

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014906.D
 Acq On : 28 Jul 2023 14:06
 Operator : SY/MD
 Sample : VY0728SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 03:05:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	193349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	288436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	128954	58.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.060%			
35) Dibromofluoromethane	7.710	113	116480	57.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.700%			
50) Toluene-d8	10.173	98	419323	56.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.000%			
62) 4-Bromofluorobenzene	12.477	95	154827	53.925	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28422	18.043	ug/l	93
3) Chloromethane	2.107	50	39921	22.545	ug/l	99
4) Vinyl Chloride	2.241	62	44898	22.688	ug/l	94
5) Bromomethane	2.613	94	33113	25.319	ug/l	96
6) Chloroethane	2.772	64	29092	23.534	ug/l	93
7) Trichlorofluoromethane	3.107	101	64342	19.359	ug/l	99
8) Diethyl Ether	3.515	74	22875	18.498	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	36796	18.062	ug/l	95
10) Methyl Iodide	4.076	142	32029	16.498	ug/l	97
11) Tert butyl alcohol	4.948	59	44353	85.520	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	33468	17.578	ug/l	93
13) Acrolein	3.717	56	20273	88.034	ug/l	98
14) Allyl chloride	4.466	41	55871	16.527	ug/l	97
15) Acrylonitrile	5.149	53	70074	102.759	ug/l	98
16) Acetone	3.942	43	67481	96.651	ug/l	93
17) Carbon Disulfide	4.180	76	90056	16.521	ug/l	98
18) Methyl Acetate	4.466	43	56017	20.907	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	116664	18.863	ug/l	98
20) Methylene Chloride	4.698	84	55794	22.256	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	39425	18.246	ug/l	96
22) Diisopropyl ether	6.112	45	122040	17.756	ug/l	90
23) Vinyl Acetate	6.045	43	362879	88.225	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	70739	17.987	ug/l	97
25) 2-Butanone	6.978	43	105500	103.284	ug/l	97
26) 2,2-Dichloropropane	6.966	77	66800	17.822	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	46702	18.569	ug/l	96
28) Bromochloromethane	7.326	49	34267	20.231	ug/l	91
29) Tetrahydrofuran	7.338	42	64926	103.227	ug/l	93
30) Chloroform	7.496	83	75913	18.719	ug/l	100
31) Cyclohexane	7.777	56	58976	16.125	ug/l #	83
32) 1,1,1-Trichloroethane	7.691	97	66163	18.127	ug/l	99
36) 1,1-Dichloropropene	7.905	75	54184	17.839	ug/l	99
37) Ethyl Acetate	7.063	43	41528	19.858	ug/l #	94
38) Carbon Tetrachloride	7.893	117	56893	17.720	ug/l	99
39) Methylcyclohexane	9.173	83	65363	16.518	ug/l	94
40) Benzene	8.149	78	158442	18.342	ug/l	98

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 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21754m	20.225	ug/l	
42) 1,2-Dichloroethane	8.228	62	53523	19.566	ug/l	96
43) Isopropyl Acetate	8.264	43	74652	18.740	ug/l	95
44) Trichloroethene	8.929	130	45418	18.792	ug/l	99
45) 1,2-Dichloropropane	9.209	63	40670	18.030	ug/l	93
46) Dibromomethane	9.301	93	26433	19.317	ug/l	95
47) Bromodichloromethane	9.490	83	59614	18.484	ug/l	95
48) Methyl methacrylate	9.289	41	33343	18.602	ug/l	93
49) 1,4-Dioxane	9.295	88	9231	413.705	ug/l #	62
51) 4-Methyl-2-Pentanone	10.063	43	214969	102.780	ug/l	94
52) Toluene	10.240	92	101820	18.420	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	60389	17.118	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	67588	17.618	ug/l	92
55) 1,1,2-Trichloroethane	10.636	97	37321	19.579	ug/l	98
56) Ethyl methacrylate	10.502	69	54081	18.582	ug/l	91
57) 1,3-Dichloropropane	10.782	76	62468	19.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	141312	104.208	ug/l	94
59) 2-Hexanone	10.825	43	156959	102.906	ug/l	93
60) Dibromochloromethane	10.977	129	43586	18.650	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36845	19.376	ug/l	99
64) Tetrachloroethene	10.715	164	44777	19.302	ug/l	99
65) Chlorobenzene	11.508	112	111345	18.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	41533	17.922	ug/l	96
67) Ethyl Benzene	11.587	91	196341	17.692	ug/l	98
68) m/p-Xylenes	11.697	106	152020	35.886	ug/l	96
69) o-Xylene	12.026	106	74901	18.153	ug/l	96
70) Styrene	12.038	104	126330	18.166	ug/l	98
71) Bromoform	12.203	173	28811	18.341	ug/l #	99
73) Isopropylbenzene	12.325	105	194994	16.848	ug/l	100
74) N-amyl acetate	12.136	43	65864	16.991	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	47046	17.825	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	36471m	19.536	ug/l	
77) Bromobenzene	12.599	156	47959	18.153	ug/l	98
78) n-propylbenzene	12.666	91	233429	16.737	ug/l	99
79) 2-Chlorotoluene	12.751	91	134722	16.771	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	163643	16.930	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	14935	15.490	ug/l	98
82) 4-Chlorotoluene	12.849	91	139141	16.818	ug/l	99
83) tert-Butylbenzene	13.069	119	143871	16.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.111	105	163883	17.276	ug/l	98
85) sec-Butylbenzene	13.245	105	212401	16.887	ug/l	100
86) p-Isopropyltoluene	13.361	119	177424	17.277	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	93635	18.210	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	94890	18.416	ug/l	99
89) n-Butylbenzene	13.690	91	167952	16.810	ug/l	96
90) Hexachloroethane	13.952	117	33299	15.786	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	86468	18.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9143	18.114	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	53969	18.047	ug/l	97
94) Hexachlorobutadiene	15.105	225	29246	17.796	ug/l	98
95) Naphthalene	15.227	128	133899	19.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	49834	18.750	ug/l	99

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

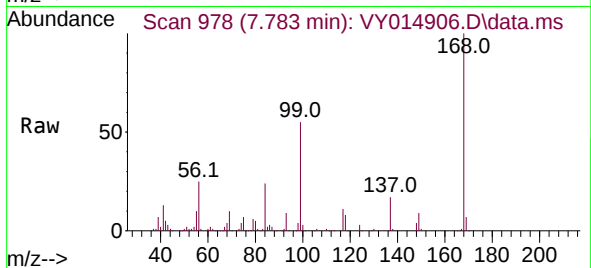
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

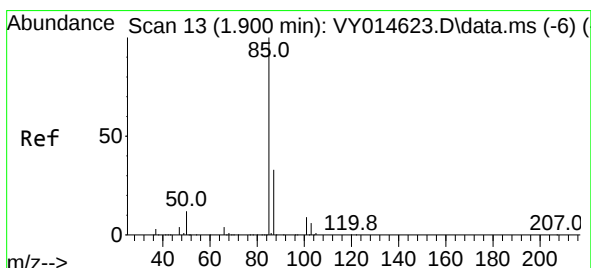
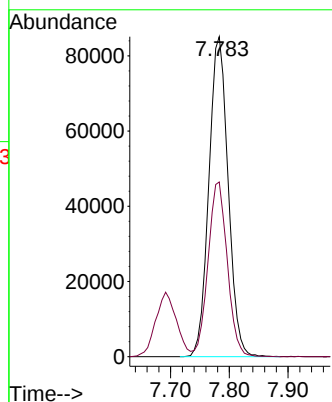
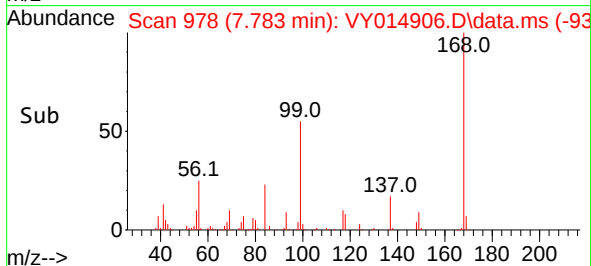
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:168 Resp: 193349
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0

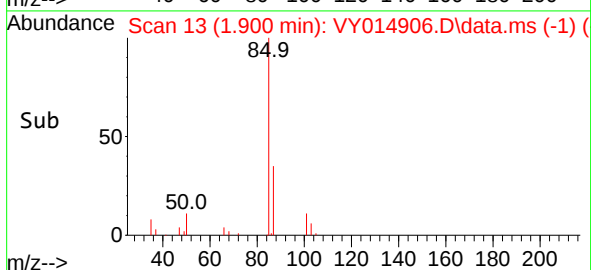
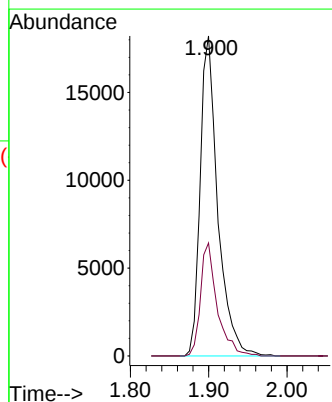
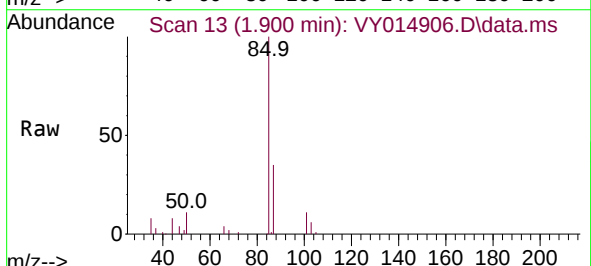
Manual Integrations
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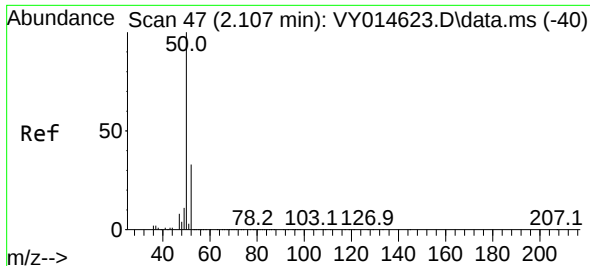
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 18.043 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

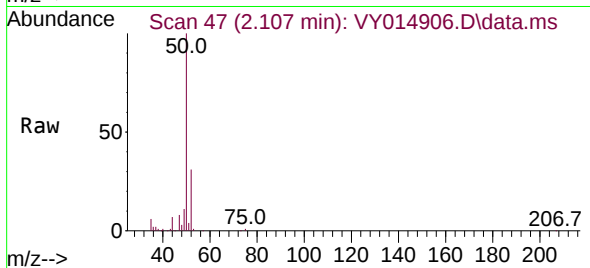
Tgt Ion: 85 Resp: 28422
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.8





#3
Chloromethane
Concen: 22.545 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

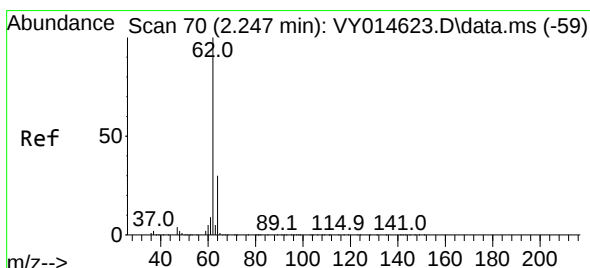
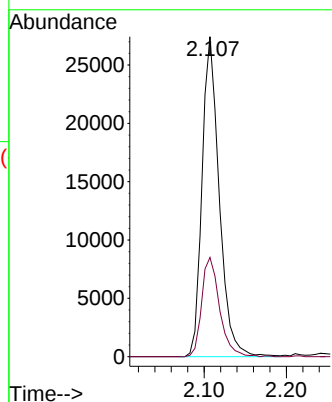
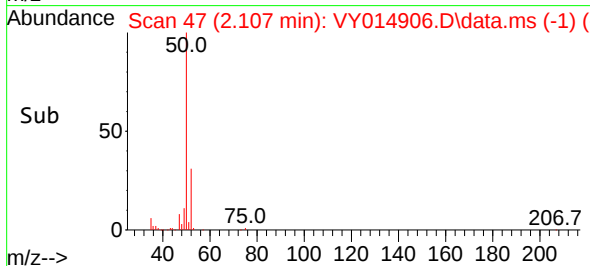
Instrument :
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Tgt Ion: 50 Resp: 3992
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

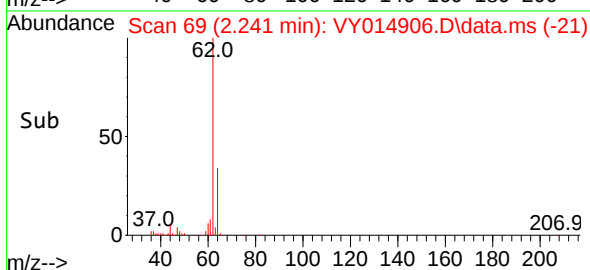
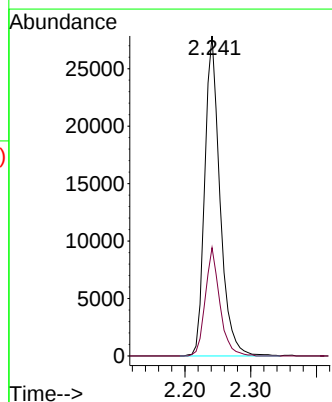
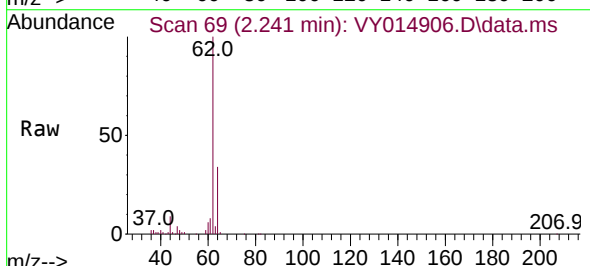
Manual Integrations
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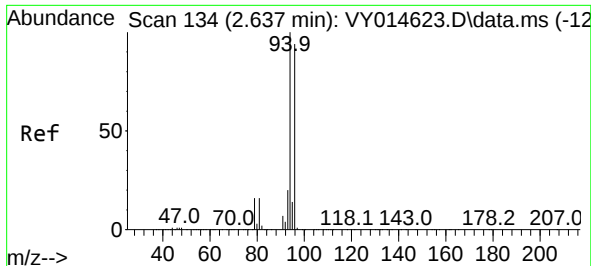
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 22.688 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

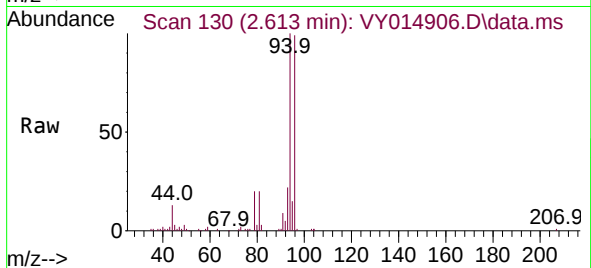
Tgt Ion: 62 Resp: 44898
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5





#5
Bromomethane
Concen: 25.319 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

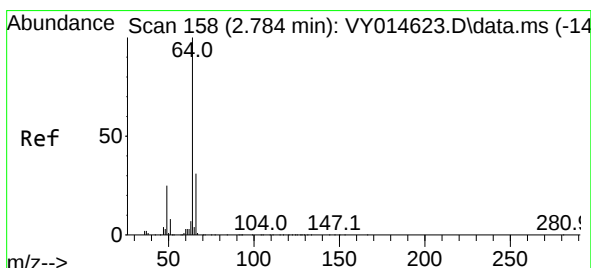
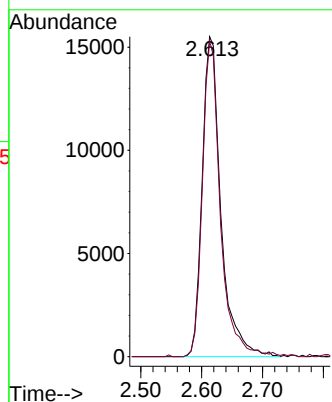
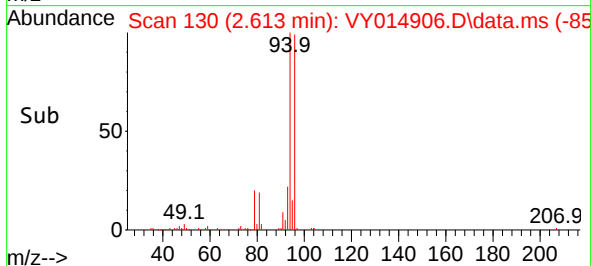
Instrument :
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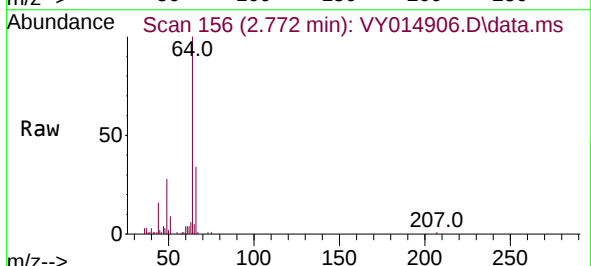
Tgt Ion: 94 Resp: 3311
Ion Ratio Lower Upper
94 100
96 98.7 75.8 113.6

Manual Integrations
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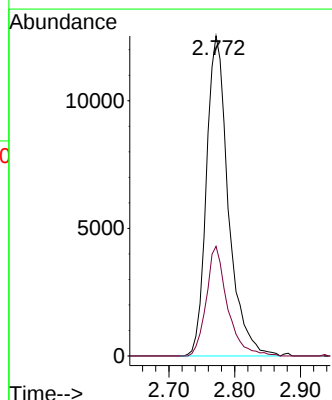
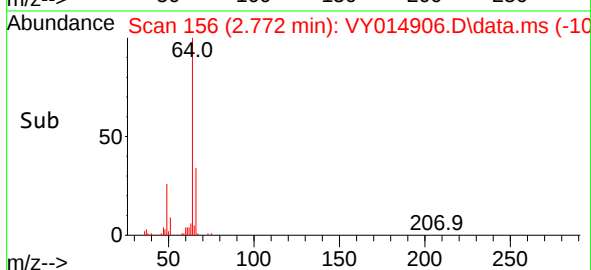
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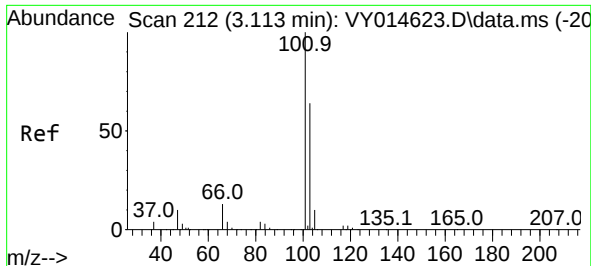


#6
Chloroethane
Concen: 23.534 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06



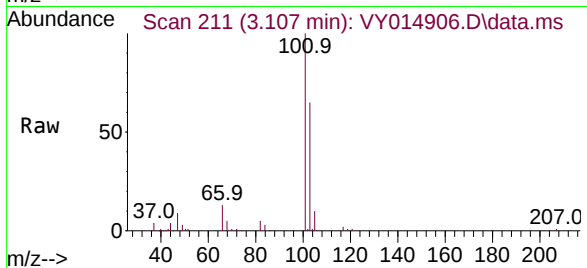
Tgt Ion: 64 Resp: 29092
Ion Ratio Lower Upper
64 100
66 34.2 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 19.359 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

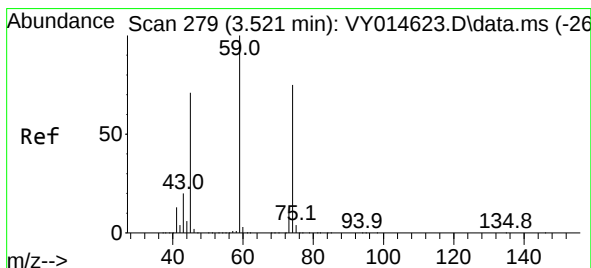
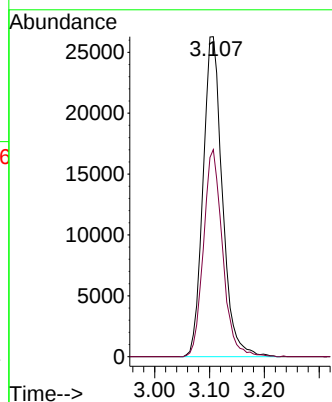
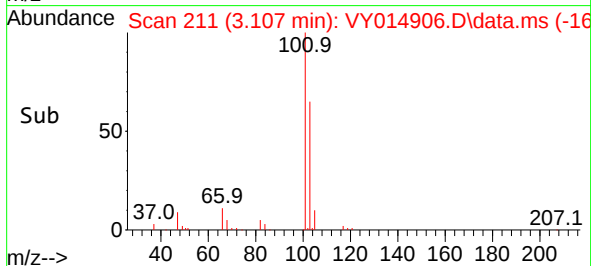
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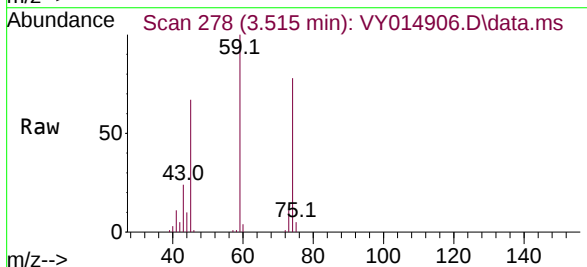
Tgt Ion: 101 Resp: 6434
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

