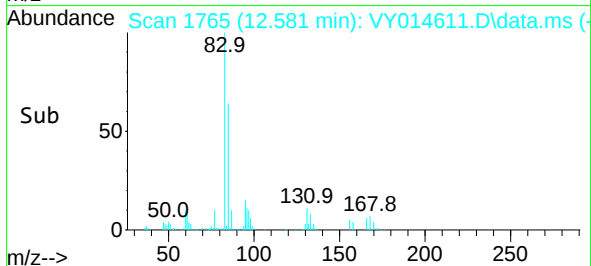
Instrument : MSVOA_Y
ClientSampleId : VY0710SBSD01



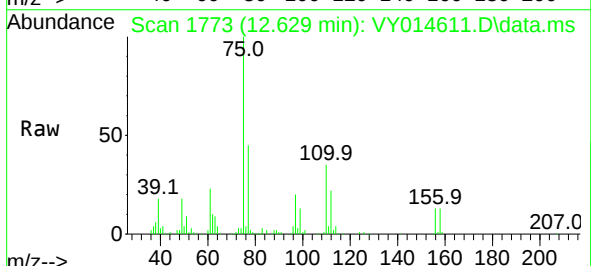
Tgt Ion: 83 Resp: 78370
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 65.0 31.8 95.4

Manual Integrations
APPROVED

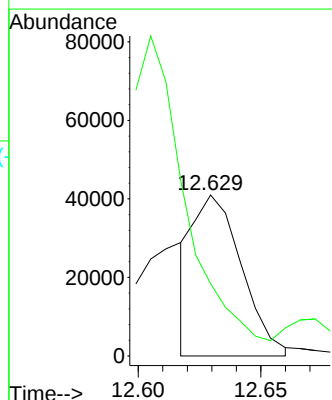
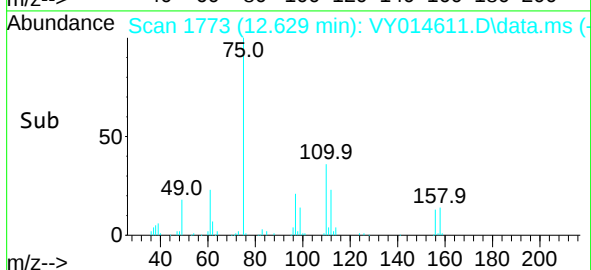
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

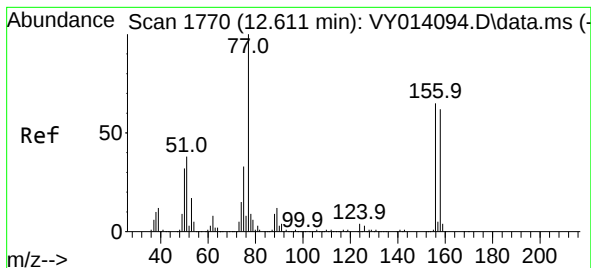


#76
1,2,3-Trichloropropane
Concen: 20.477 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



Tgt Ion: 75 Resp: 56560
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.055 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

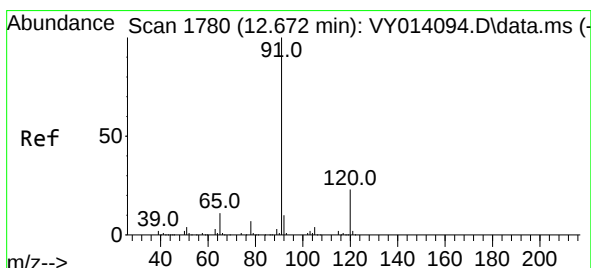
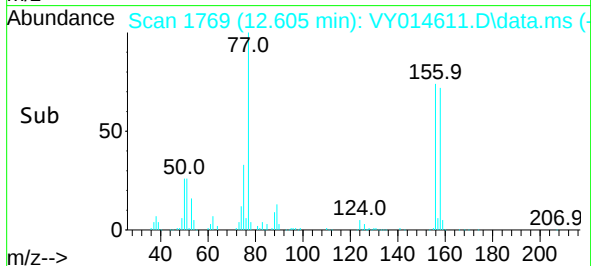
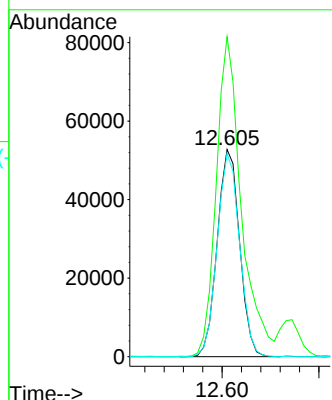
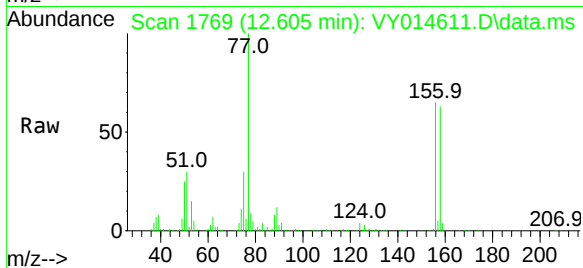
Tgt Ion:	156	Resp:	84440
Ion Ratio	Lower	Upper	
156	100		
77	173.6	92.8	278.6
158	98.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#78