Manual Integrations
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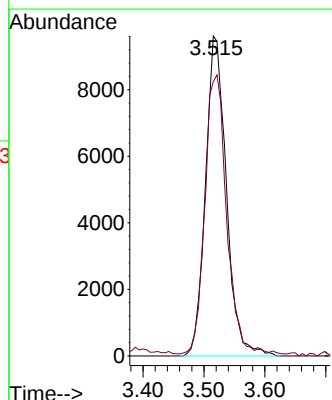
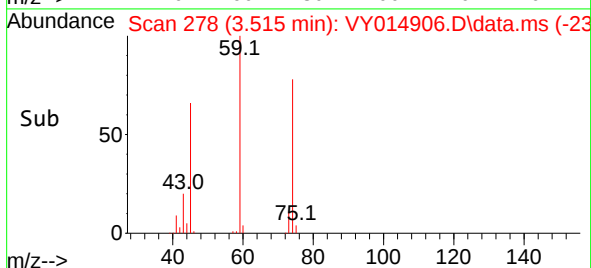
Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023



#8
 Diethyl Ether
 Concen: 18.498 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06



Tgt Ion: 74 Resp: 22875
 Ion Ratio Lower Upper
 74 100
 45 91.5 51.5 154.5





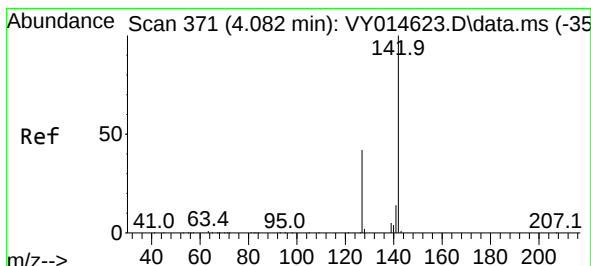
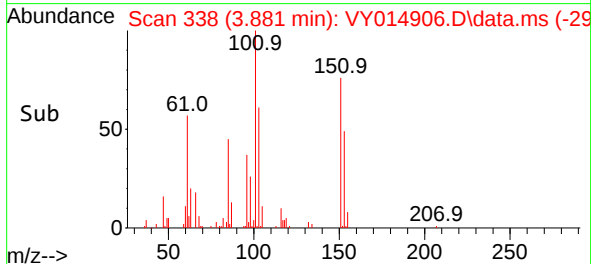
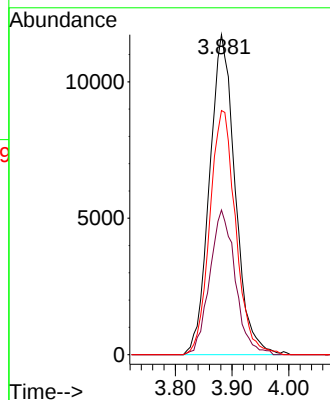
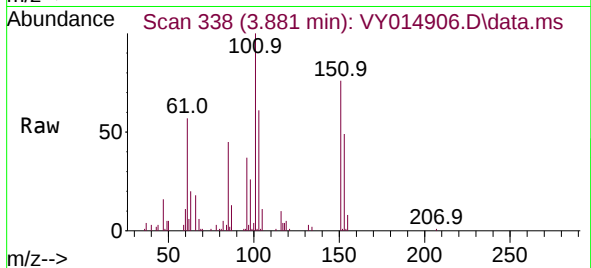
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.062 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014906.D
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Instrument :
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Tgt Ion:101 Resp: 36790
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 77.2 67.0 100.6

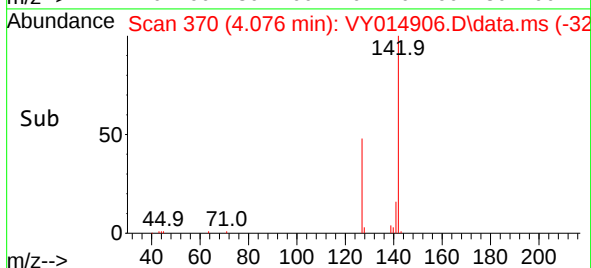
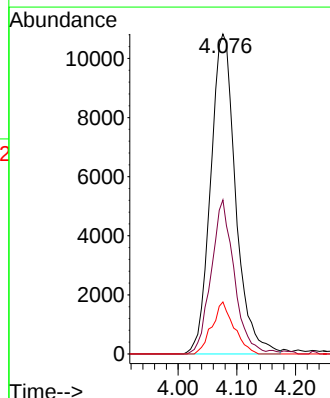
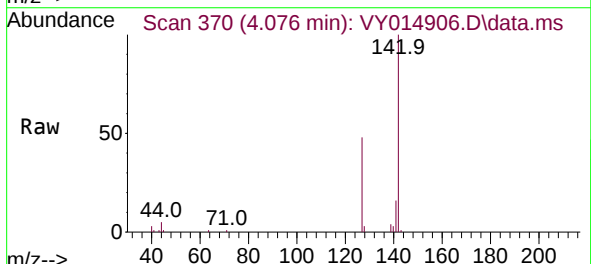
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 16.498 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

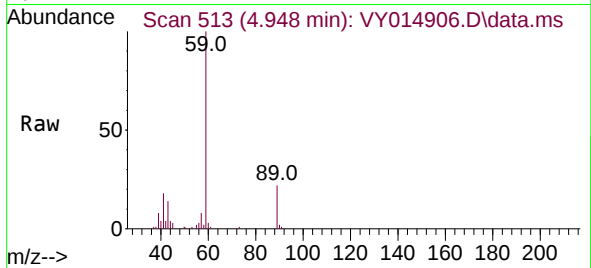
Tgt Ion:142 Resp: 32029
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 85.520 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

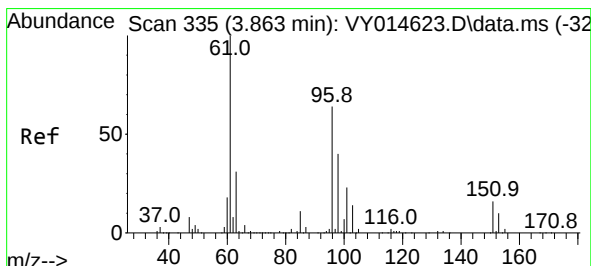
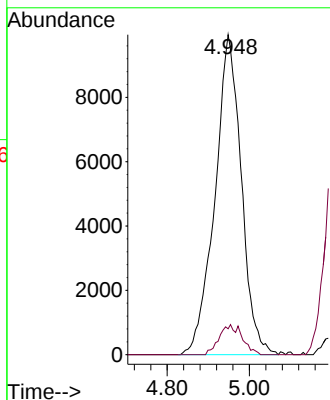
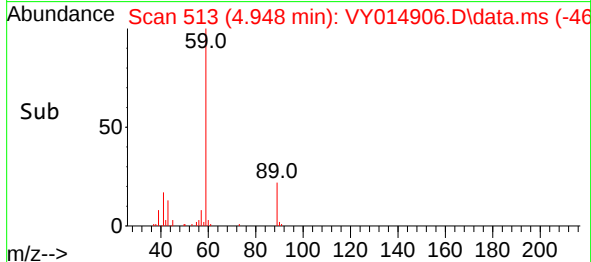
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



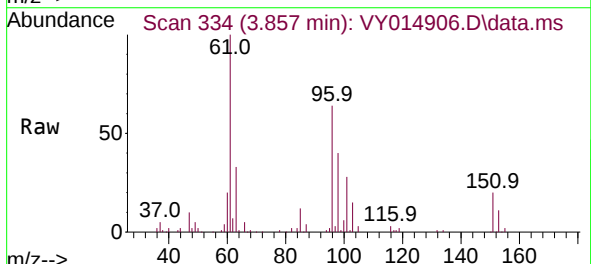
Tgt Ion: 59 Resp: 4435
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4

Manual Integrations
APPROVED

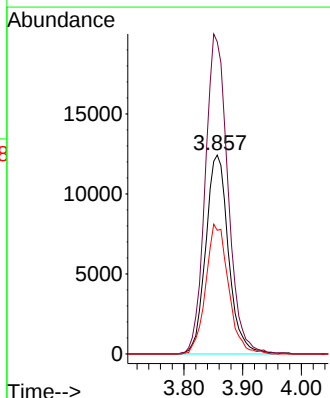
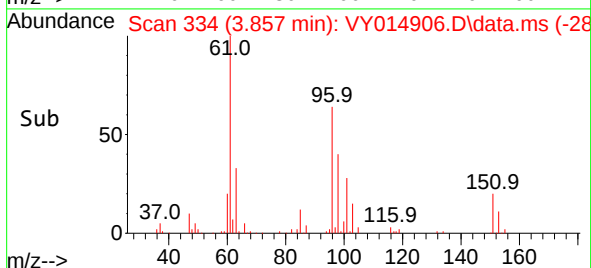
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

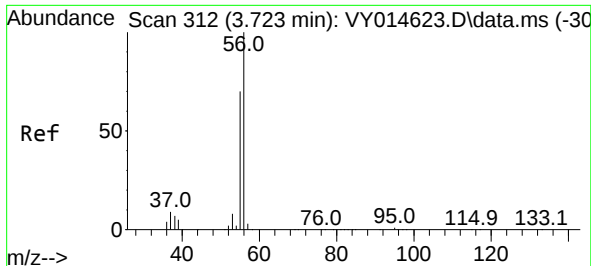


#12
1,1-Dichloroethene
Concen: 17.578 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06



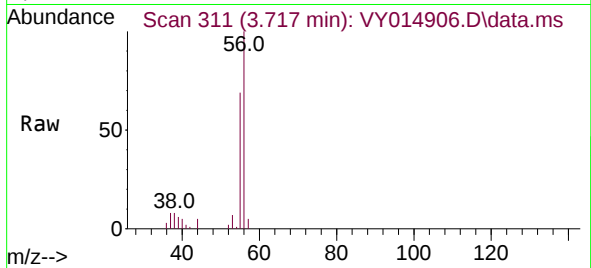
Tgt Ion: 96 Resp: 33468
Ion Ratio Lower Upper
96 100
61 157.0 136.4 204.6
98 62.2 49.4 74.2





#13
Acrolein
Concen: 88.034 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

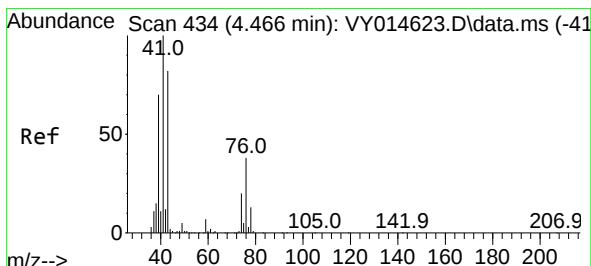
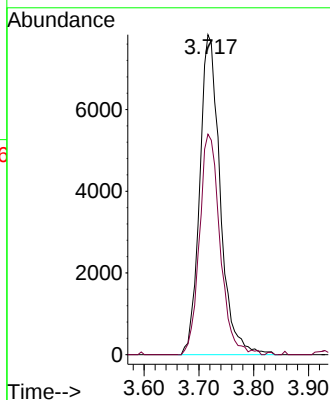
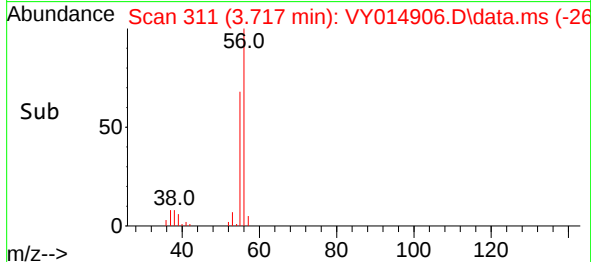
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4

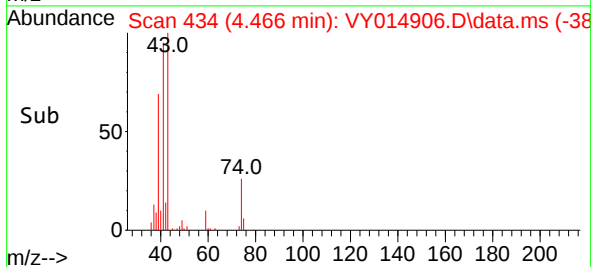
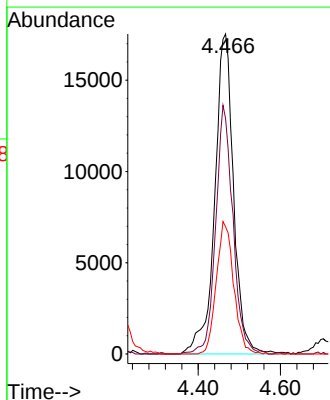
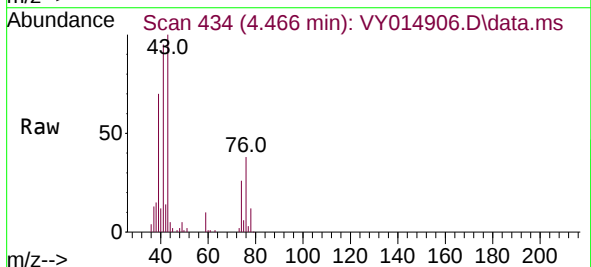
Manual Integrations
APPROVED

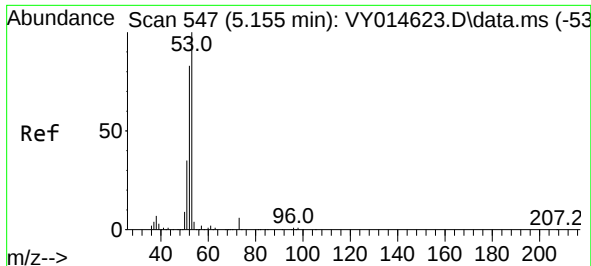
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Allyl chloride
Concen: 16.527 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 41 Resp: 55871
Ion Ratio Lower Upper
41 100
39 71.3 58.0 87.0
76 38.2 27.4 41.2





#15

Acrylonitrile

Concen: 102.759 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY014906.D

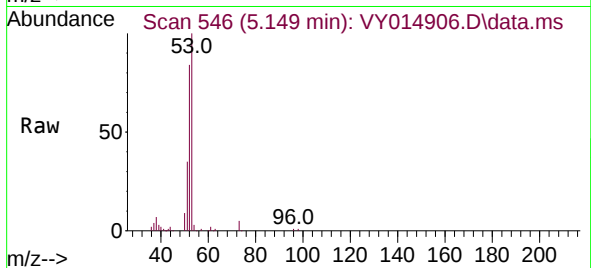
Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04



Tgt Ion: 53 Resp: 70074

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

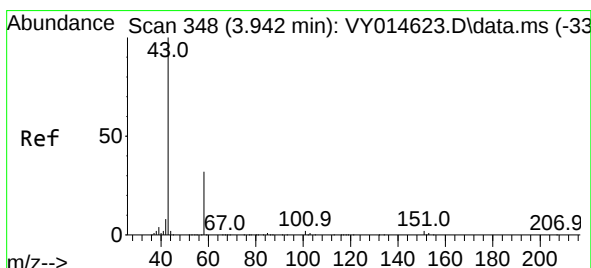
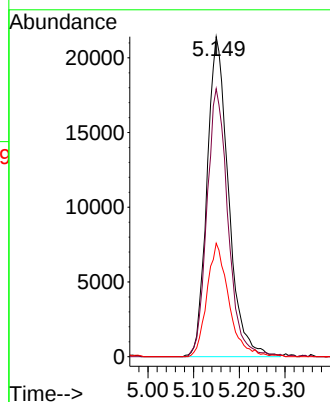
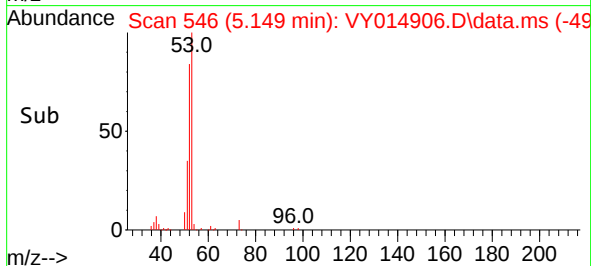
51 35.9 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#16

Acetone

Concen: 96.651 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY014906.D

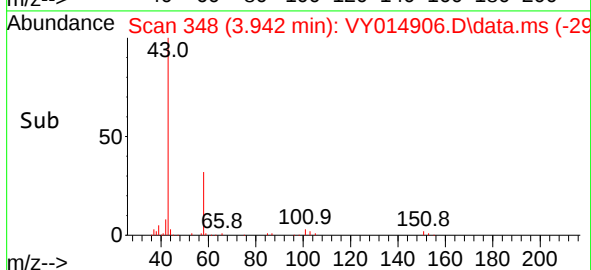
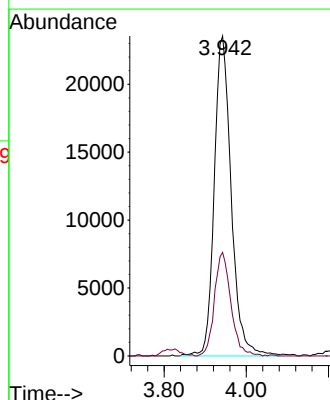
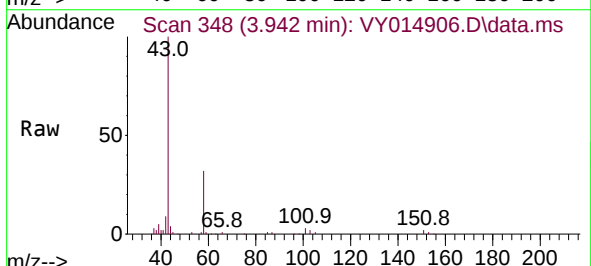
Acq: 28 Jul 2023 14:06

Tgt Ion: 43 Resp: 67481

Ion Ratio Lower Upper

43 100

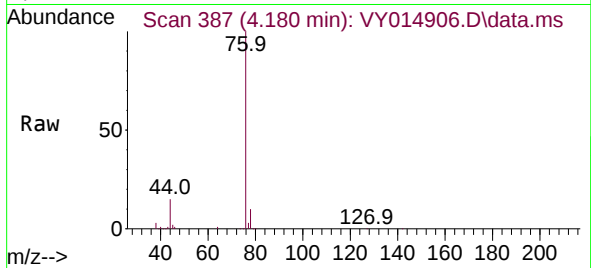
58 32.4 22.7 34.1





#17
Carbon Disulfide
Concen: 16.521 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

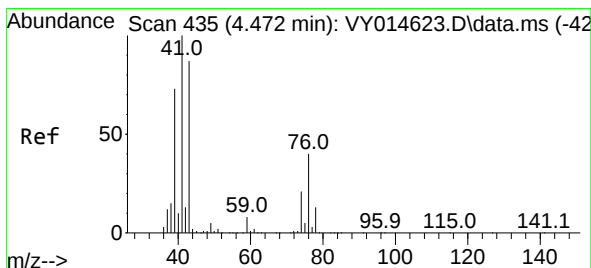
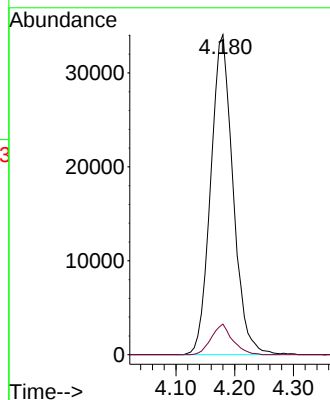
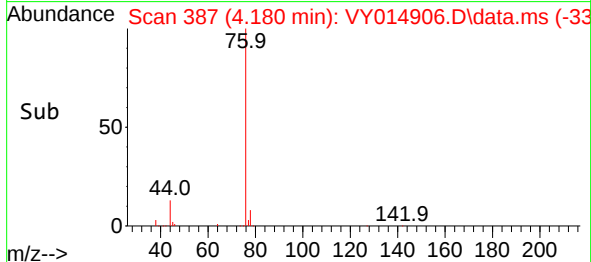
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 76 Resp: 9005
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

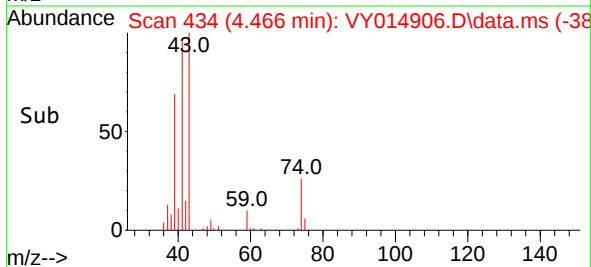
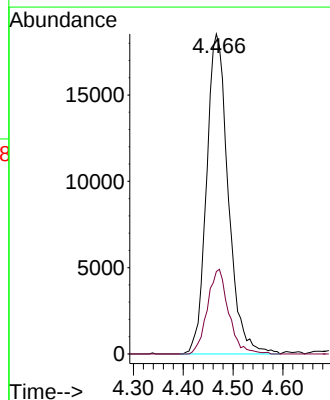
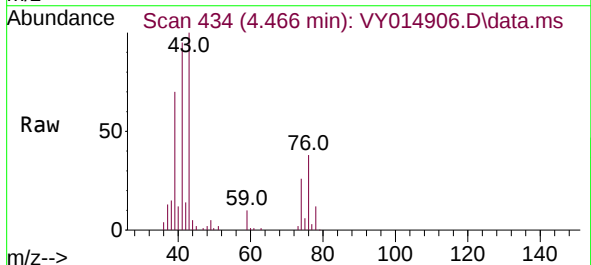
Manual Integrations
APPROVED