n-propylbenzene

Concen: 20.435 ug/l

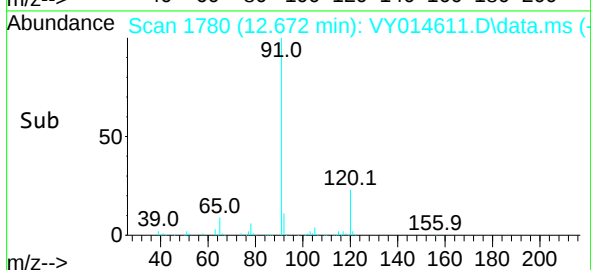
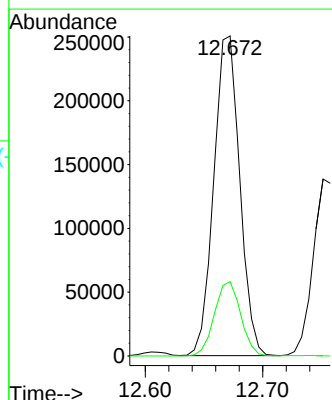
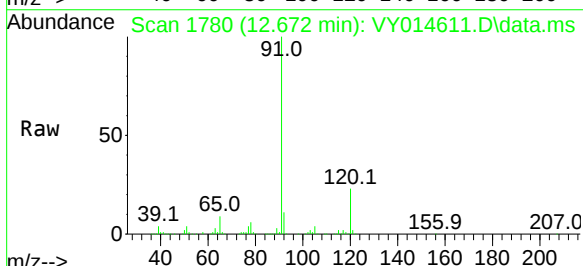
RT: 12.672 min Scan# 1780

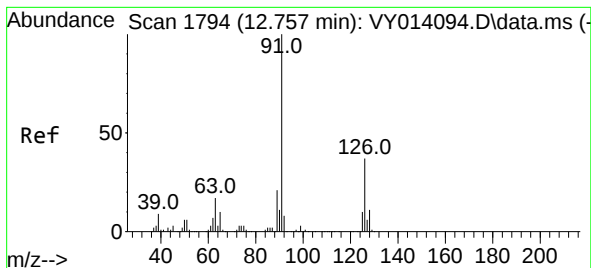
Delta R.T. 0.000 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Tgt Ion:	91	Resp:	384267
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.969 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY014611.D

Acq: 10 Jul 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 91 Resp: 216098

Ion Ratio Lower Upper

91 100

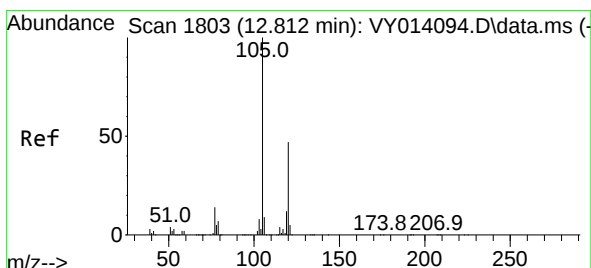
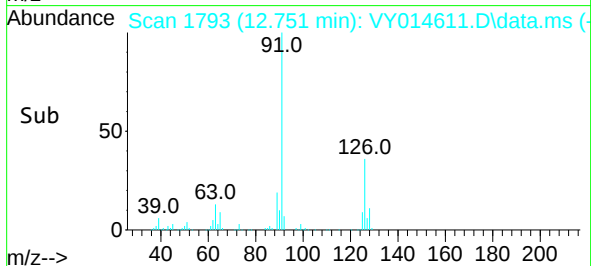
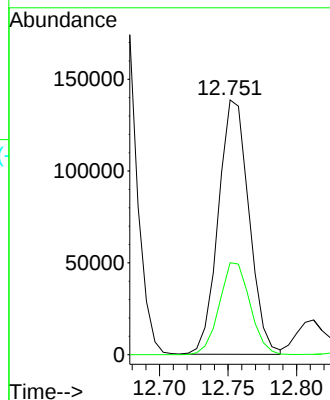
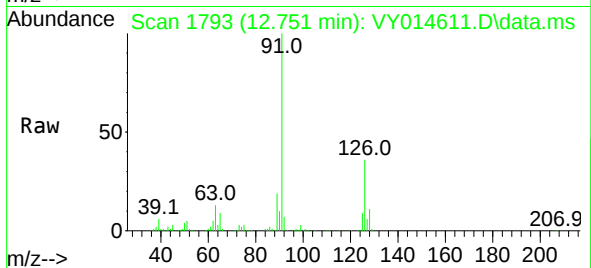
126 36.1 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.276 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014611.D

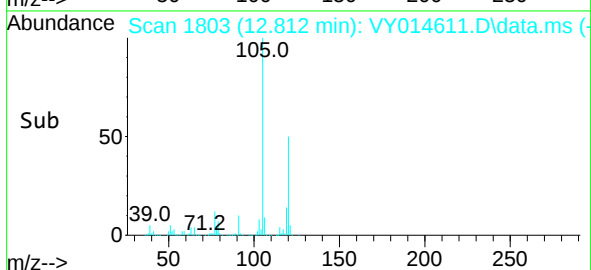
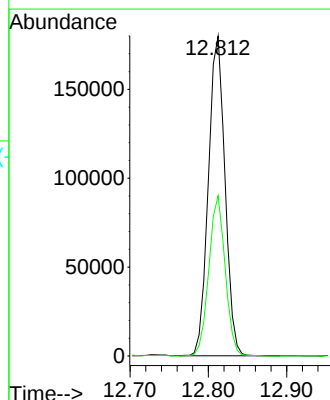
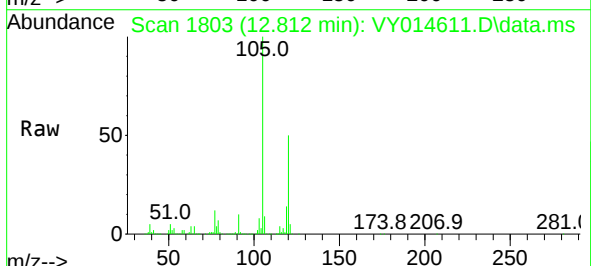
Acq: 10 Jul 2023 12:32