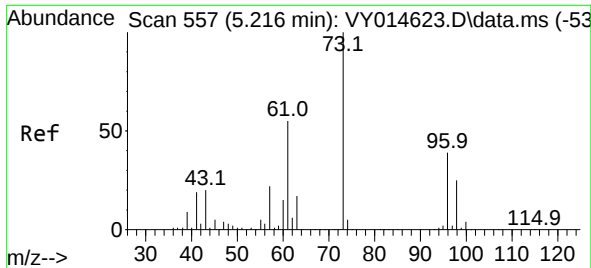
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 20.907 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 43 Resp: 56017
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





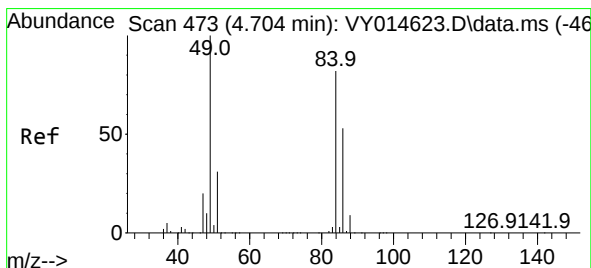
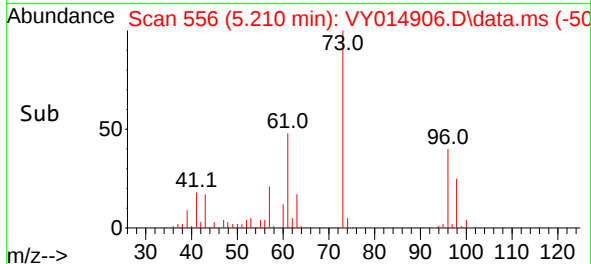
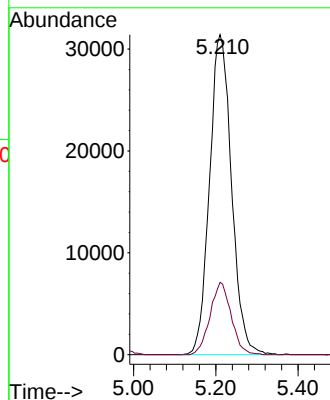
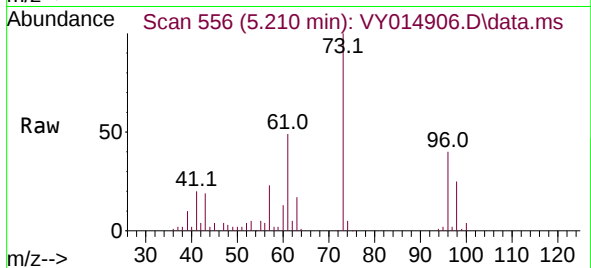
#19
Methyl tert-butyl Ether
Concen: 18.863 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 73 Resp: 116664
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

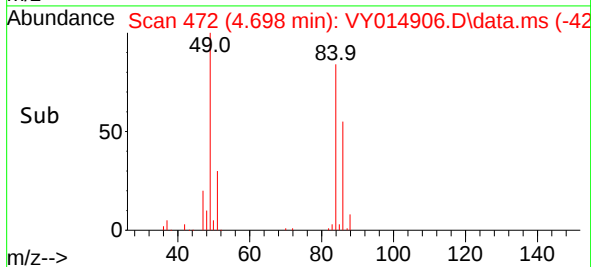
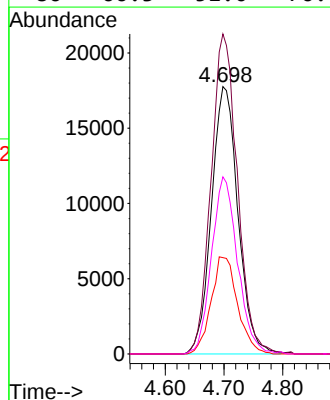
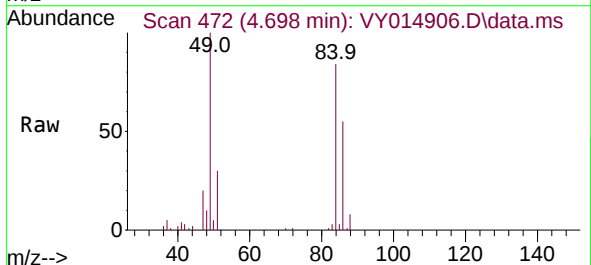
Manual Integrations
APPROVED

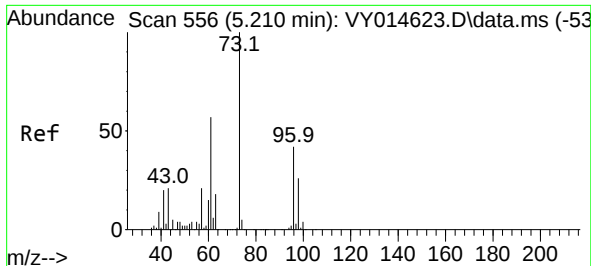
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 22.256 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

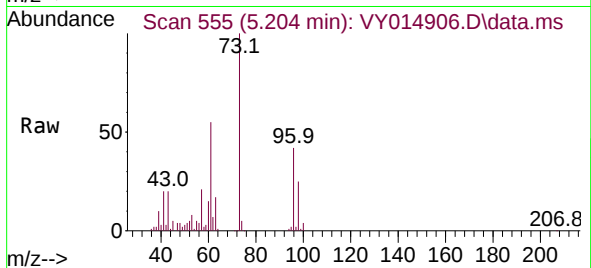
Tgt Ion: 84 Resp: 55794
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 36.0 33.2 49.8
86 66.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.246 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

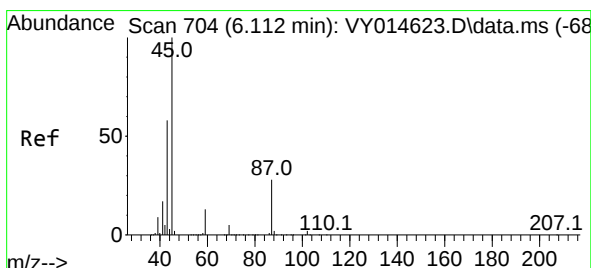
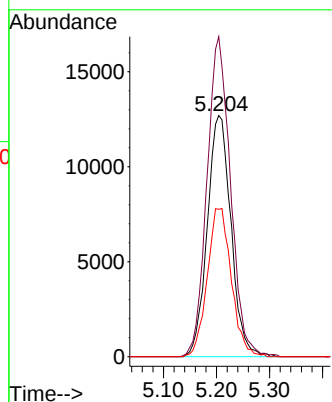
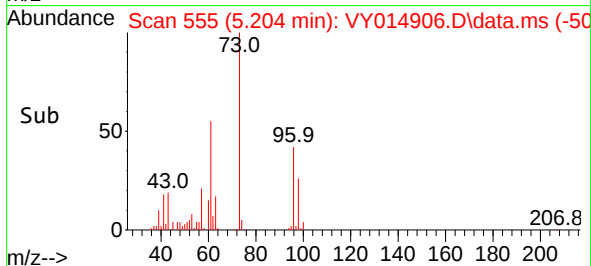
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



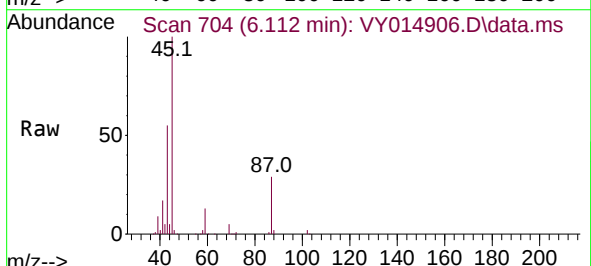
Tgt Ion: 96 Resp: 39425
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 61.1 51.8 77.6

Manual Integrations
APPROVED

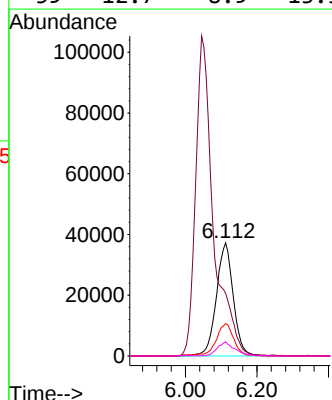
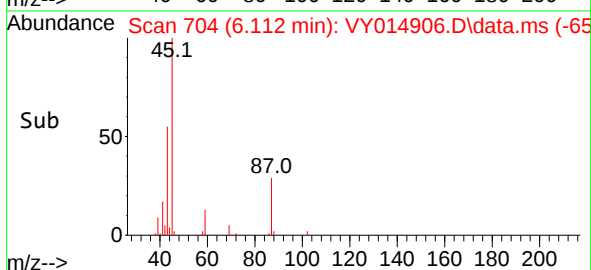
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
Diisopropyl ether
Concen: 17.756 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06



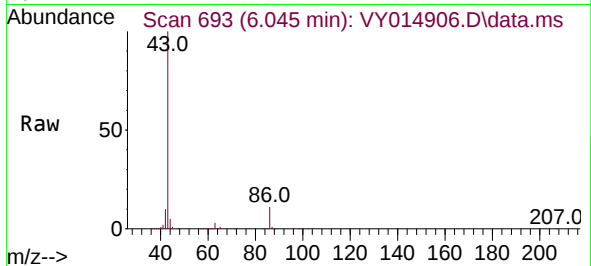
Tgt Ion: 45 Resp: 122040
Ion Ratio Lower Upper
45 100
43 55.0 52.2 78.4
87 28.6 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 88.225 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

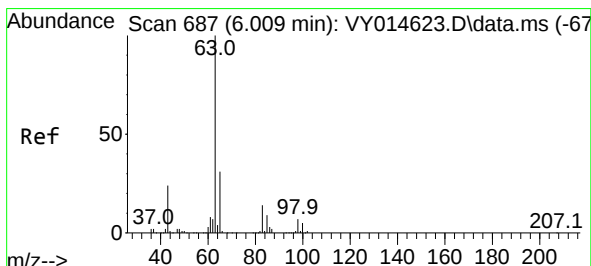
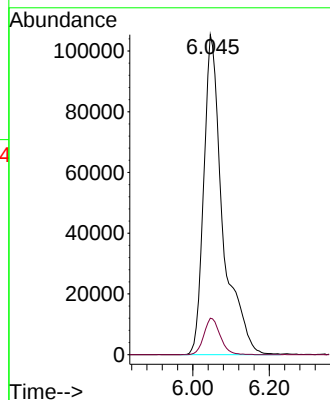
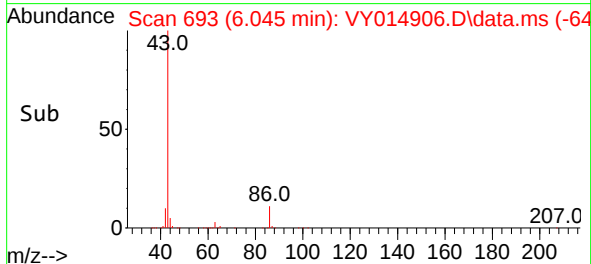
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04



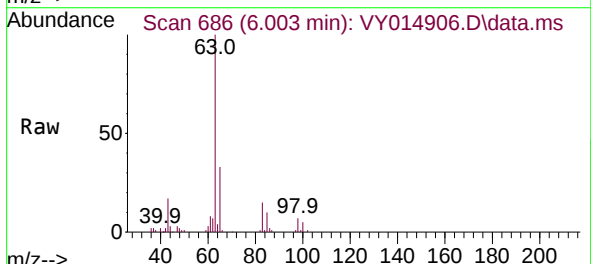
Tgt Ion: 43 Resp: 362879
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3

Manual Integrations
 APPROVED

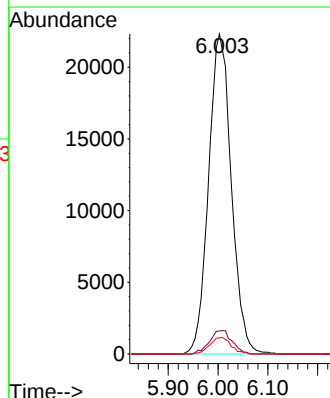
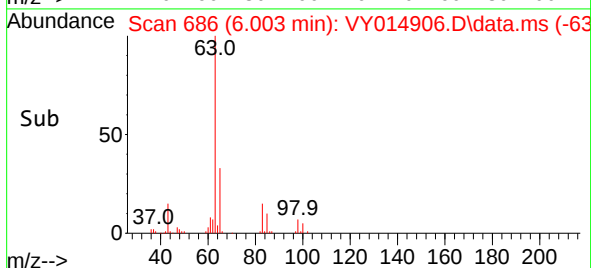
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#24
 1,1-Dichloroethane
 Concen: 17.987 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06



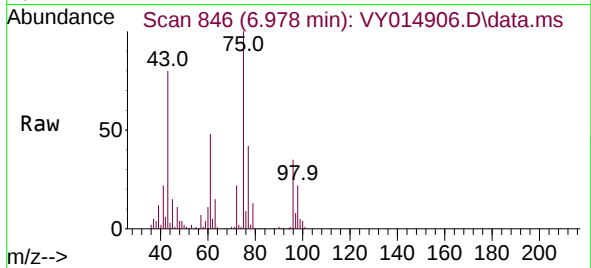
Tgt Ion: 63 Resp: 70739
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5





#25
2-Butanone
Concen: 103.284 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

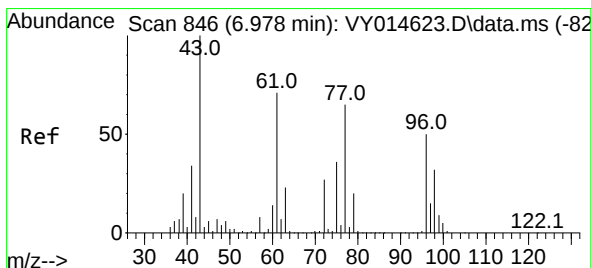
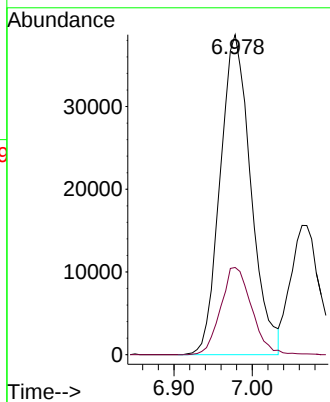
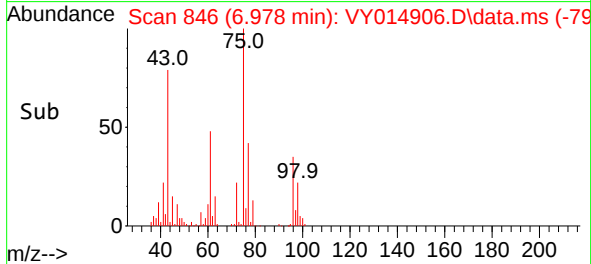
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 105500
Ion Ratio Lower Upper
43 100
72 27.2 20.5 30.7

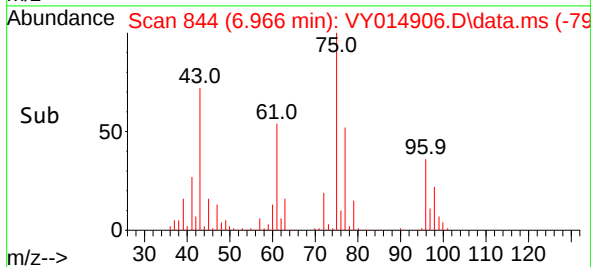
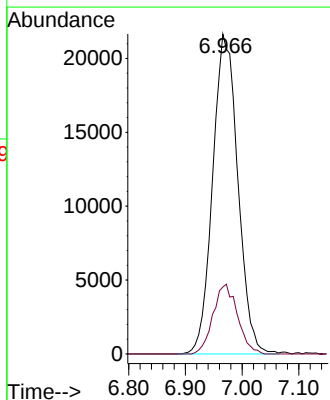
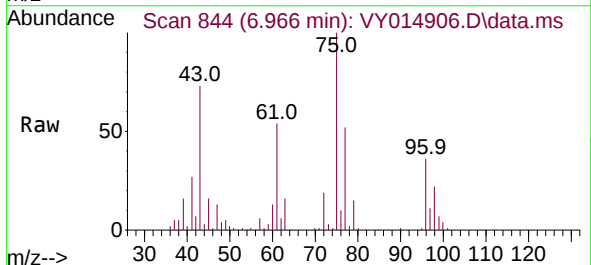
Manual Integrations
APPROVED

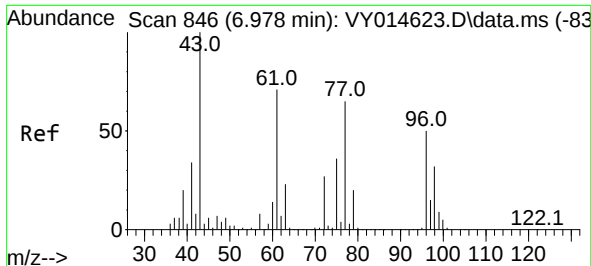
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
2,2-Dichloropropane
Concen: 17.822 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 77 Resp: 66800
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.569 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

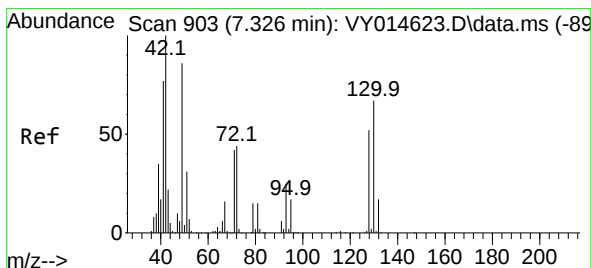
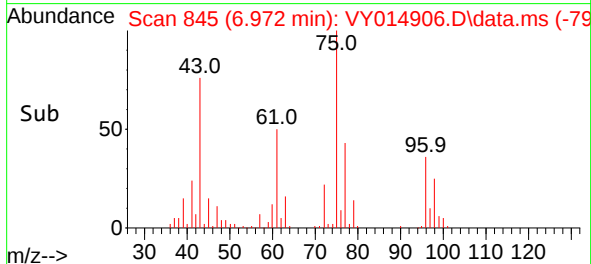
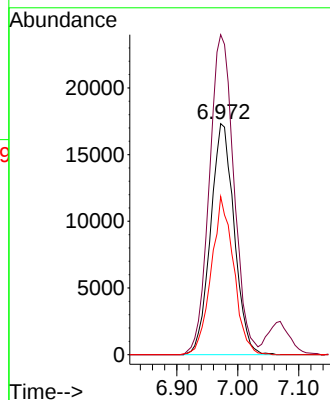
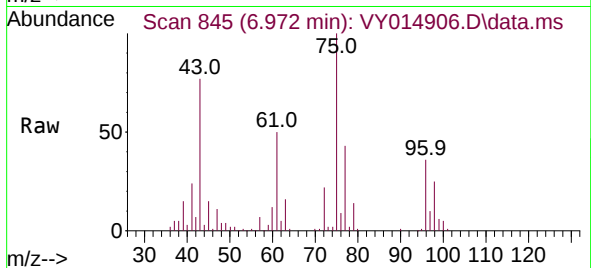
Tgt Ion: 96	Resp: 4670
Ion Ratio	Lower Upper
96 100	
61 143.8	0.0 301.4
98 65.0	0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

Bromochloromethane

Concen: 20.231 ug/l

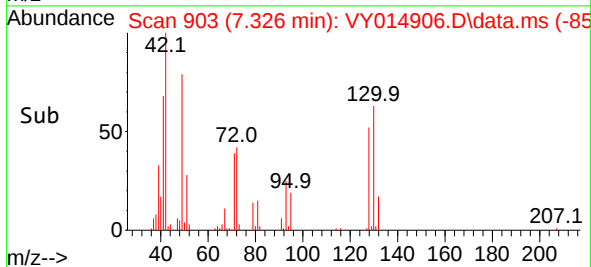
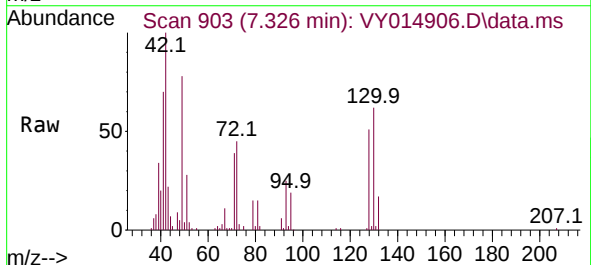
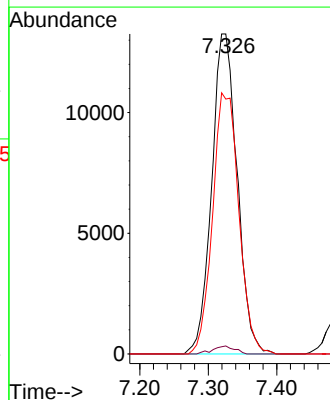
RT: 7.326 min Scan# 903

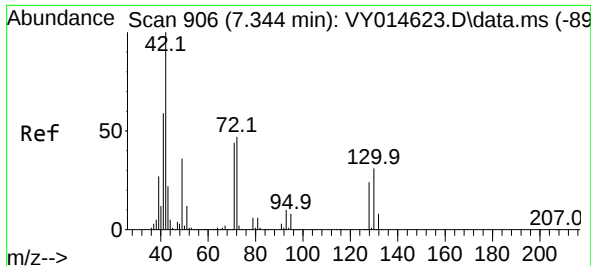
Delta R.T. -0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Tgt Ion: 49	Resp: 34267
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.6
130 83.8	60.7 91.1





#29

Tetrahydrofuran

Concen: 103.227 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

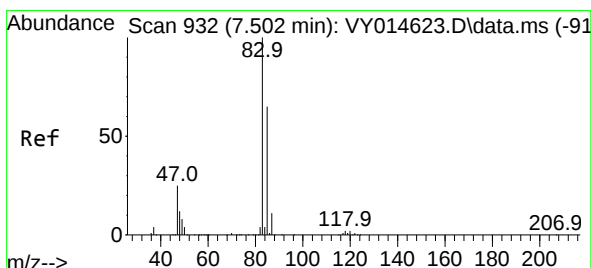
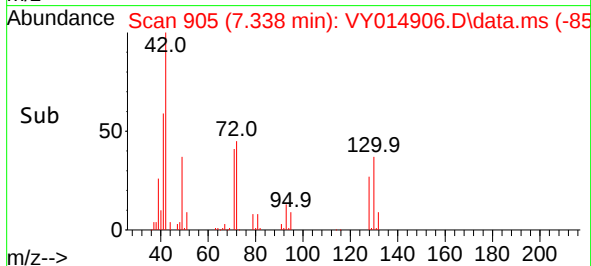
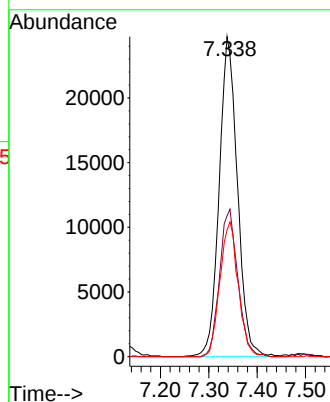
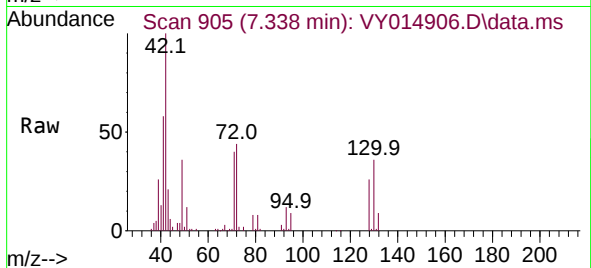
Tgt Ion:	42	Resp:	64920
Ion Ratio	Lower	Upper	
42	100		
72	46.1	32.8	49.2
71	42.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 18.719 ug/l

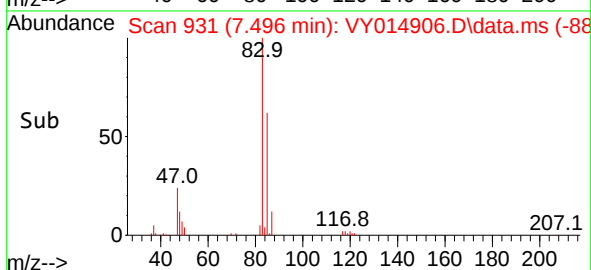
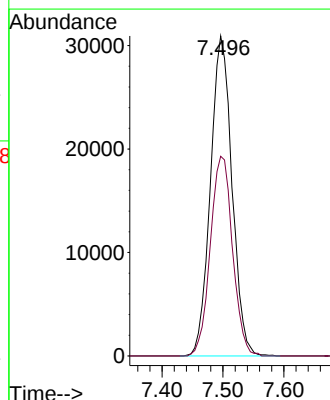
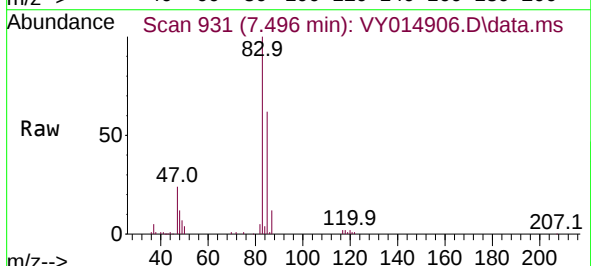
RT: 7.496 min Scan# 931

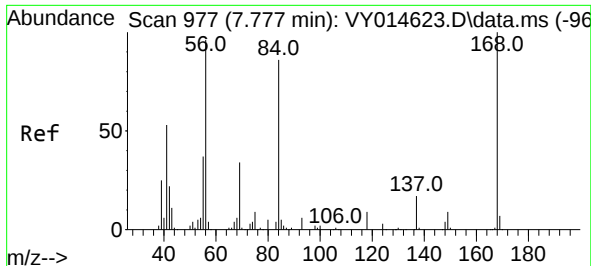
Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

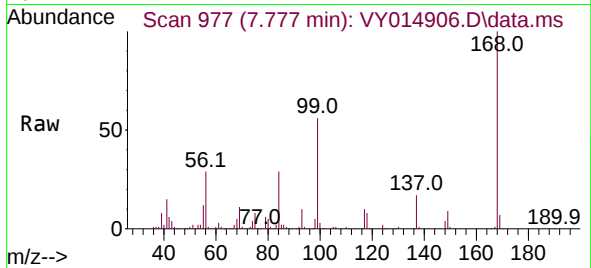
Tgt Ion:	83	Resp:	75913
Ion Ratio	Lower	Upper	
83	100		
85	62.4	49.7	74.5





#31
Cyclohexane
Concen: 16.125 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

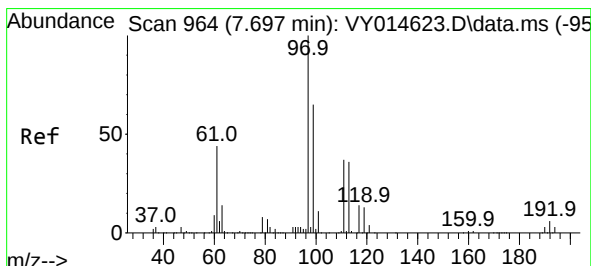
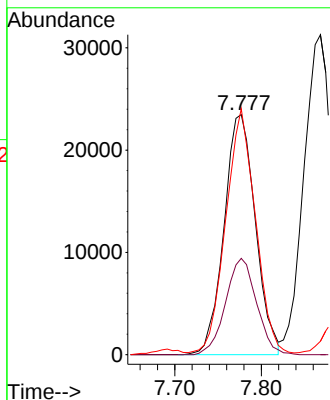
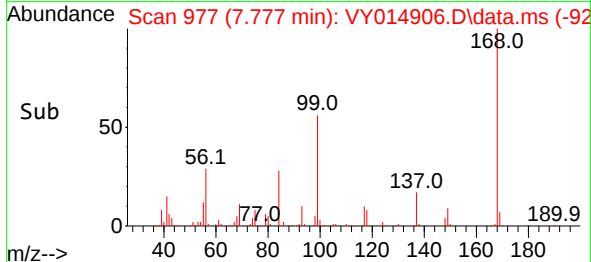
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 56 Resp: 58970
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 100.6 66.4 99.6

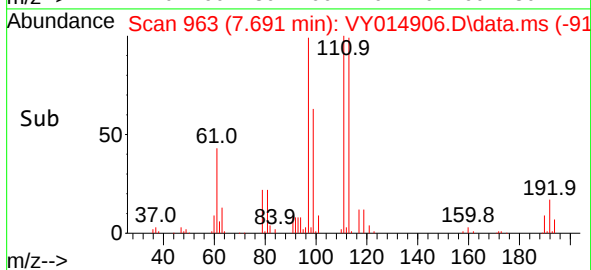
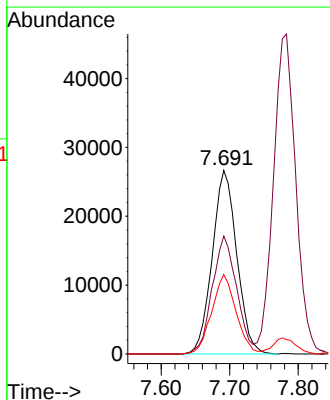
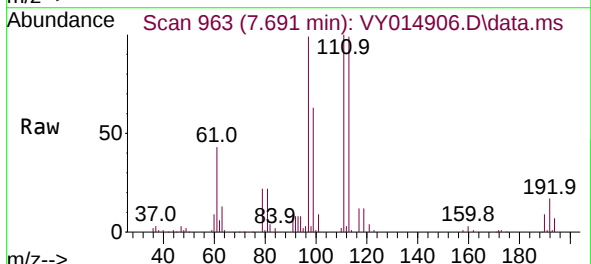
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 18.127 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

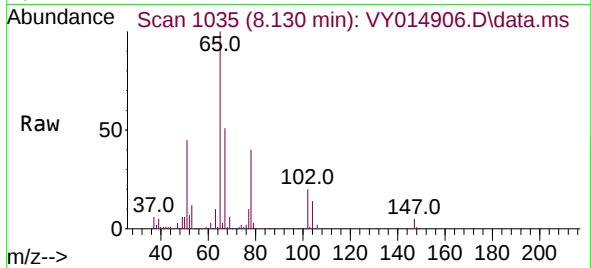
Tgt Ion: 97 Resp: 66163
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.7 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 58.528 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

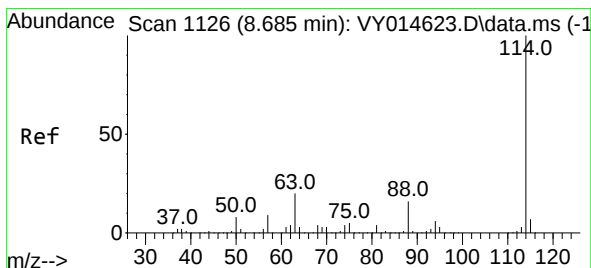
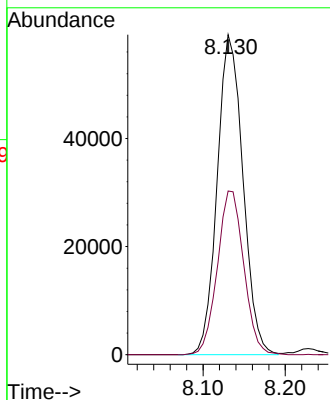
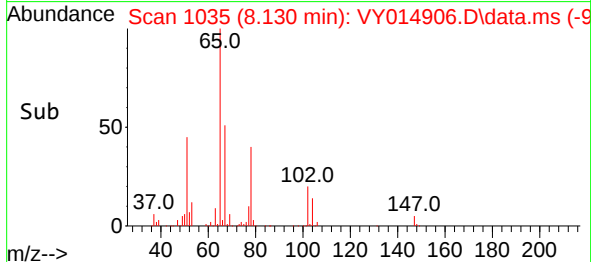
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 65 Resp: 128954
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

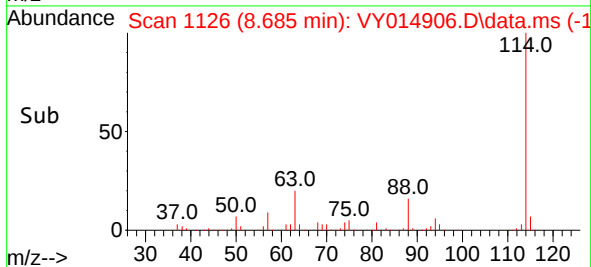
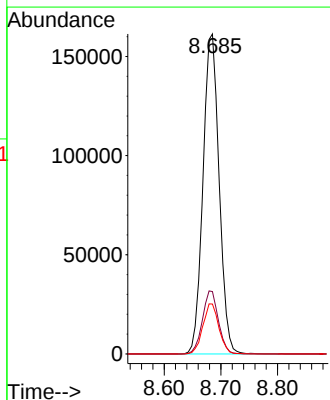
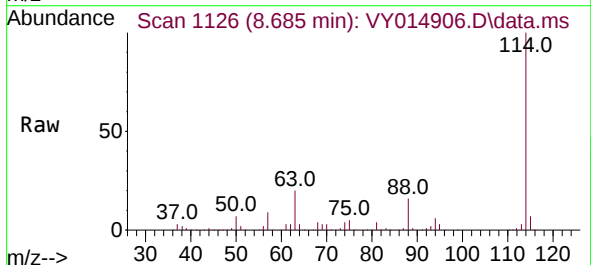
Manual Integrations
APPROVED

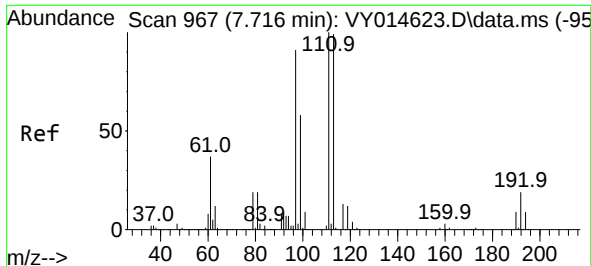
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

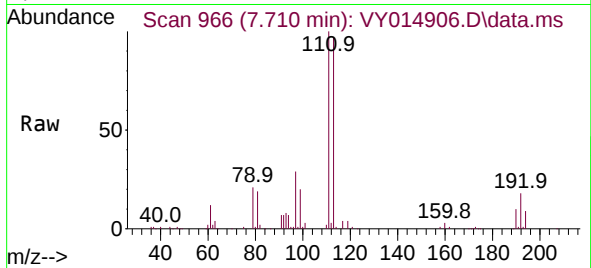
Tgt Ion:114 Resp: 319055
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.350 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

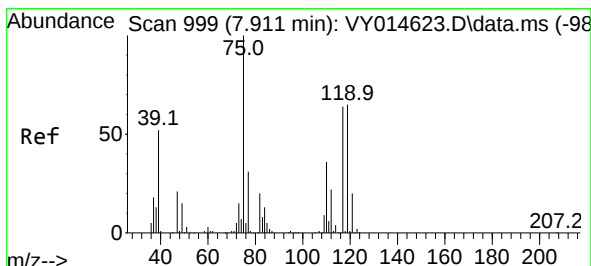
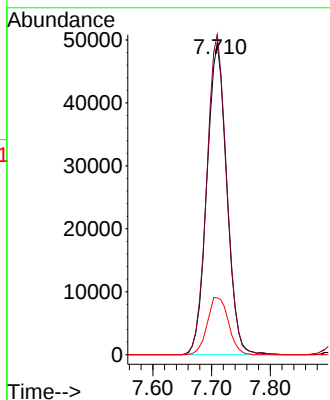
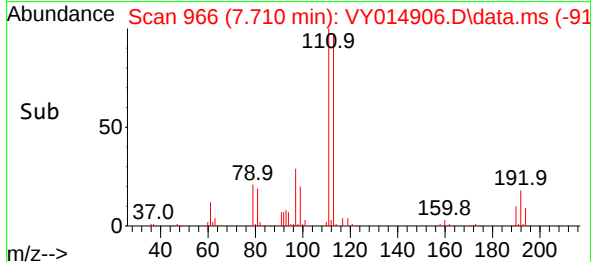
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:113 Resp: 116480
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.5 16.9 25.3

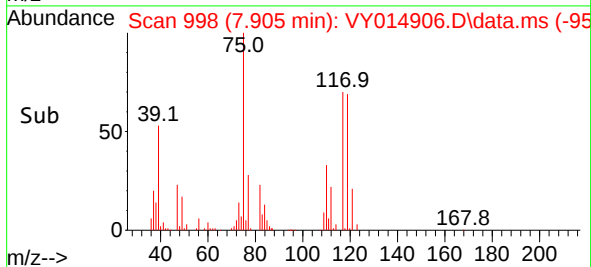
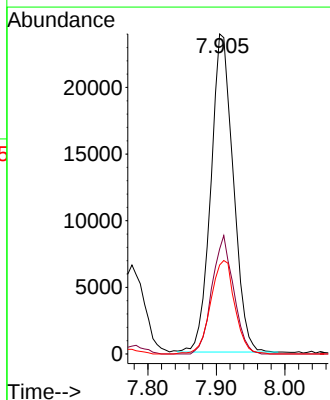
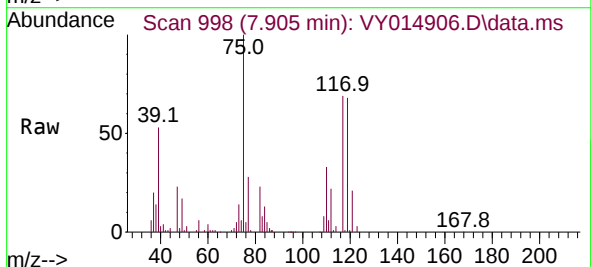
Manual Integrations
APPROVED

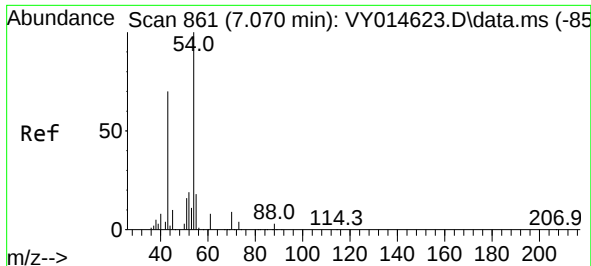
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,1-Dichloropropene
Concen: 17.839 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 75 Resp: 54184
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.5 24.4 36.6





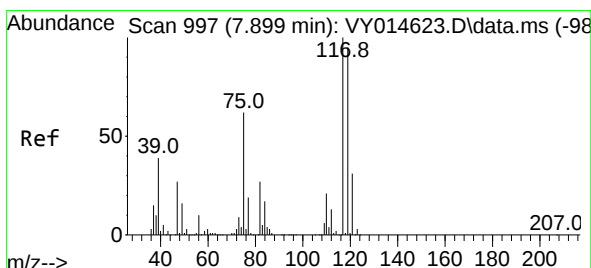
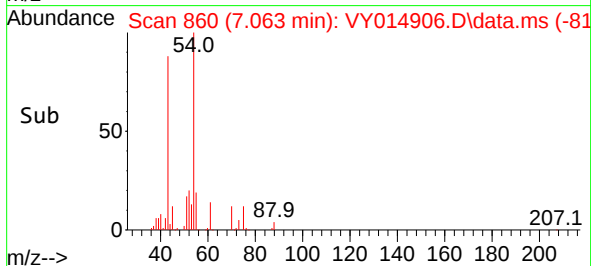
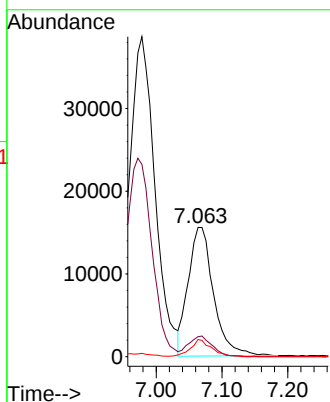
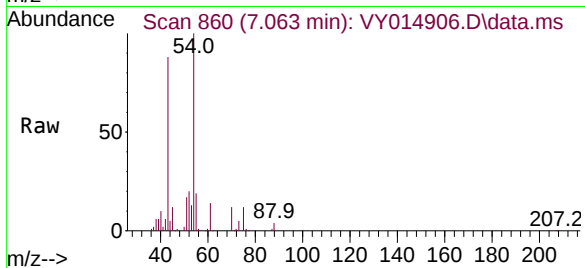
#37
Ethyl Acetate
Concen: 19.858 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 43 Resp: 41528
Ion Ratio Lower Upper
43 100
61 15.3 10.1 15.1
70 11.0 7.1 10.7

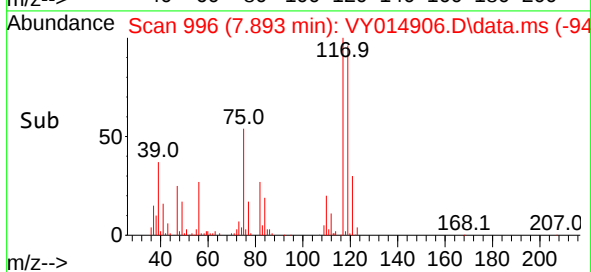
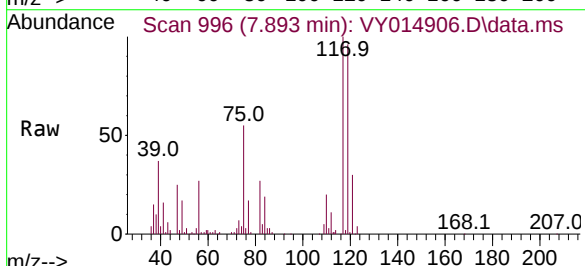
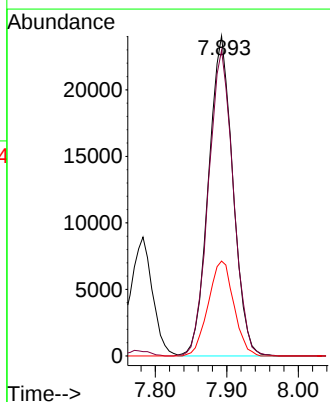
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
Carbon Tetrachloride
Concen: 17.720 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:117 Resp: 56893
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 16.518 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 83 Resp: 6536