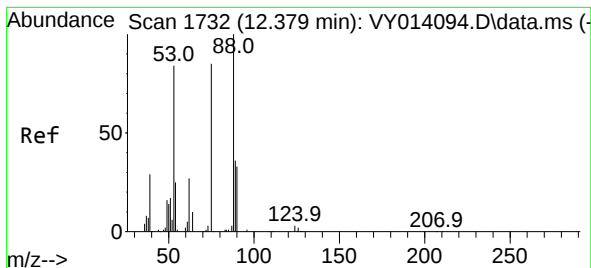
Tgt Ion:105 Resp: 264602

Ion Ratio Lower Upper

105 100

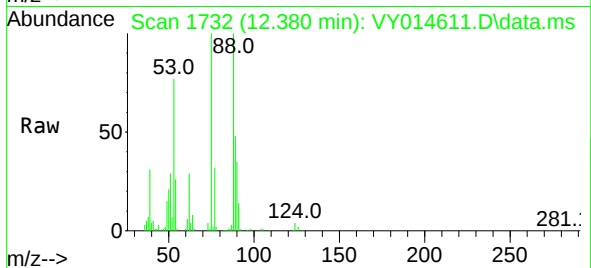
120 49.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.681 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

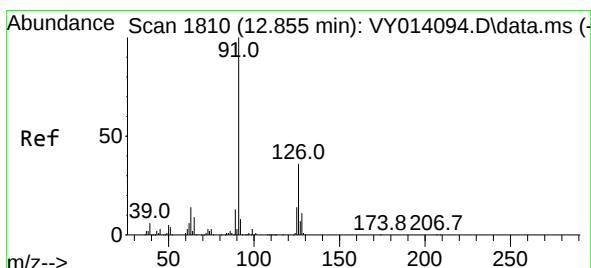
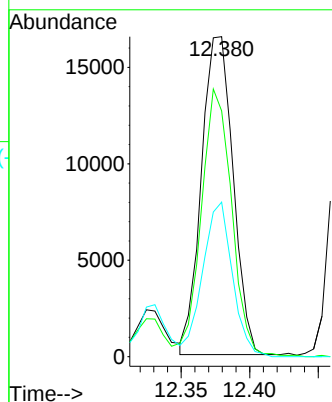
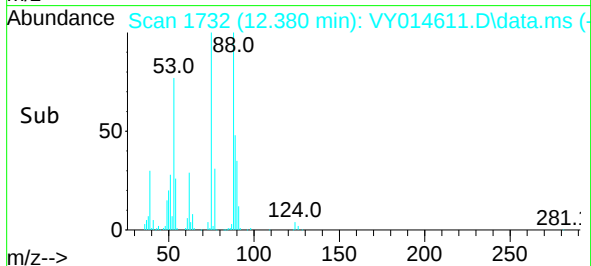
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 75 Resp: 26510
Ion Ratio Lower Upper
75 100
53 81.2 77.8 116.8
89 45.7 37.4 56.0

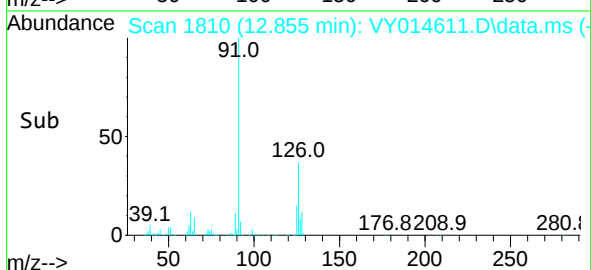
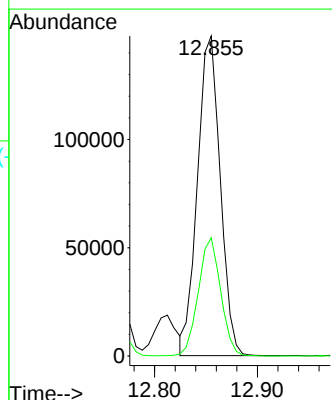
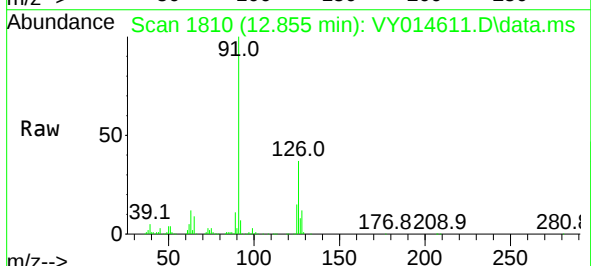
Manual Integrations
APPROVED

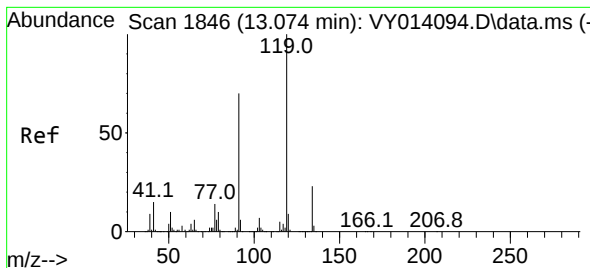
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 20.078 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

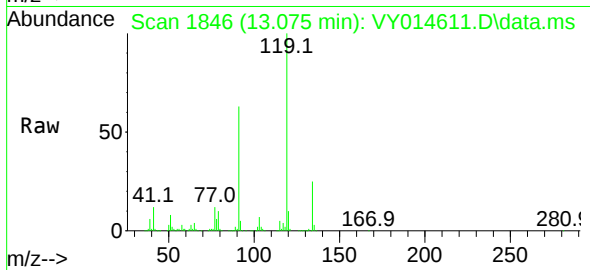
Tgt Ion: 91 Resp: 227633
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 19.976 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.001 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

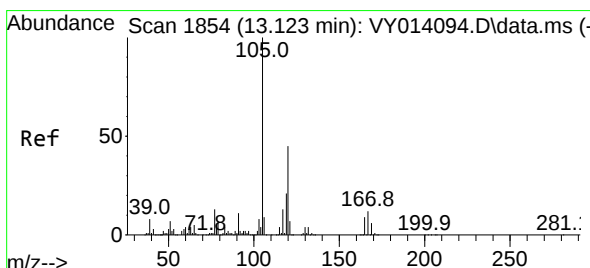
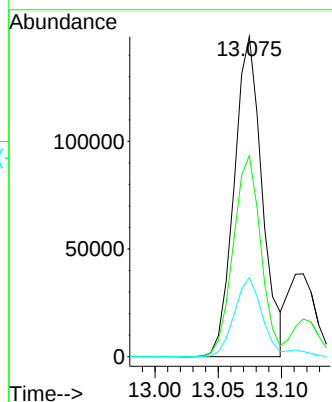
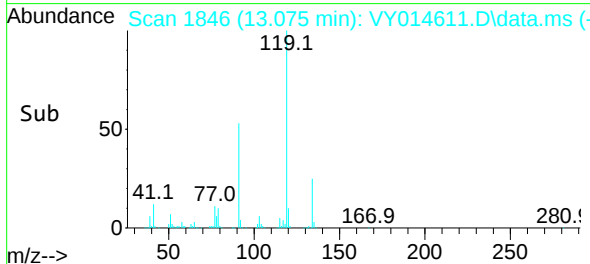
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBSD01



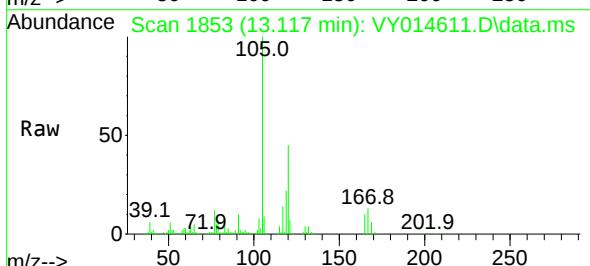
Tgt Ion:119 Resp: 22910
 Ion Ratio Lower Upper
 119 100
 91 61.9 32.9 98.6
 134 25.9 13.0 38.9

Manual Integrations
 APPROVED

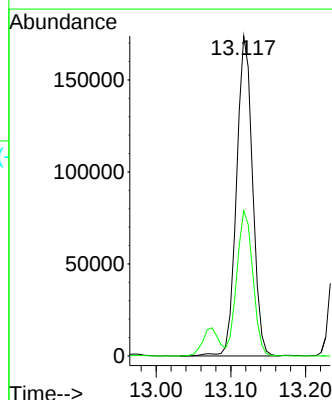
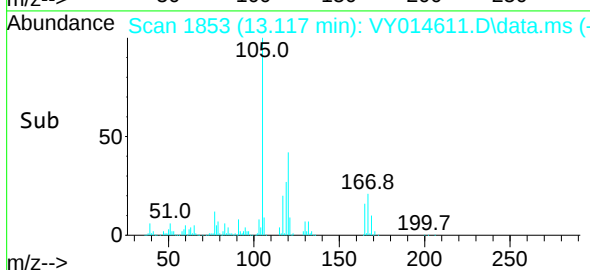
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

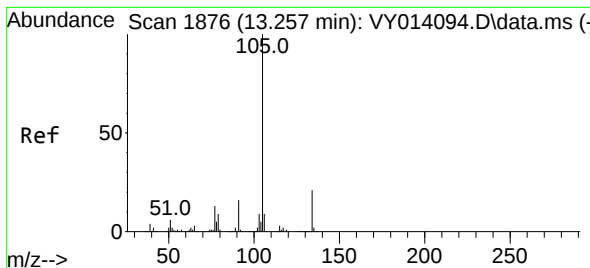


#84
 1,2,4-Trimethylbenzene
 Concen: 19.908 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32



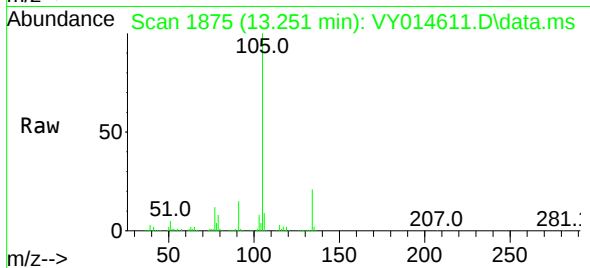
Tgt Ion:105 Resp: 259251
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.449 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

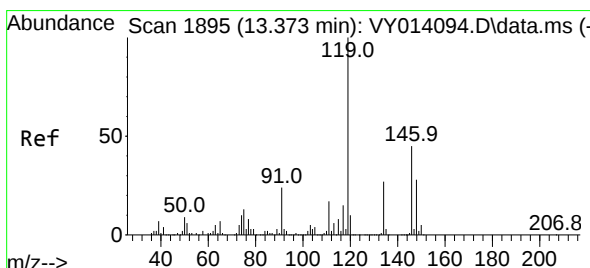
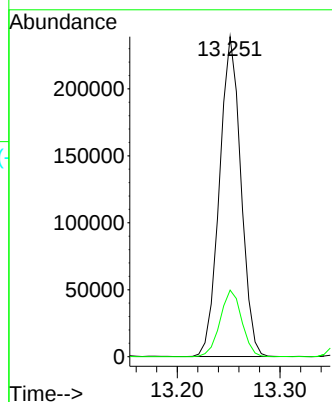
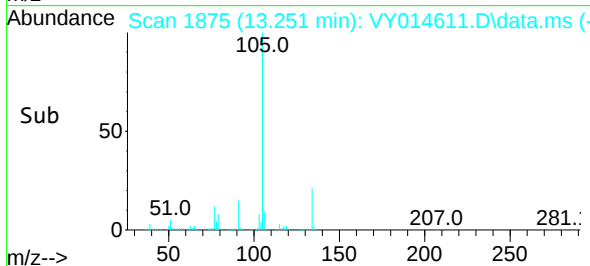
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBSD01