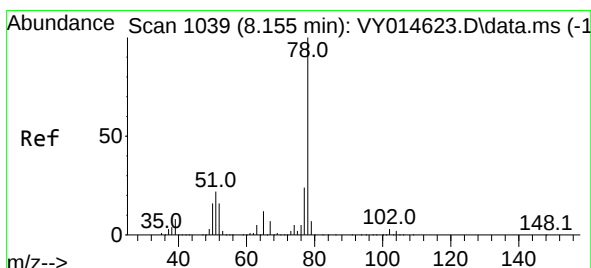
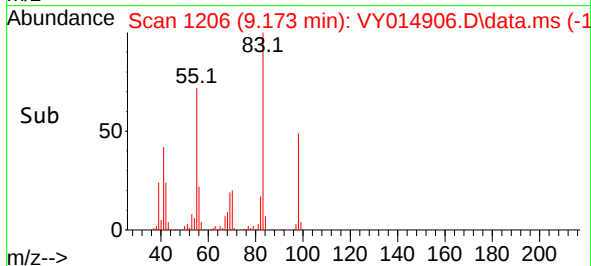
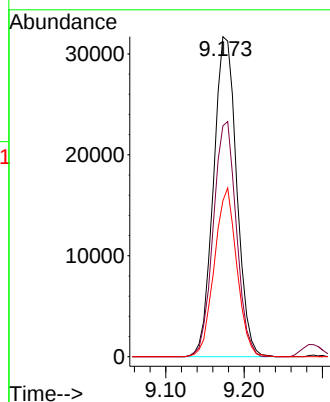
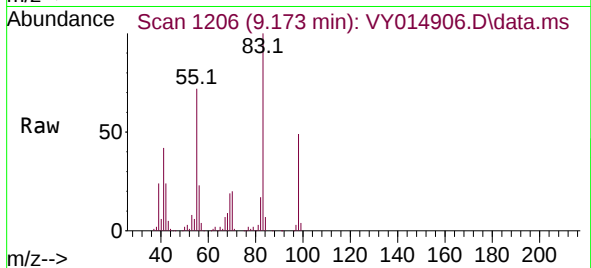
Ion	Ratio	Lower	Upper
83	100		
55	72.1	63.0	94.4
98	48.8	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 18.342 ug/l

RT: 8.149 min Scan# 1038

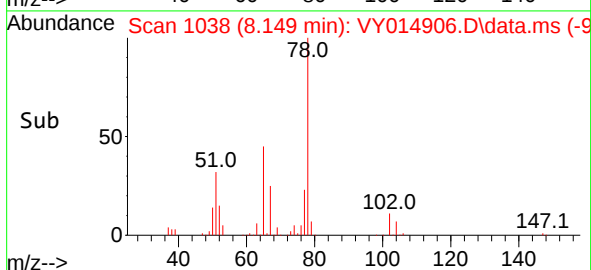
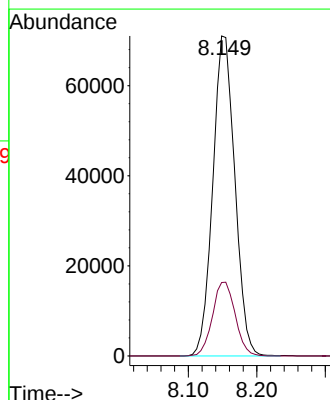
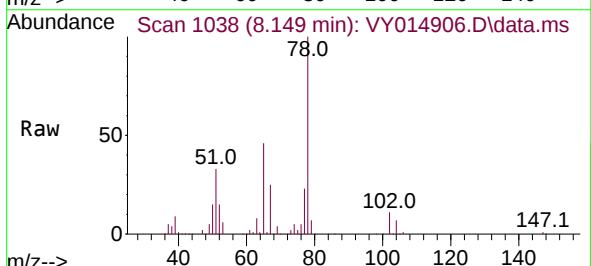
Delta R.T. -0.006 min

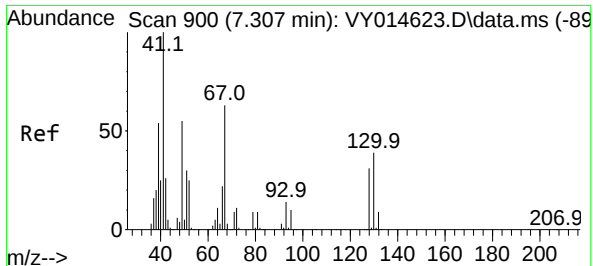
Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Tgt Ion: 78 Resp: 158442

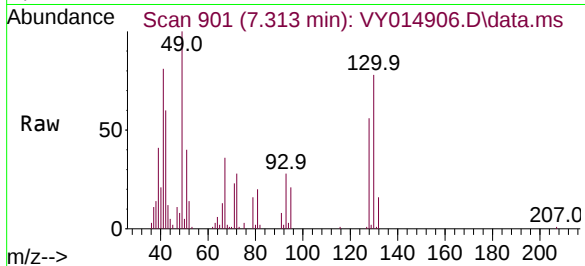
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





#41
Methacrylonitrile
Concen: 20.225 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

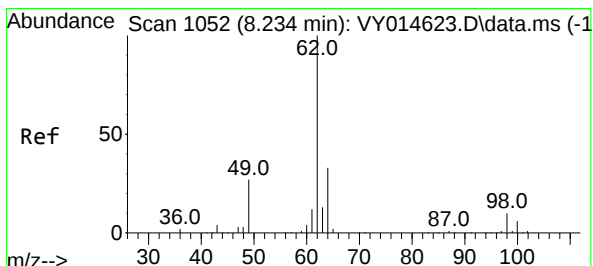
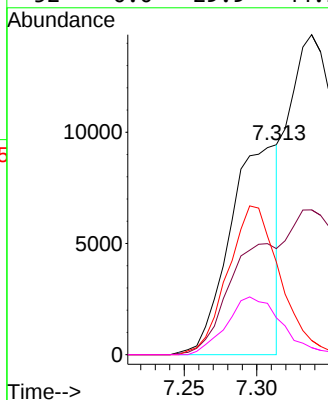
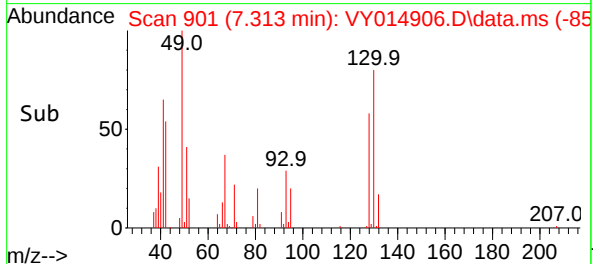
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 41 Resp: 21754
Ion Ratio Lower Upper
41 100
39 135.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

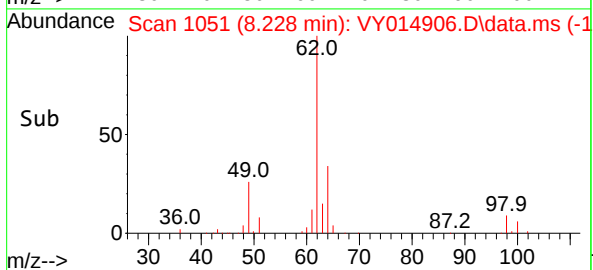
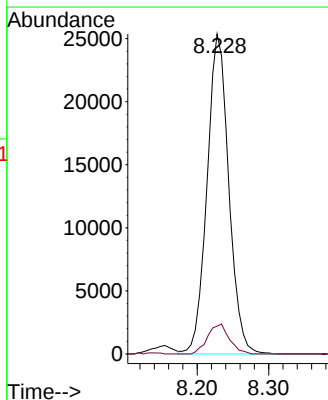
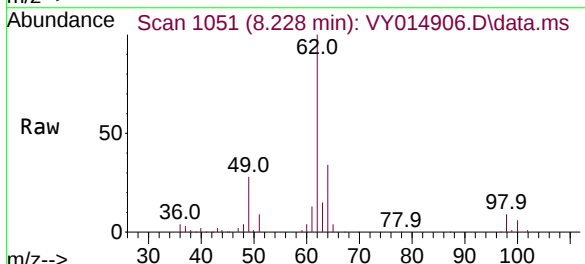
Manual Integrations
APPROVED

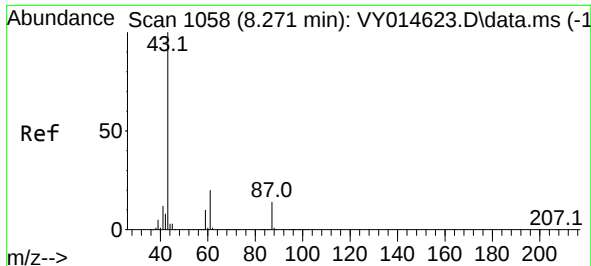
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 19.566 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

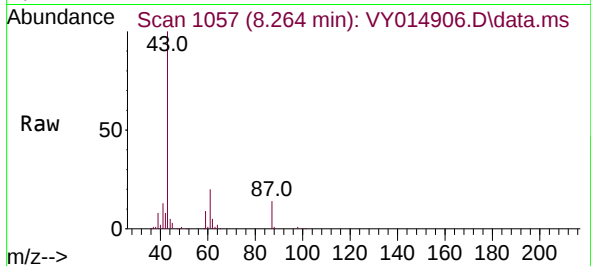
Tgt Ion: 62 Resp: 53523
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.740 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

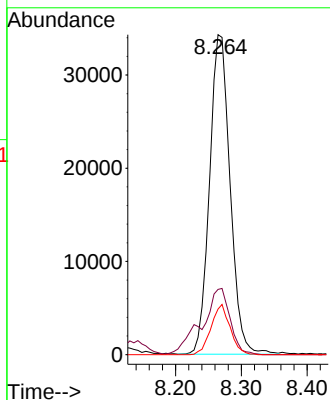
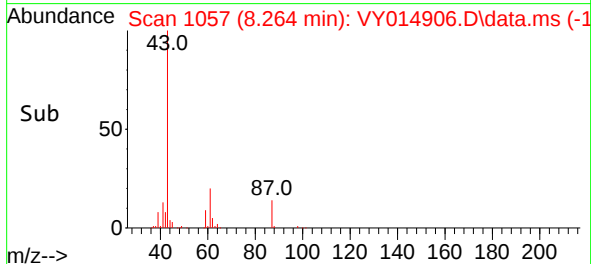
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 74652
Ion Ratio Lower Upper
43 100
61 28.5 21.1 31.7
87 14.5 9.8 14.8

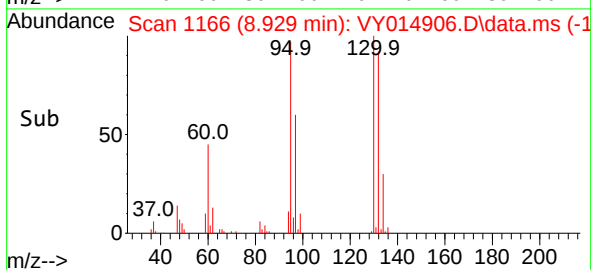
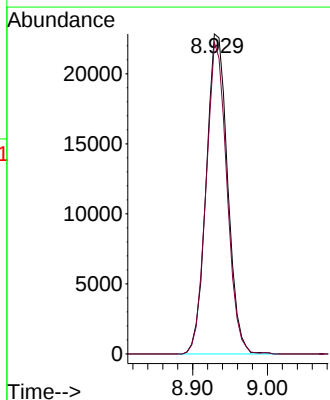
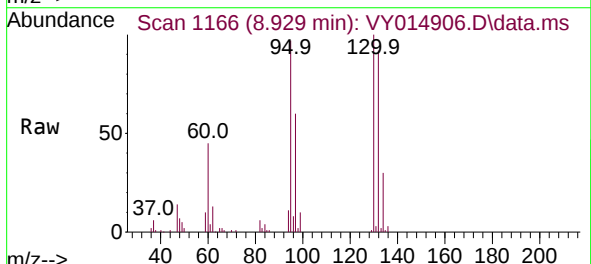
Manual Integrations
APPROVED

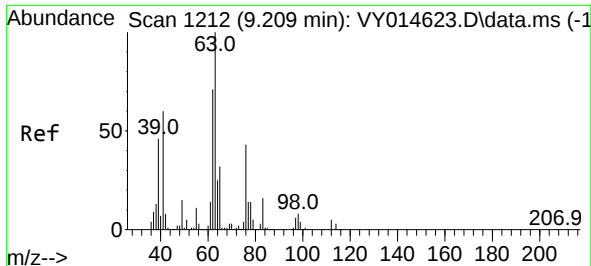
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 18.792 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:130 Resp: 45418
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.030 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 63 Resp: 40670

Ion Ratio Lower Upper

63 100

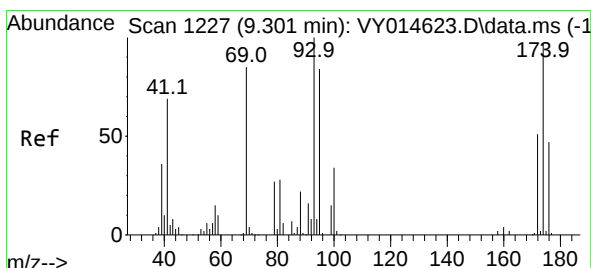
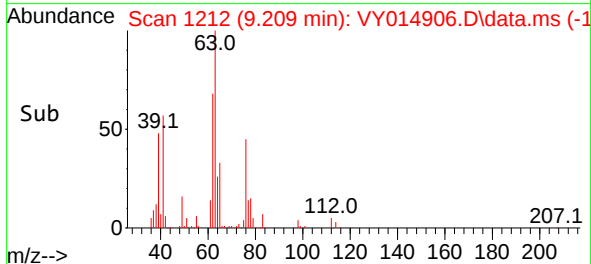
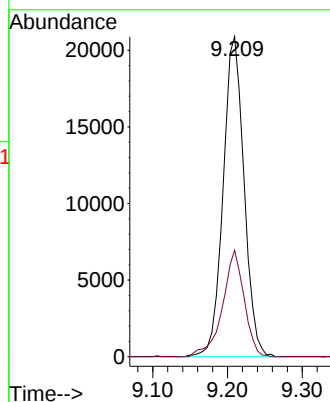
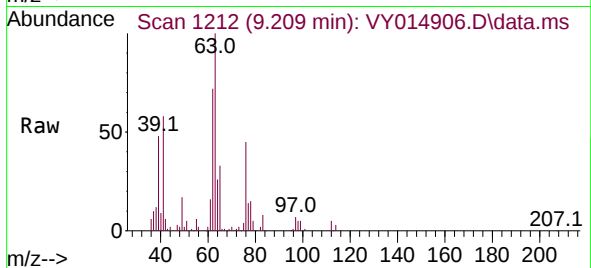
65 33.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 19.317 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

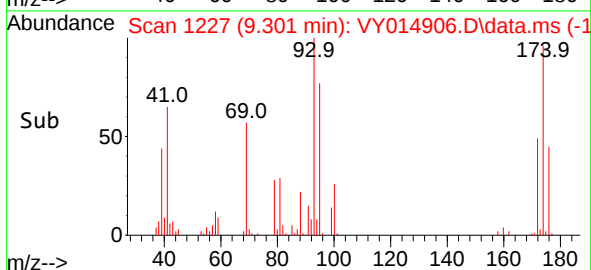
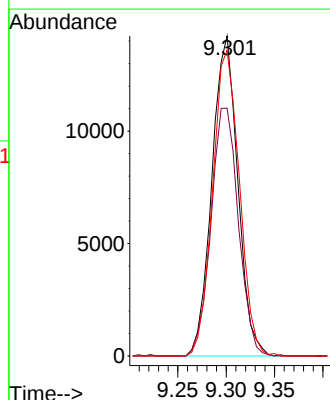
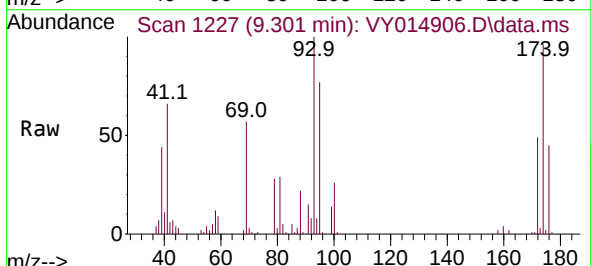
Tgt Ion: 93 Resp: 26433

Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 98.8 84.8 127.2





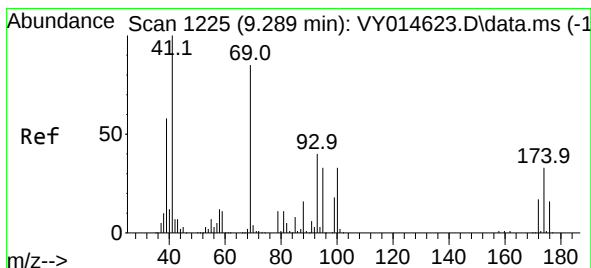
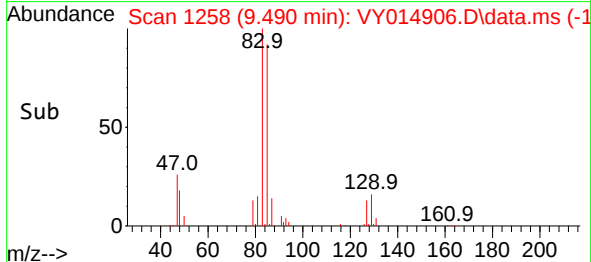
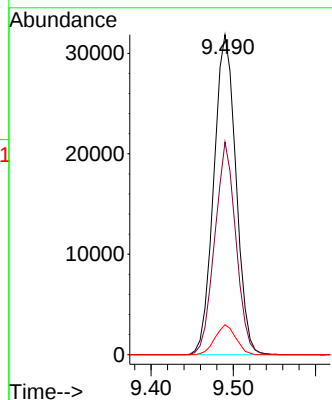
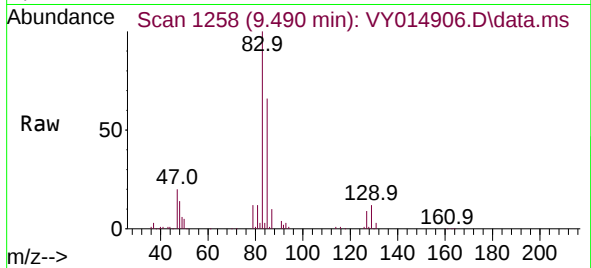
#47
Bromodichloromethane
Concen: 18.484 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 83 Resp: 59614
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.4 7.1 10.7

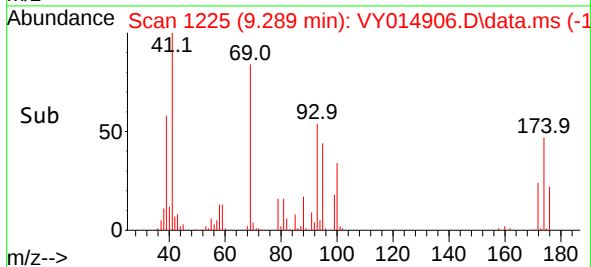
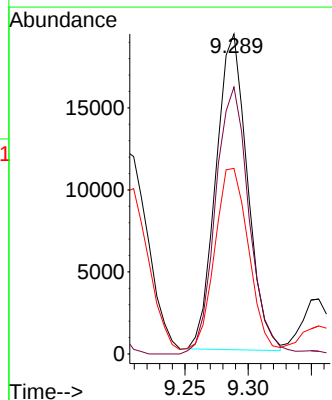
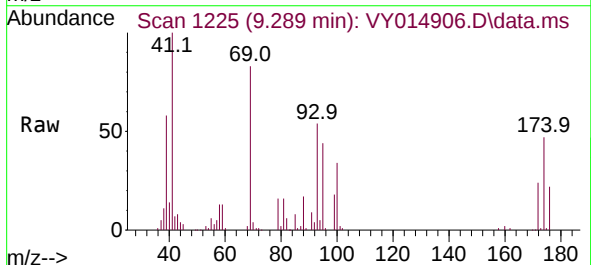
Manual Integrations
APPROVED

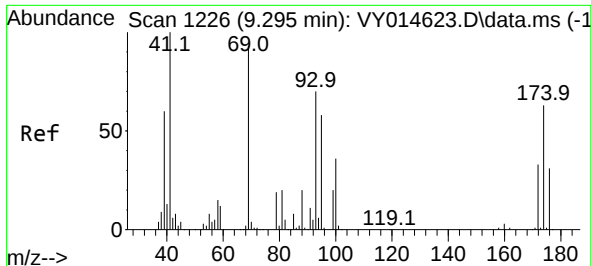
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 18.602 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 41 Resp: 33343
Ion Ratio Lower Upper
41 100
69 90.8 64.5 96.7
39 63.7 50.8 76.2