Tgt Ion:105 Resp: 346088
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

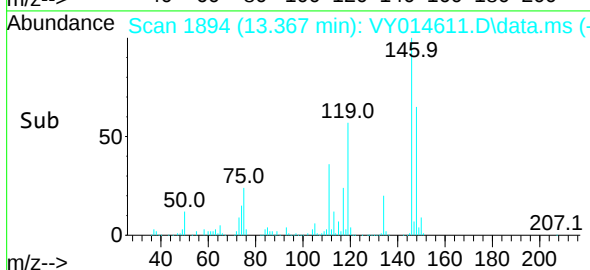
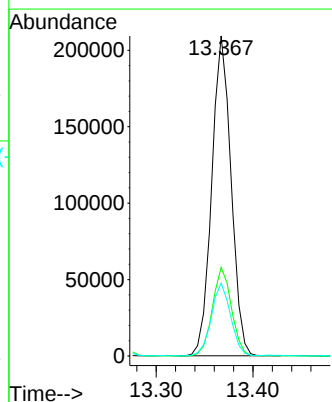
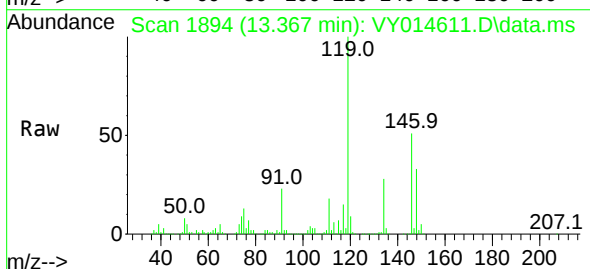
Manual Integrations
 APPROVED

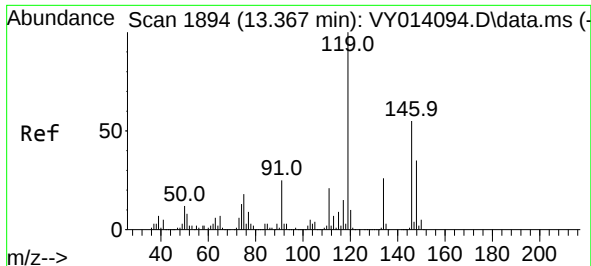
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 20.377 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014611.D
 Acq: 10 Jul 2023 12:32

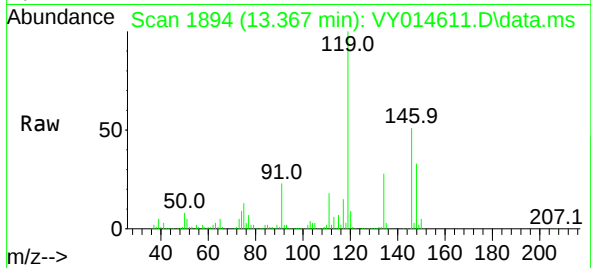
Tgt Ion:119 Resp: 290224
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.129 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

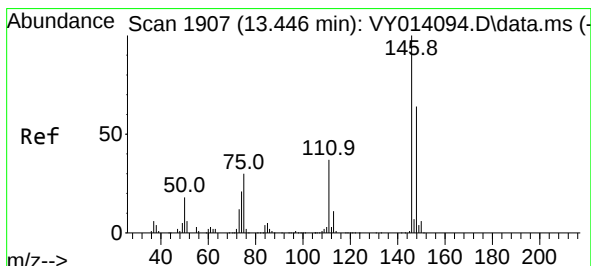
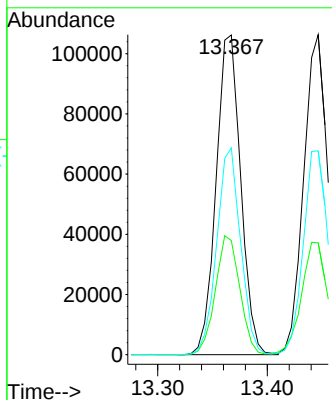
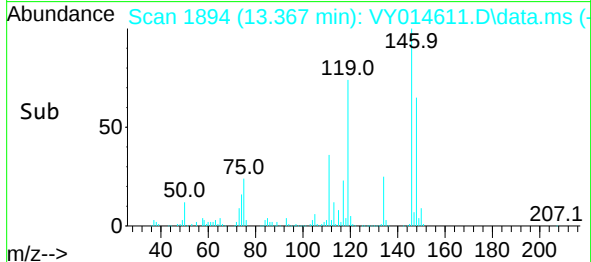
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion:146 Resp: 165700
Ion Ratio Lower Upper
146 100
111 37.0 19.4 58.2
148 62.8 31.9 95.5

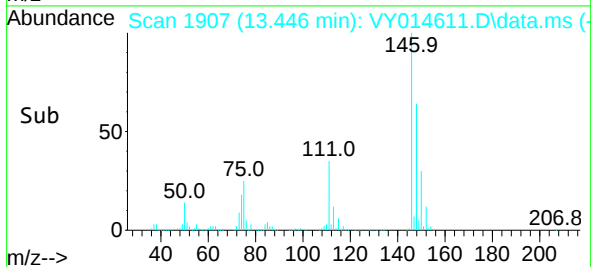
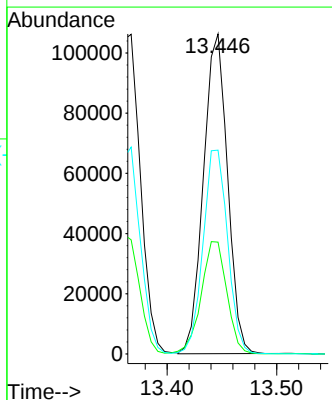
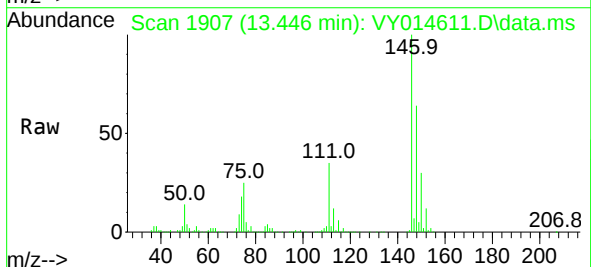
Manual Integrations
APPROVED

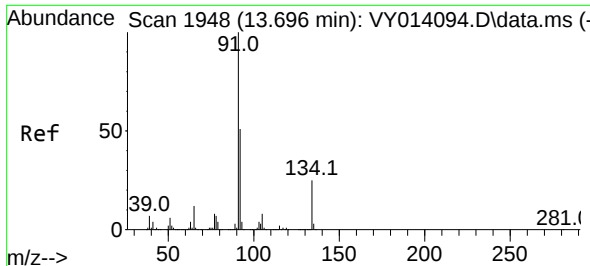
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#88
1,4-Dichlorobenzene
Concen: 19.658 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

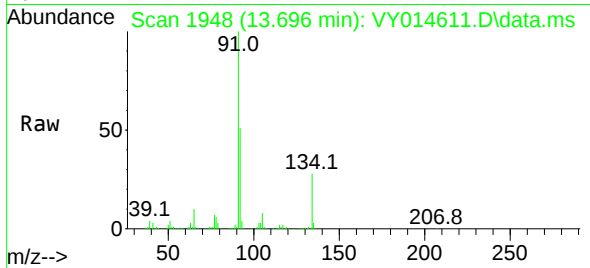
Tgt Ion:146 Resp: 162185
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.7
148 65.4 32.1 96.5





#89
n-Butylbenzene
Concen: 20.299 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

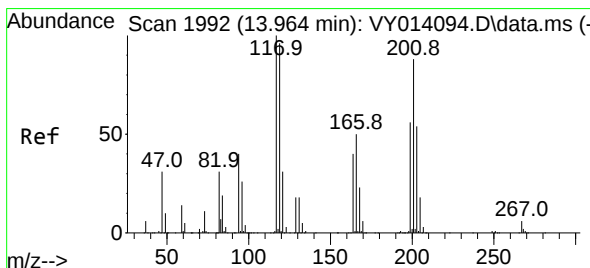
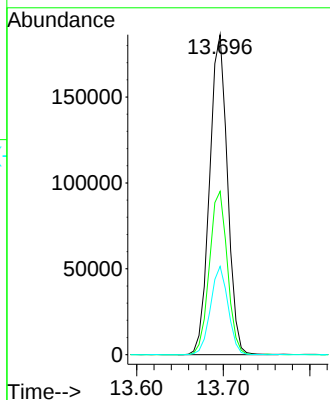
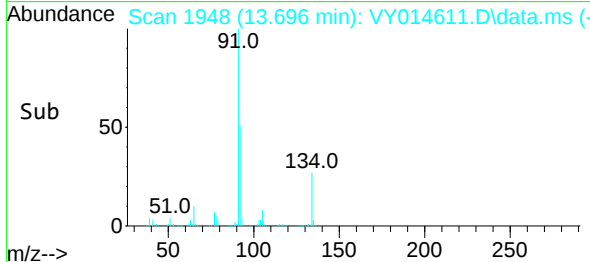
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion: 91 Resp: 267192
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 27.1 12.6 37.6

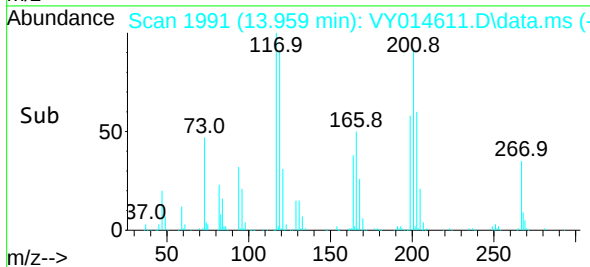
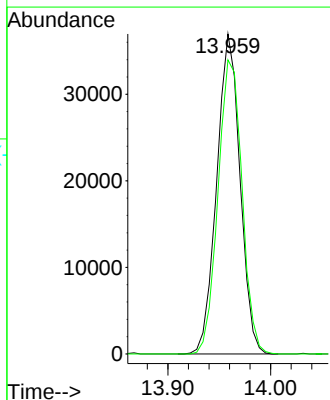
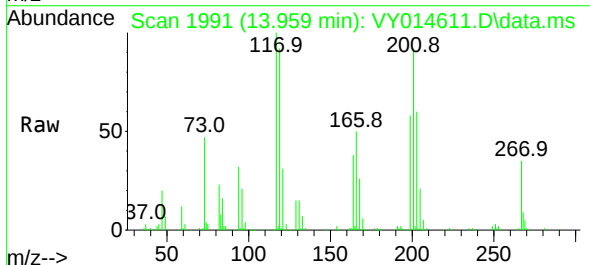
Manual Integrations
APPROVED

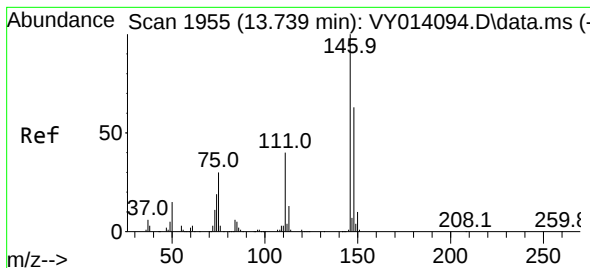
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 20.580 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