#49

1,4-Dioxane

Concen: 413.705 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

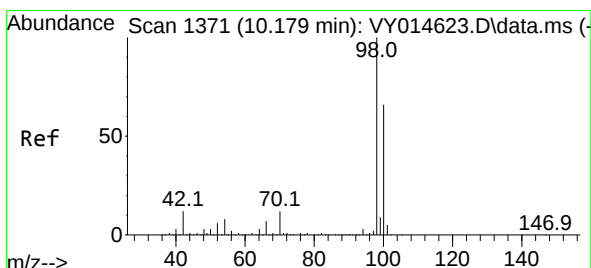
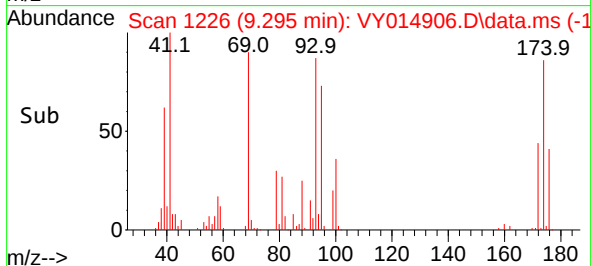
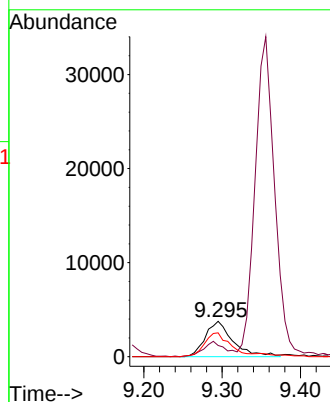
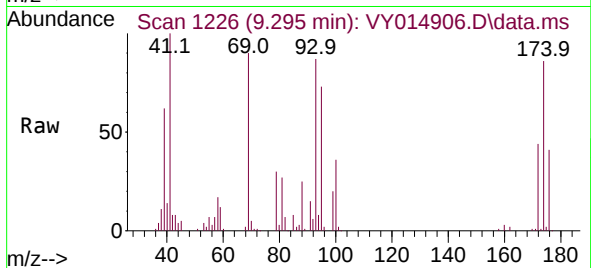
Tgt Ion: 88 Resp: 923
 Ion Ratio Lower Upper
 88 100
 43 34.9 0.0 0.0
 58 62.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 56.000 ug/l

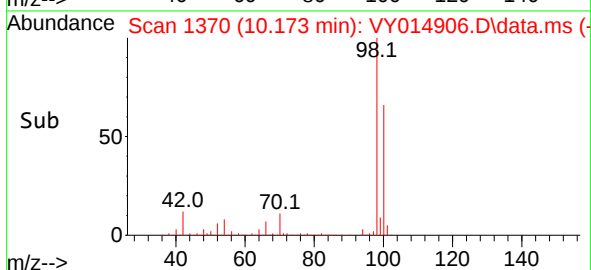
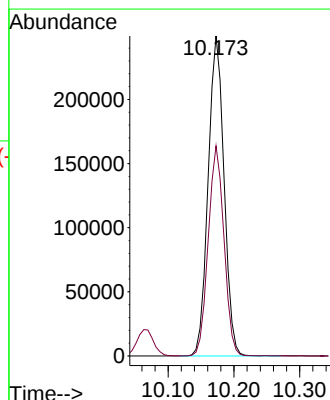
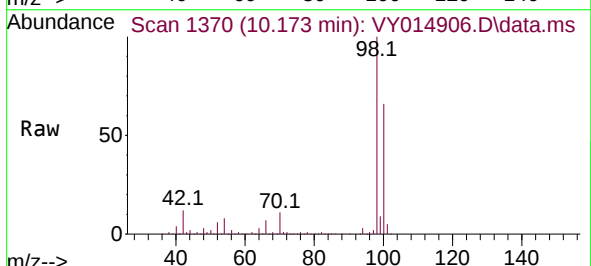
RT: 10.173 min Scan# 1370

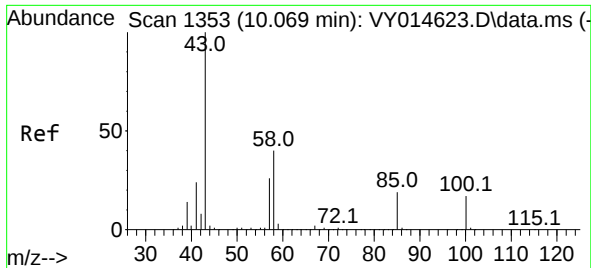
Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

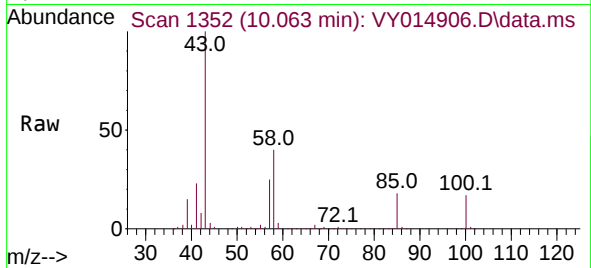
Tgt Ion: 98 Resp: 419323
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 102.780 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

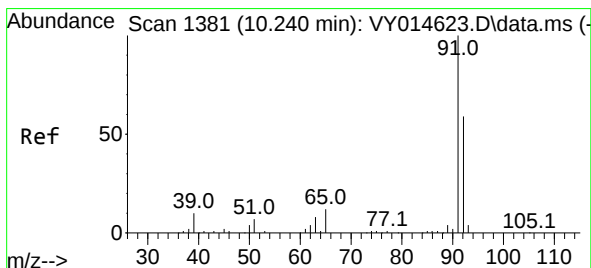
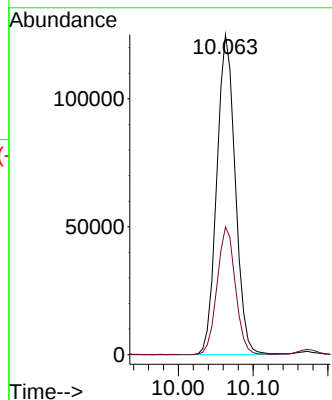
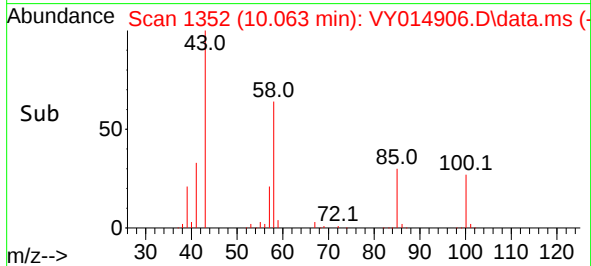
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 214969
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6

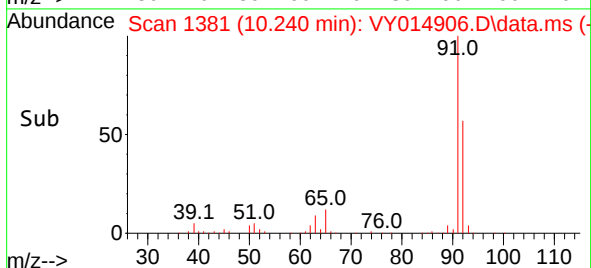
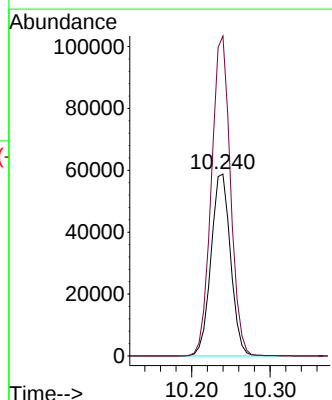
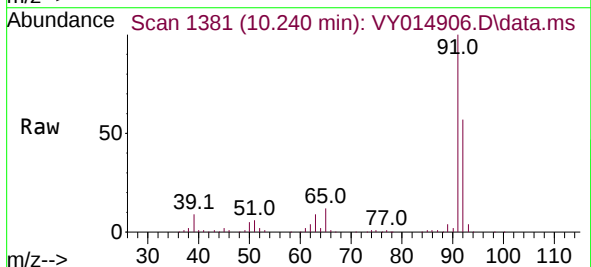
Manual Integrations
APPROVED

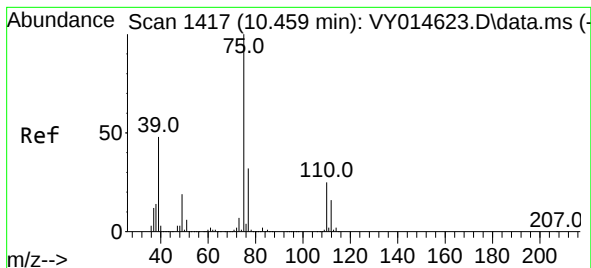
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 18.420 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 92 Resp: 101820
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6





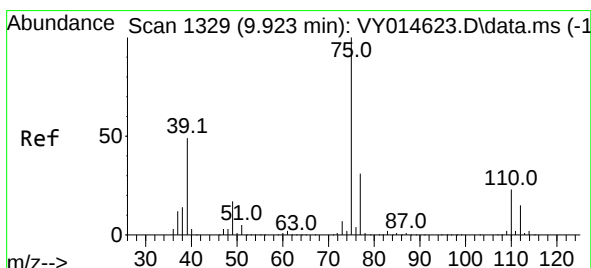
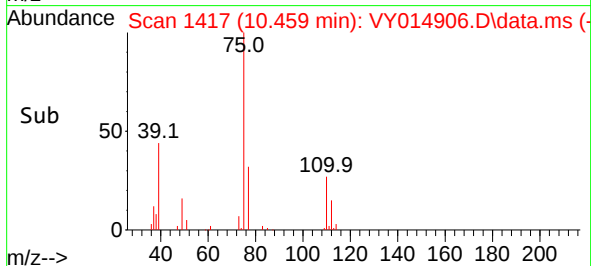
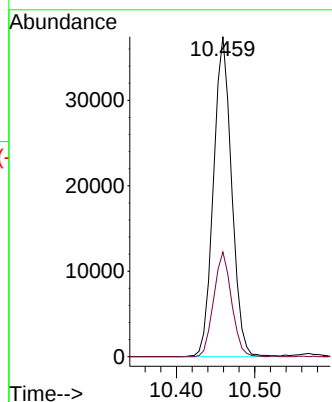
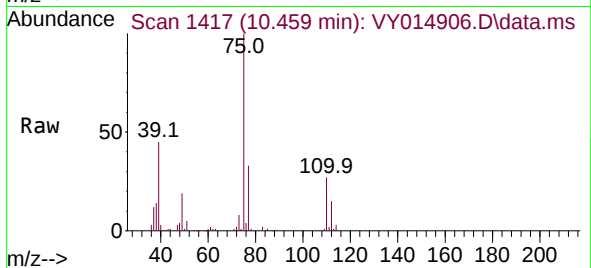
#53
t-1,3-Dichloropropene
Concen: 17.118 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 75 Resp: 60389
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4

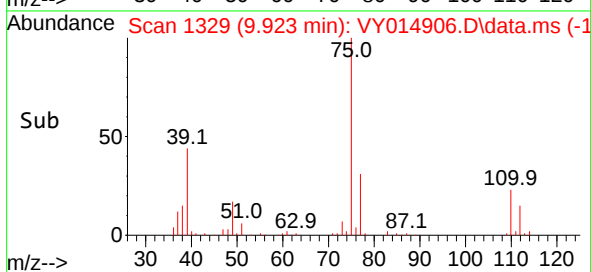
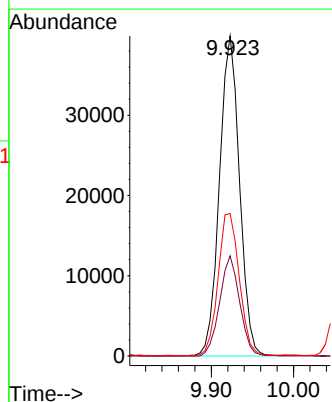
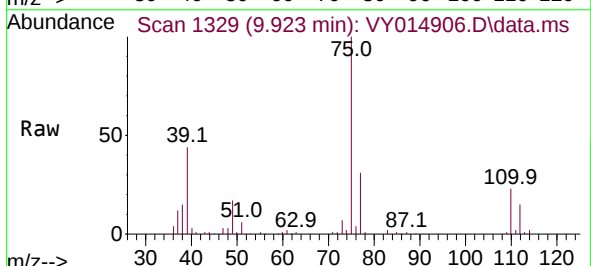
Manual Integrations
APPROVED

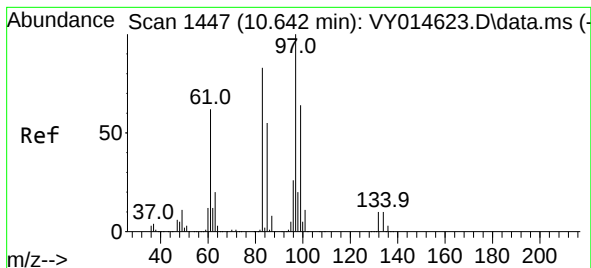
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 17.618 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

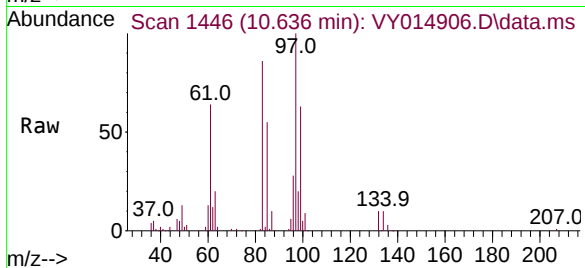
Tgt Ion: 75 Resp: 67588
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 44.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.579 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

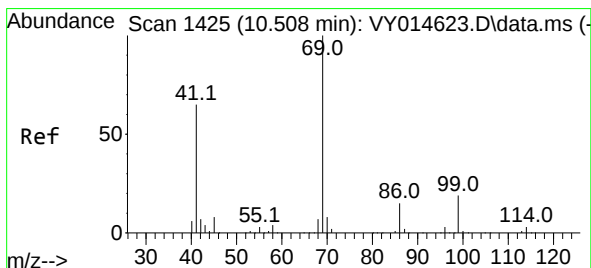
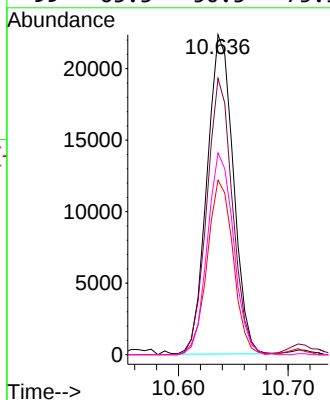
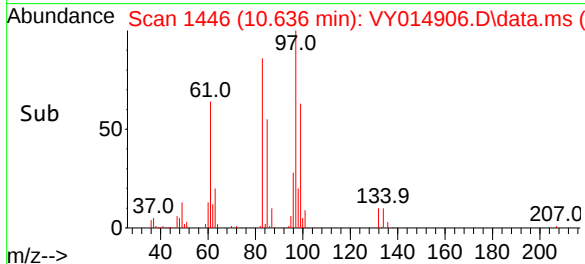
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



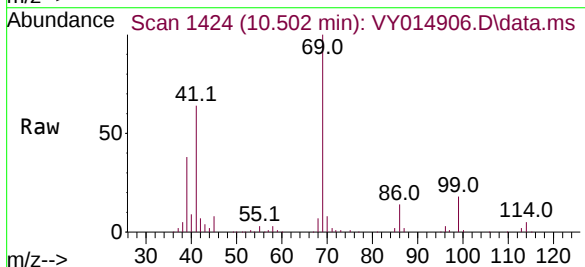
Tgt Ion:	97	Resp:	3732
Ion Ratio	100	Lower	Upper
83	86.6	72.0	108.0
85	54.7	45.4	68.0
99	63.3	50.3	75.5

Manual Integrations
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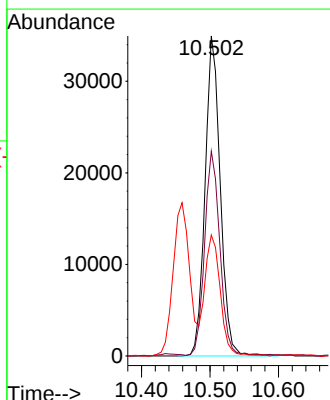
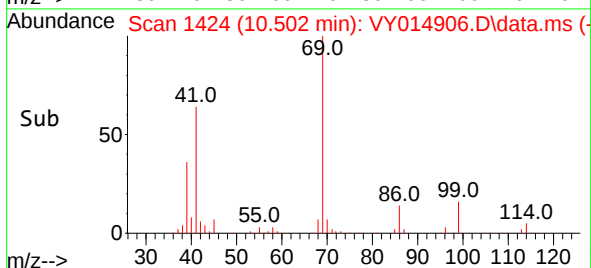
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

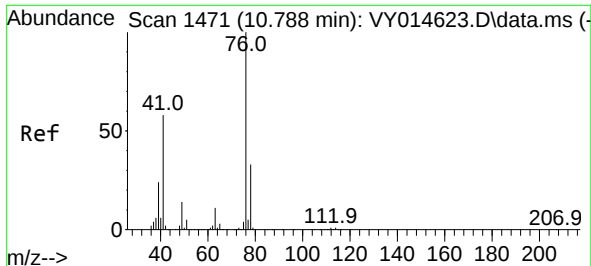


#56
Ethyl methacrylate
Concen: 18.582 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06



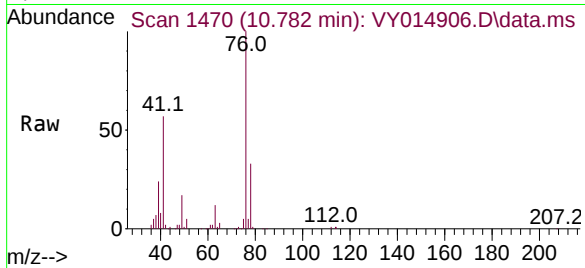
Tgt Ion:	69	Resp:	54081
Ion Ratio	100	Lower	Upper
41	63.7	57.6	86.4
39	37.1	34.1	51.1





#57
1,3-Dichloropropane
Concen: 19.001 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

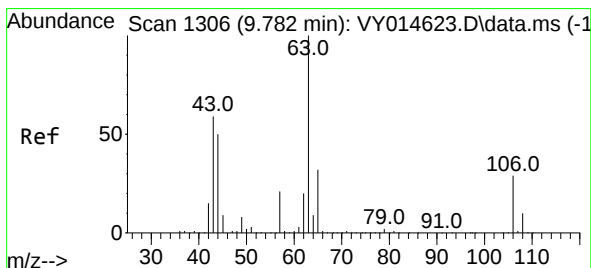
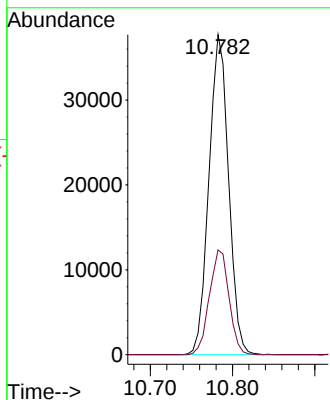
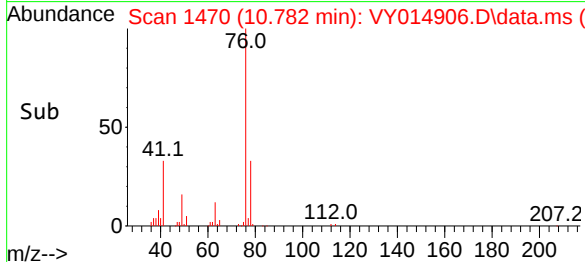
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 76 Resp: 62468
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

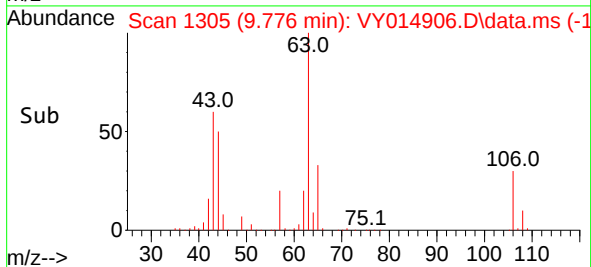
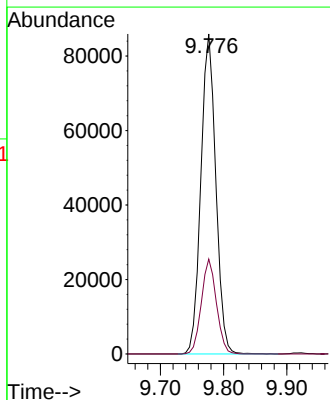
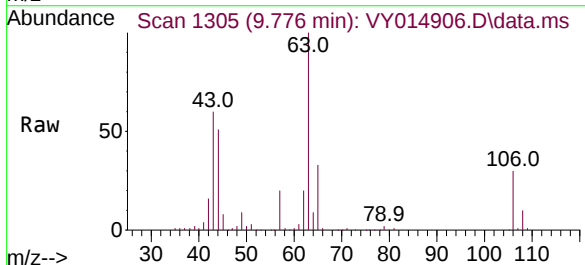
Manual Integrations
APPROVED

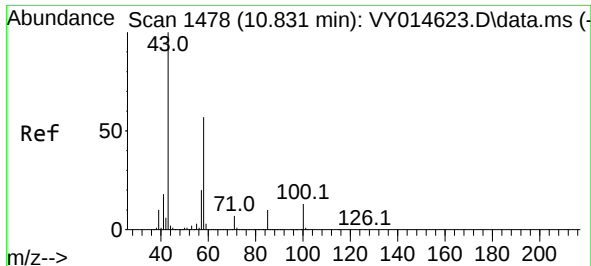
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 104.208 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 63 Resp: 141312
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8