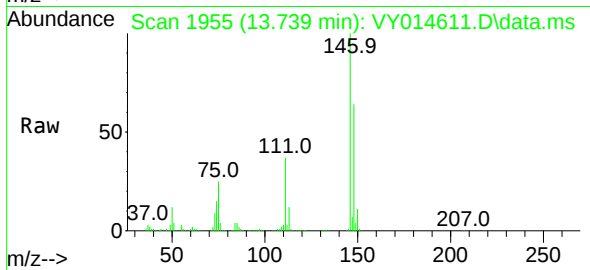
Tgt Ion:117 Resp: 58062
Ion Ratio Lower Upper
117 100
201 94.7 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 19.978 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

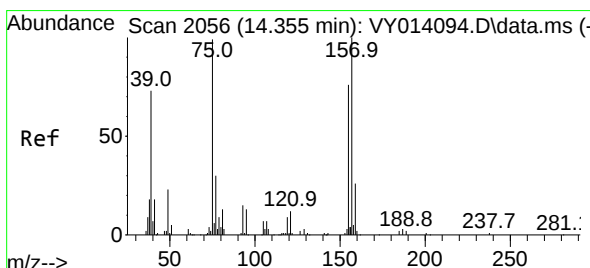
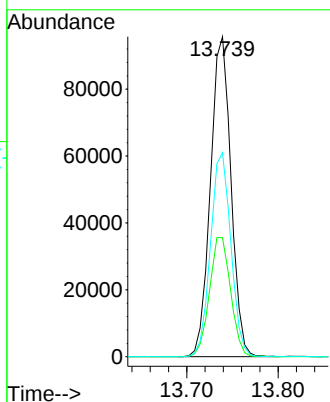
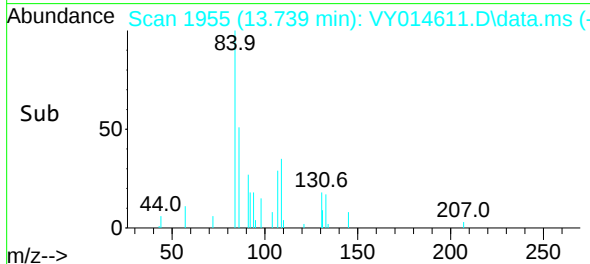
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



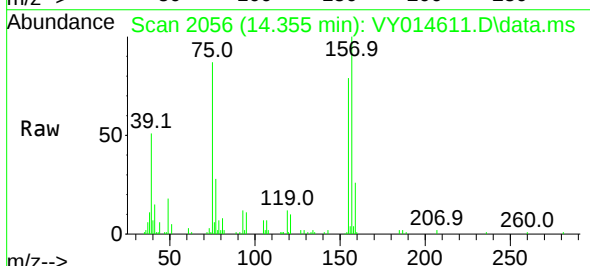
Tgt Ion:146 Resp: 148974
Ion Ratio Lower Upper
146 100
111 38.5 19.7 59.0
148 63.3 32.0 96.2

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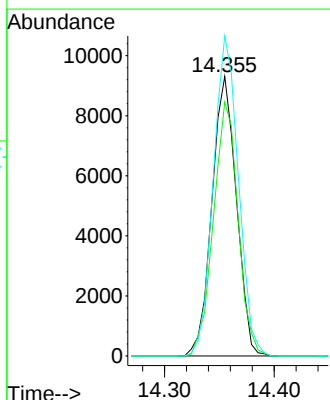
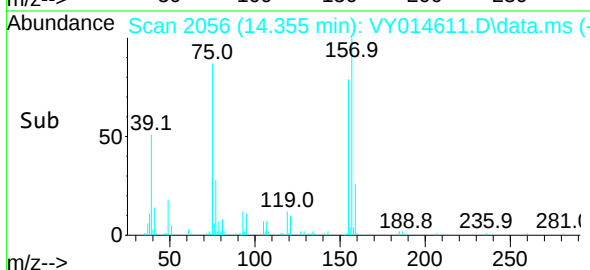
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

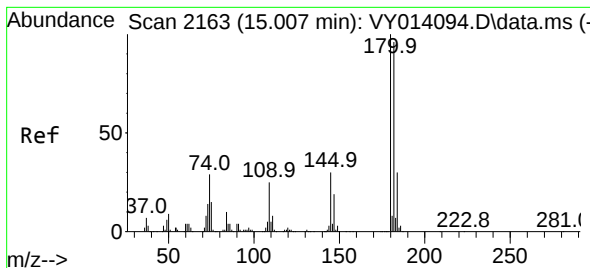


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.931 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32



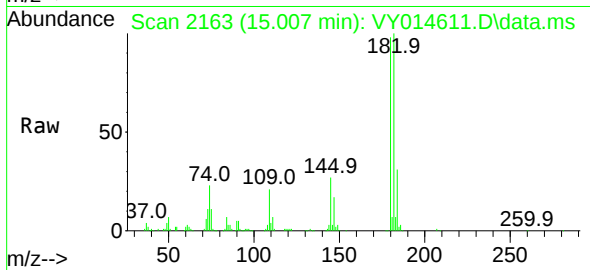
Tgt Ion: 75 Resp: 14435
Ion Ratio Lower Upper
75 100
155 91.3 41.5 124.6
157 117.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.961 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

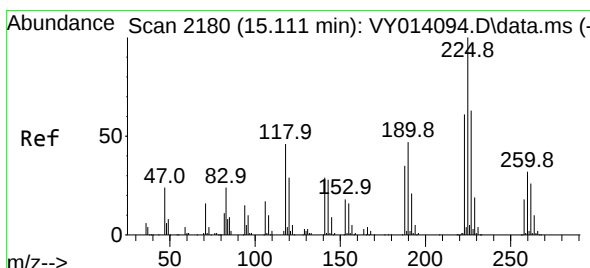
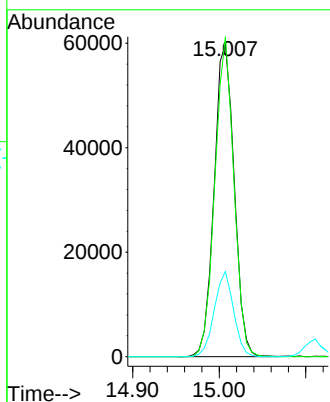
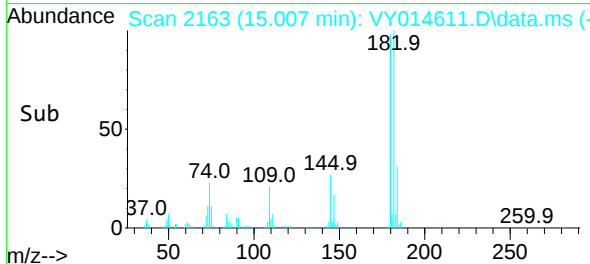
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion:180 Resp: 96138
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.2
145 26.2 14.5 43.5

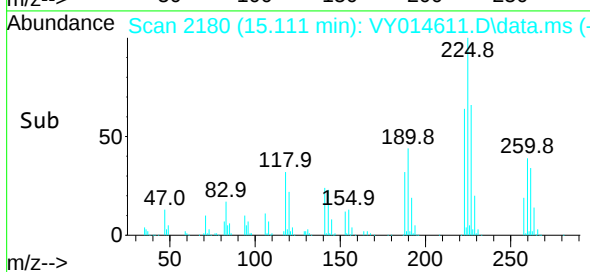
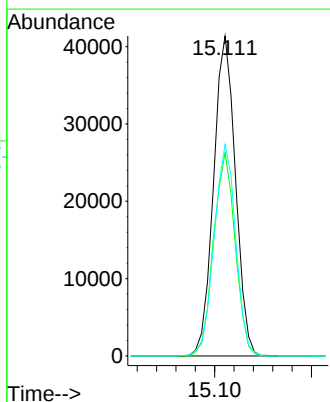
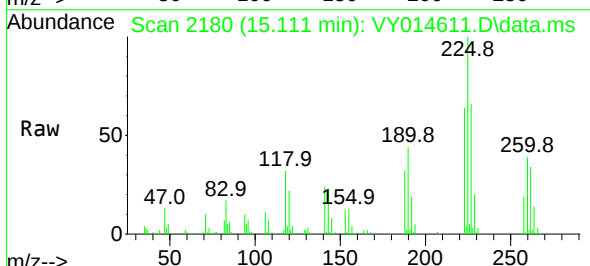
Manual Integrations
APPROVED

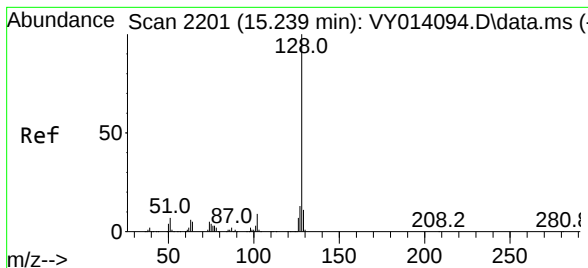
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#94
Hexachlorobutadiene
Concen: 21.935 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

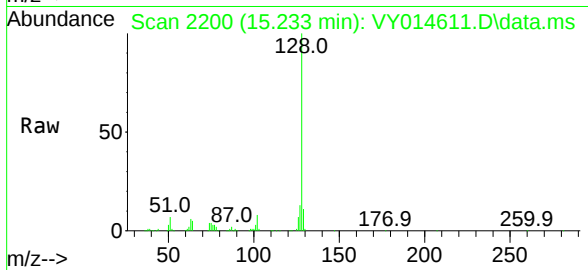
Tgt Ion:225 Resp: 64932
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 65.2 33.0 98.9





#95
Naphthalene
Concen: 18.426 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

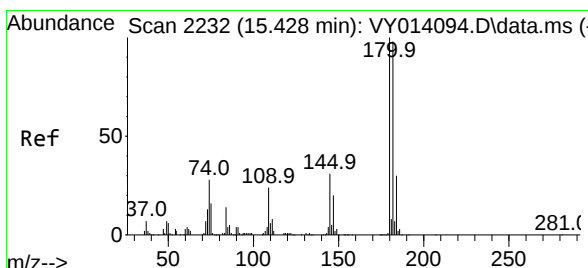
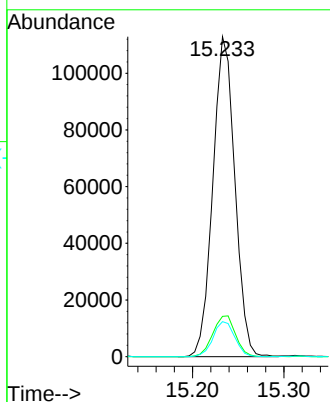
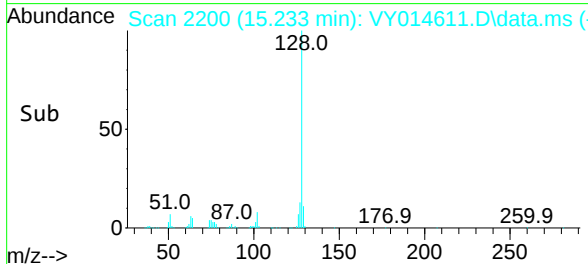
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBSD01



Tgt Ion:128 Resp: 188814
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.086 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014611.D
Acq: 10 Jul 2023 12:32

Tgt Ion:180 Resp: 88144
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 28.9 15.4 46.2