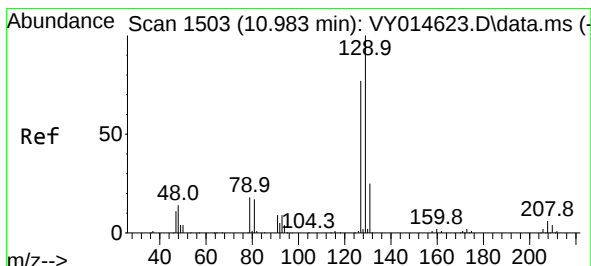
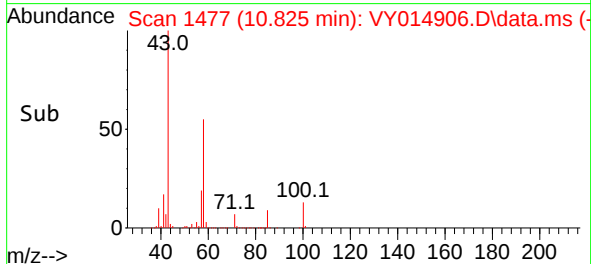
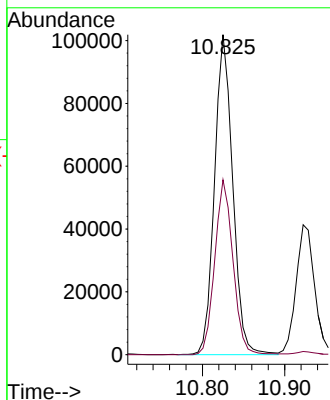
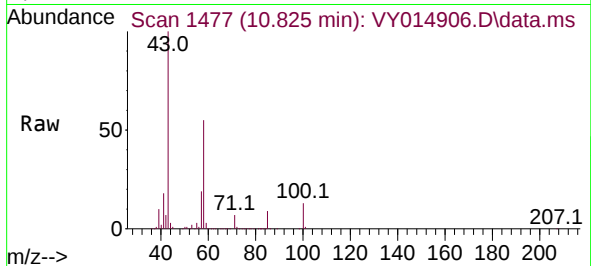
#59
2-Hexanone
Concen: 102.906 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 43 Resp: 156959
Ion Ratio Lower Upper
43 100
58 54.7 25.1 75.3

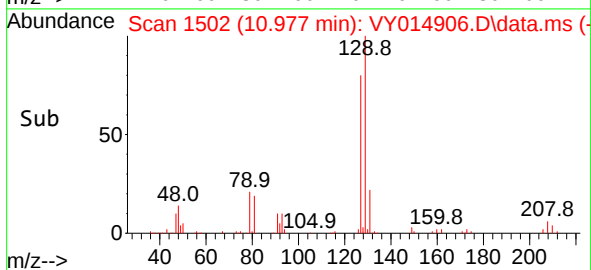
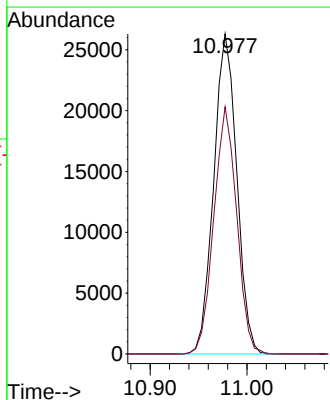
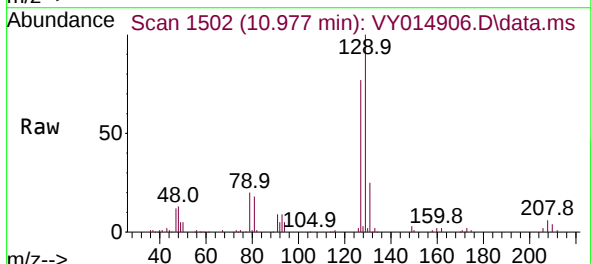
Manual Integrations
APPROVED

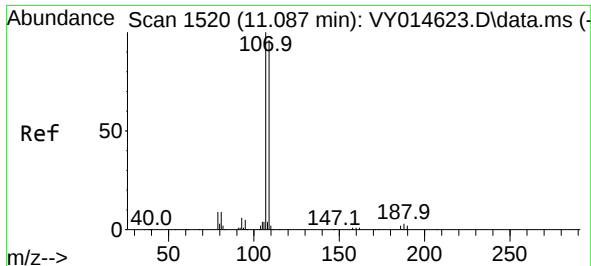
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 18.650 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:129 Resp: 43586
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





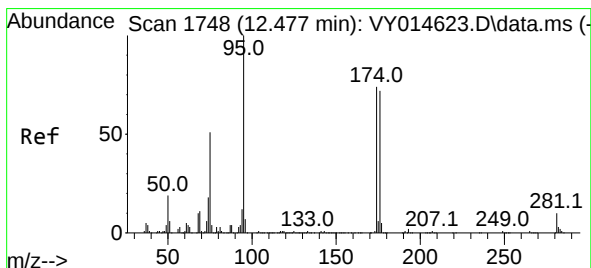
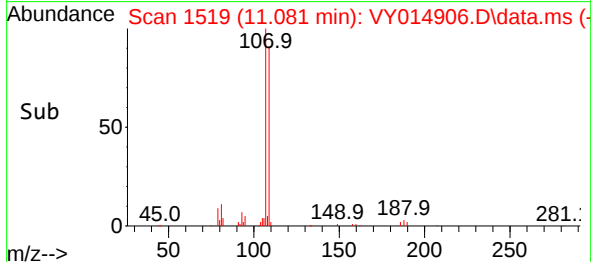
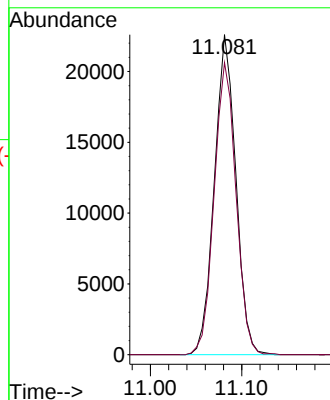
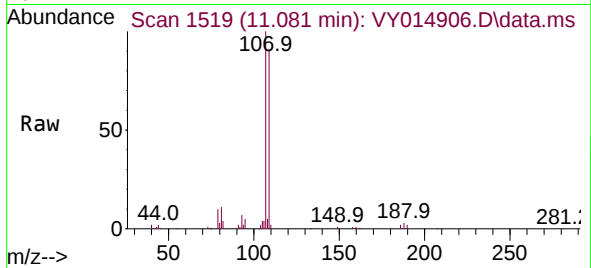
#61
1,2-Dibromoethane
Concen: 19.376 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:107 Resp: 3684
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

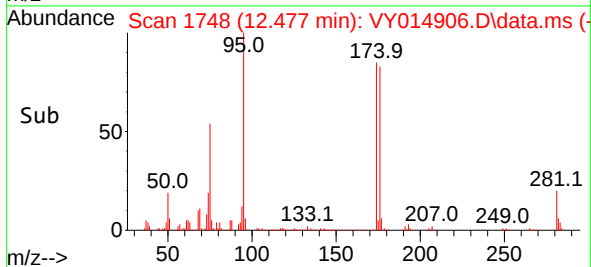
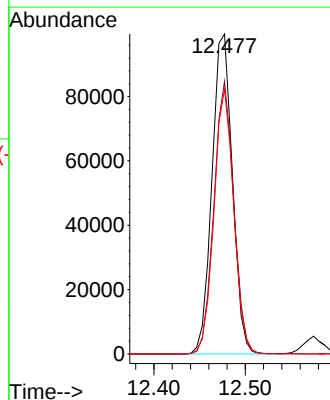
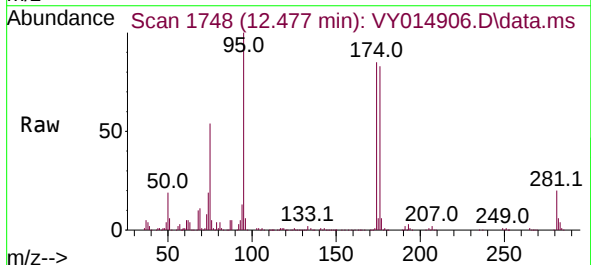
Manual Integrations
APPROVED

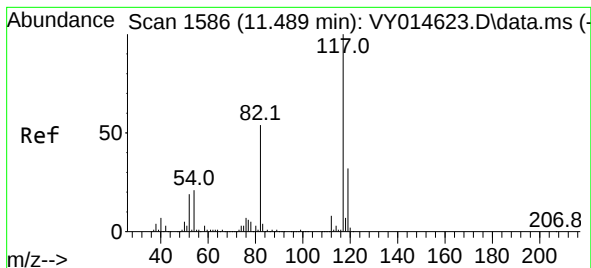
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 53.925 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

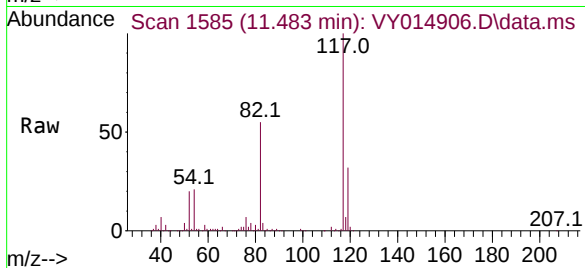
Tgt Ion: 95 Resp: 154827
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 80.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

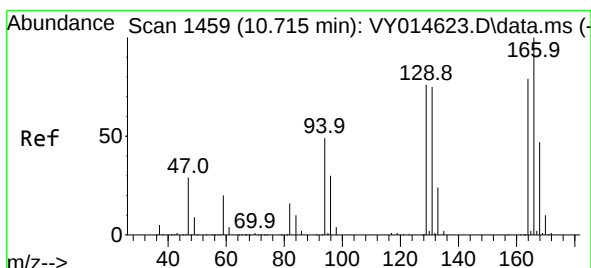
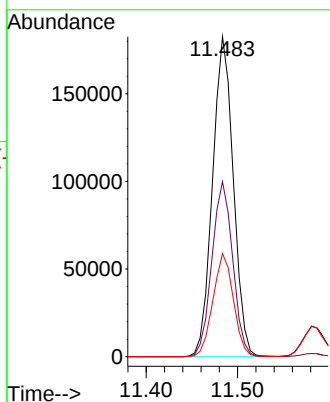
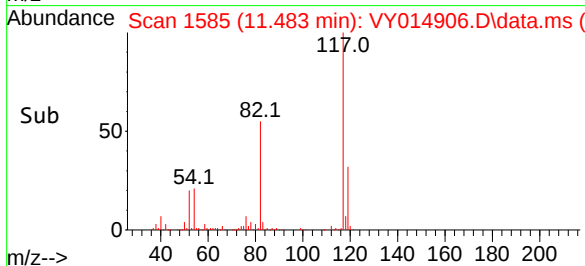
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



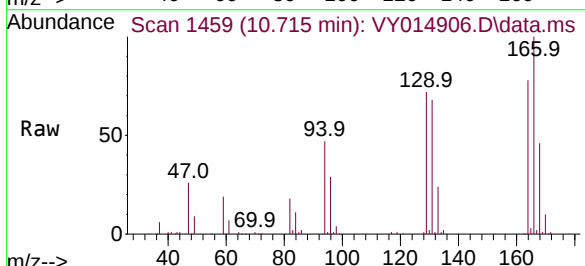
Tgt Ion:117 Resp: 288436
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.2 26.3 39.5

Manual Integrations
APPROVED

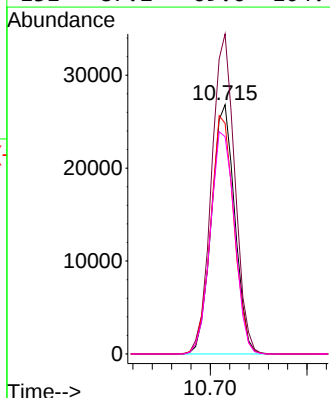
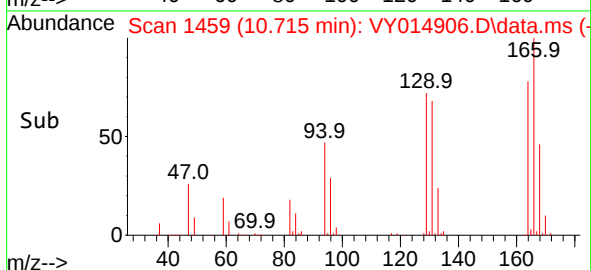
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

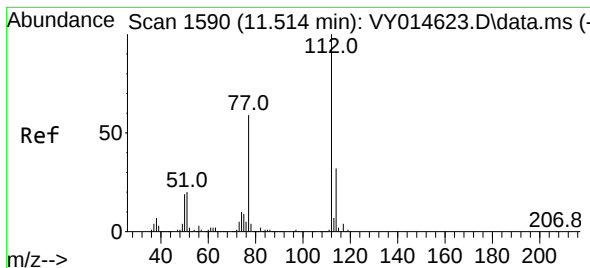


#64
Tetrachloroethene
Concen: 19.302 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06



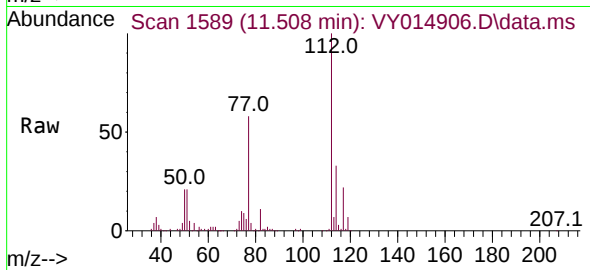
Tgt Ion:164 Resp: 44777
Ion Ratio Lower Upper
164 100
166 128.4 103.0 154.6
129 92.6 77.2 115.8
131 87.2 69.6 104.4





#65
Chlorobenzene
Concen: 18.115 ug/l
RT: 11.508 min Scan# 11134
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

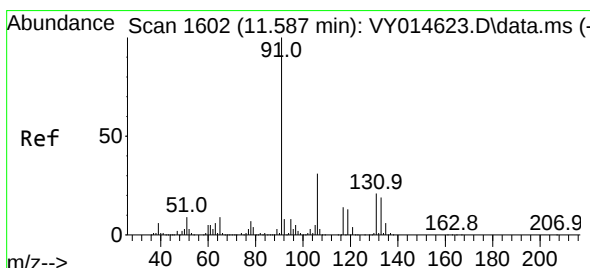
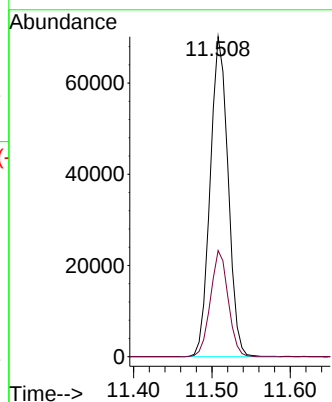
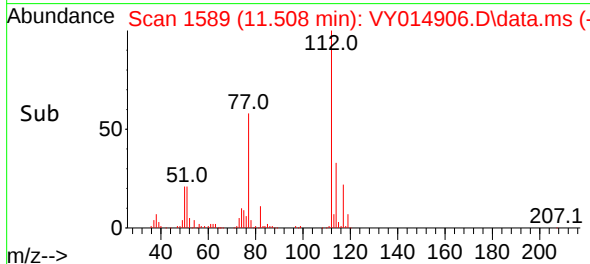
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:112 Resp: 11134
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3

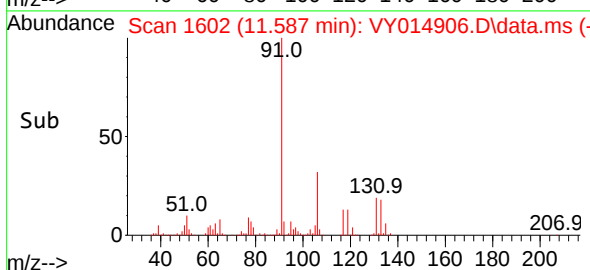
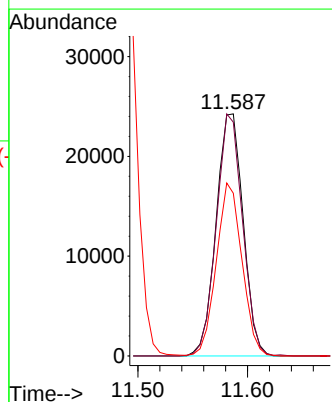
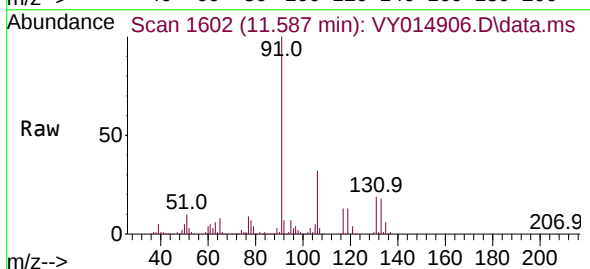
Manual Integrations
APPROVED

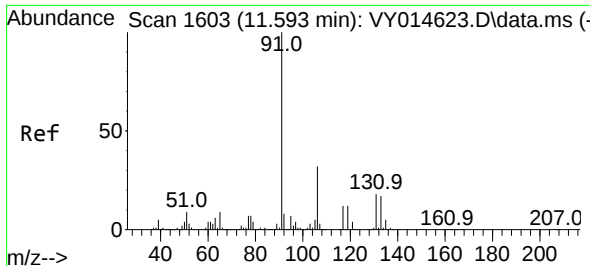
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.922 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:131 Resp: 41533
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.6
119 67.9 31.6 94.7





#67

Ethyl Benzene

Concen: 17.692 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 91 Resp: 19634

Ion Ratio Lower Upper

91 100

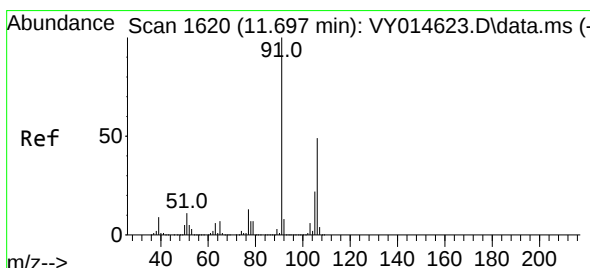
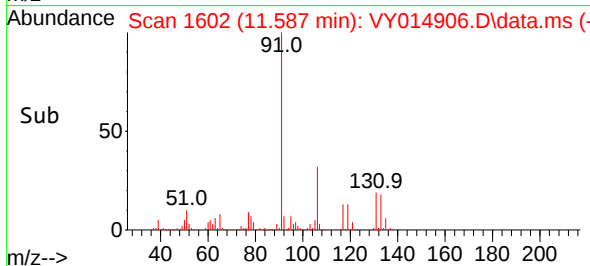
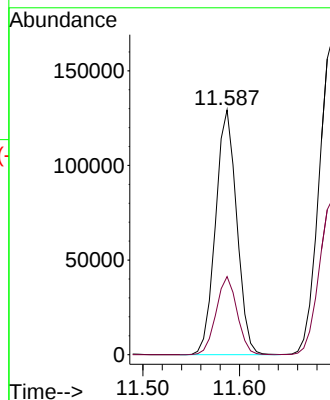
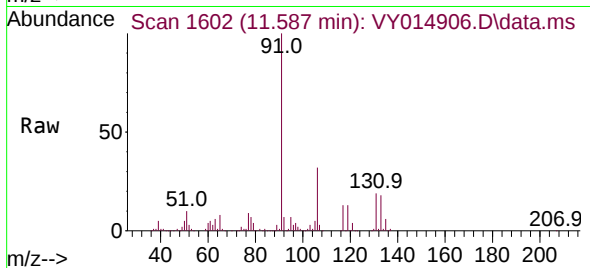
106 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

m/p-Xylenes

Concen: 35.886 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014906.D

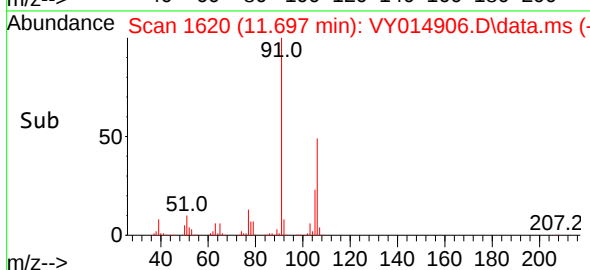
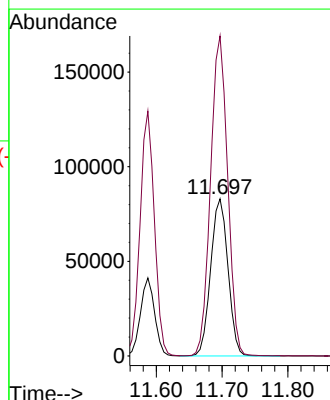
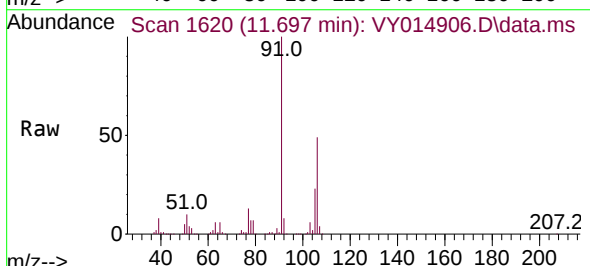
Acq: 28 Jul 2023 14:06

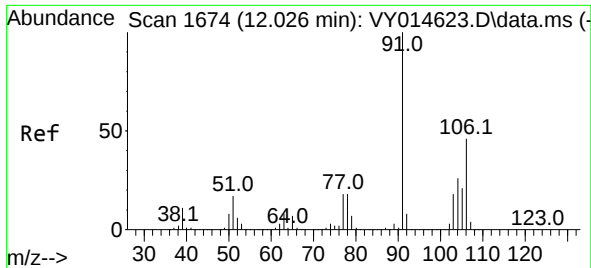
Tgt Ion:106 Resp: 152020

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





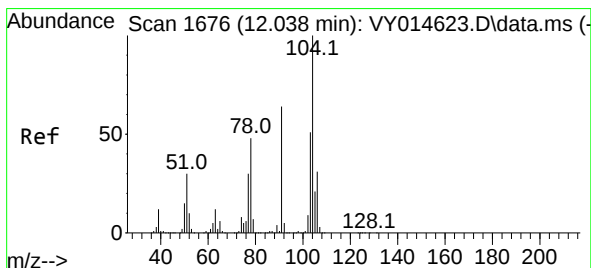
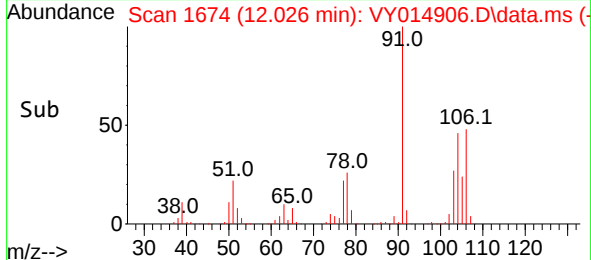
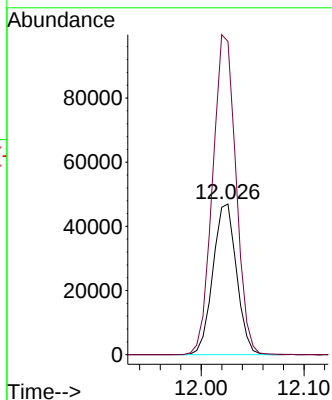
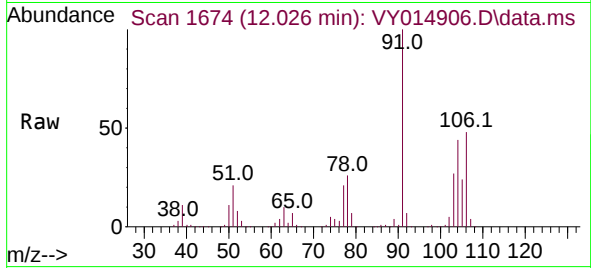
#69
o-Xylene
Concen: 18.153 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:106 Resp: 7490
Ion Ratio Lower Upper
106 100
91 210.4 108.1 324.3

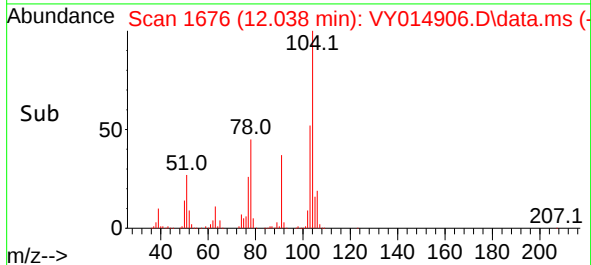
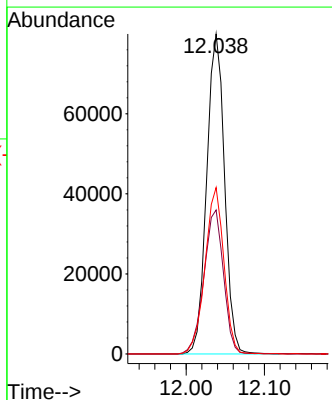
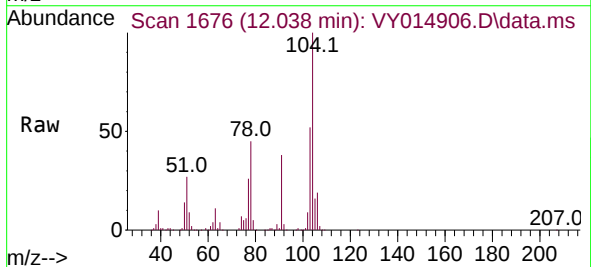
Manual Integrations
APPROVED

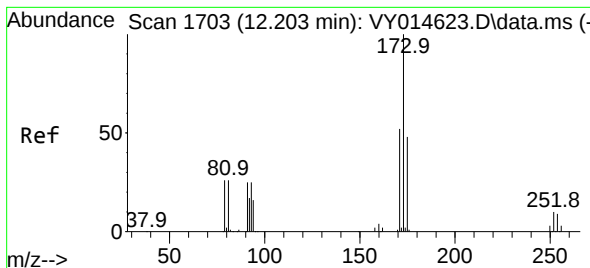
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 18.166 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:104 Resp: 126330
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 18.341 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

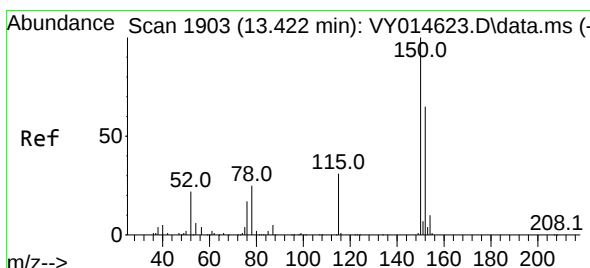
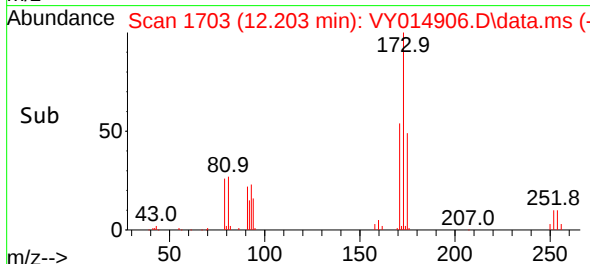
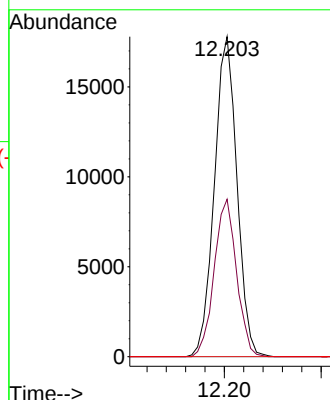
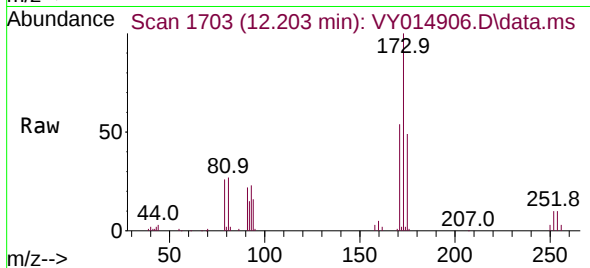
Tgt Ion:173	Resp:	2881
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

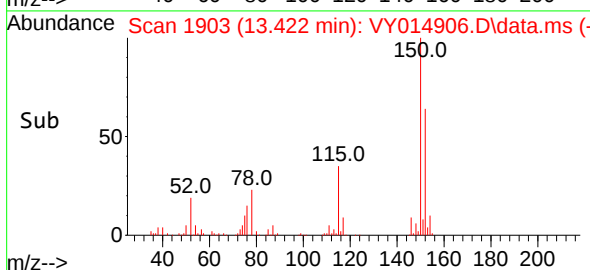
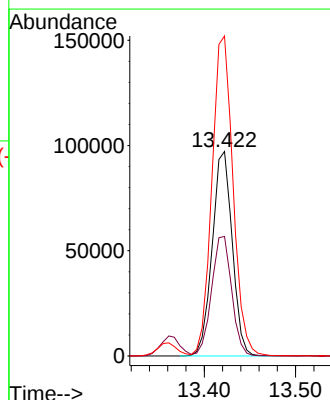
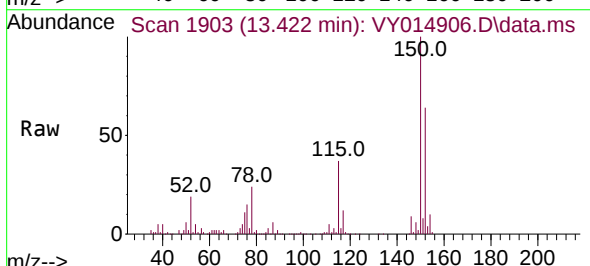
RT: 13.422 min Scan# 1903

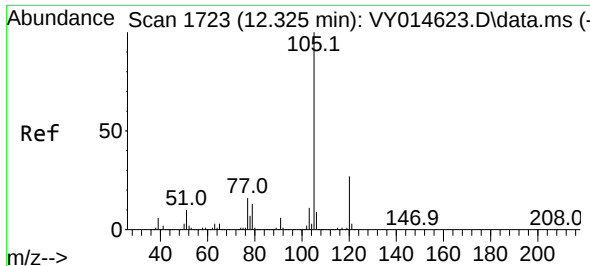
Delta R.T. 0.000 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Tgt Ion:152	Resp:	147814
Ion Ratio	Lower	Upper
152	100	
115	58.8	28.8 86.5
150	164.9	0.0 348.8





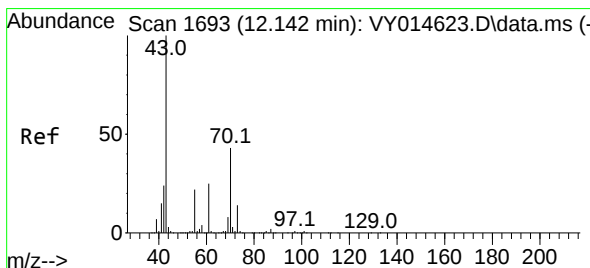
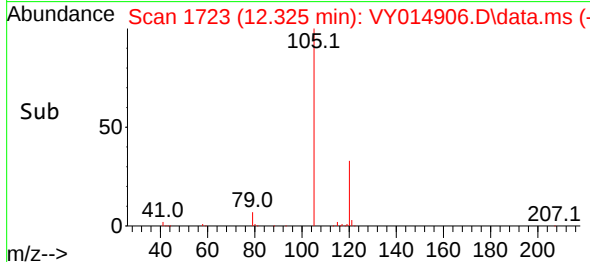
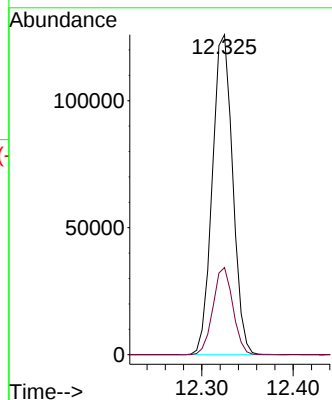
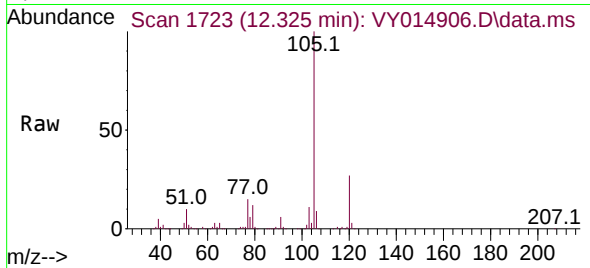
#73
Isopropylbenzene
Concen: 16.848 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:105 Resp: 194994
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

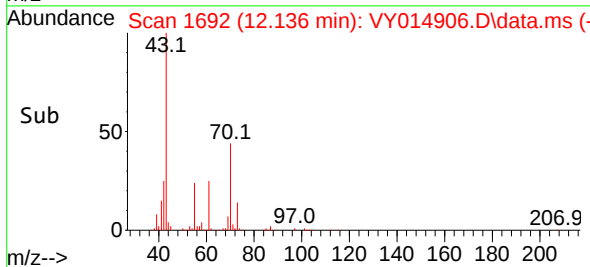
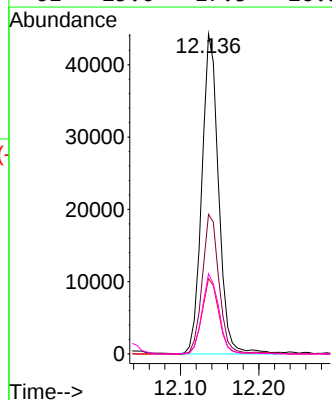
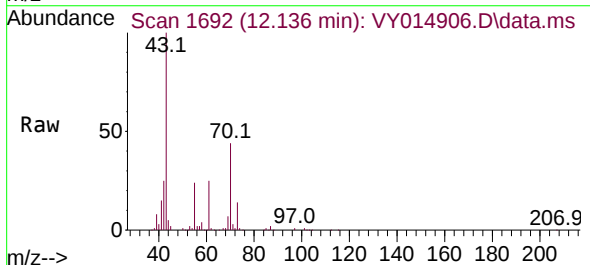
Manual Integrations
APPROVED

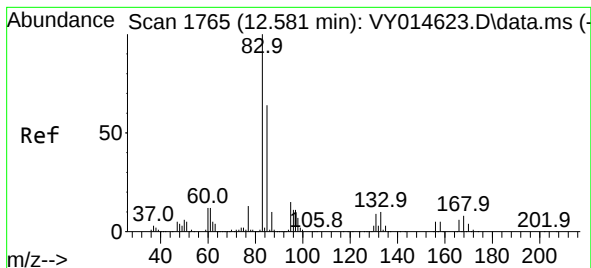
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 16.991 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 43 Resp: 65864
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 23.6 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.825 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

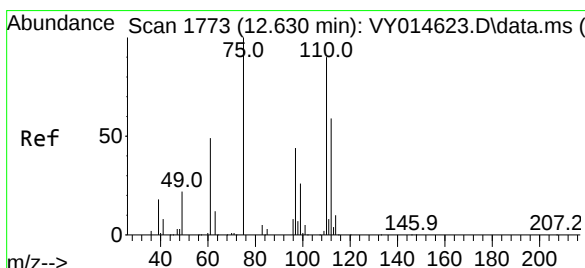
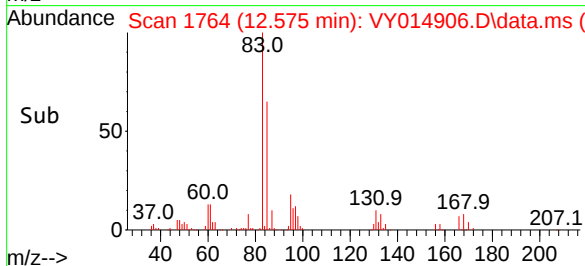
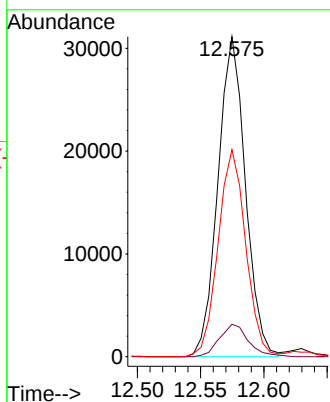
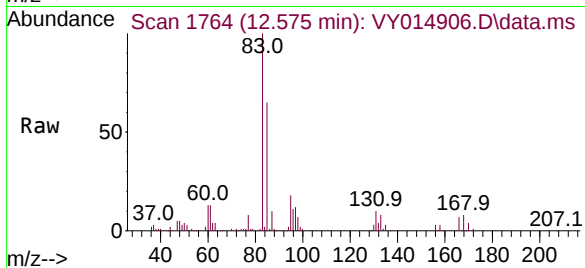
Tgt Ion:	83	Resp:	47040
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.9	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

1,2,3-Trichloropropane

Concen: 19.536 ug/l m

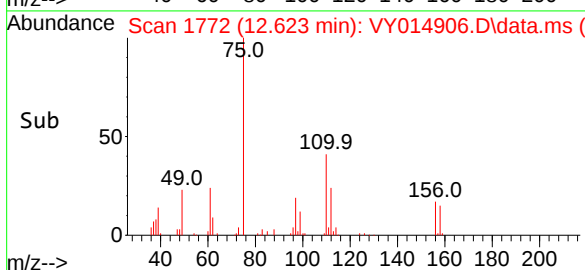
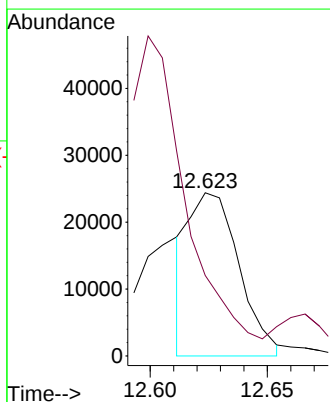
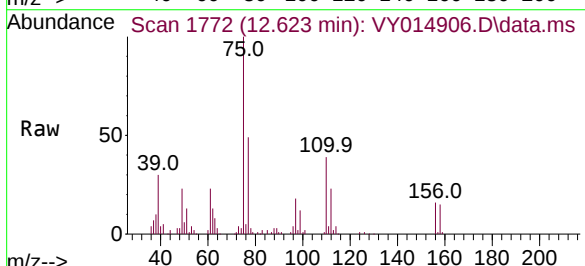
RT: 12.623 min Scan# 1772

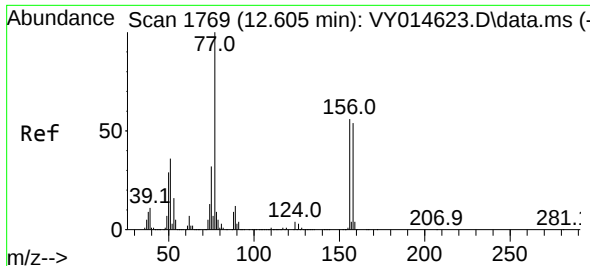
Delta R.T. -0.007 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

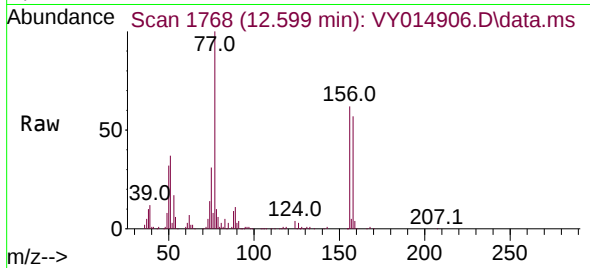
Tgt Ion:	75	Resp:	36471
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 18.153 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

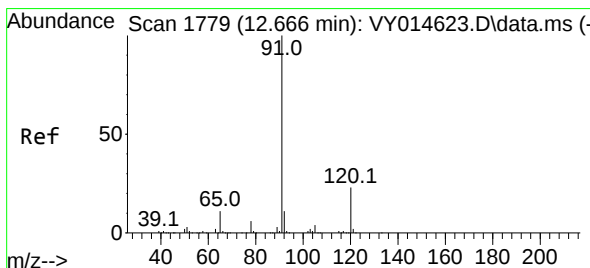
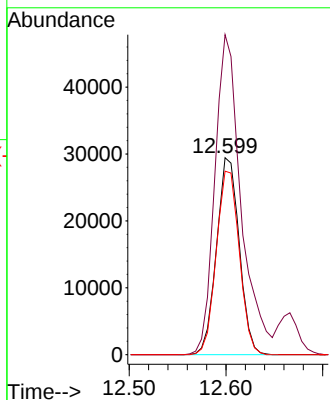
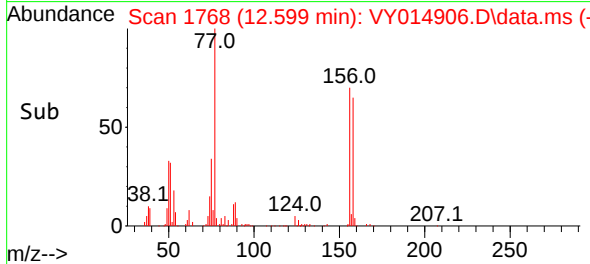
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:156 Resp: 47959
Ion Ratio Lower Upper
156 100
77 187.6 92.8 278.6
158 94.4 48.4 145.3

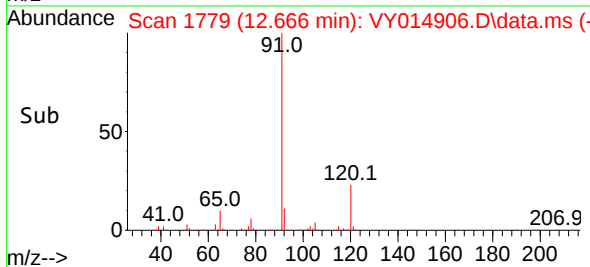
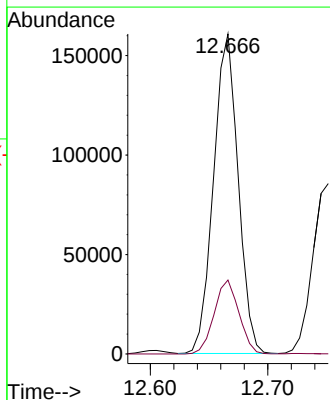
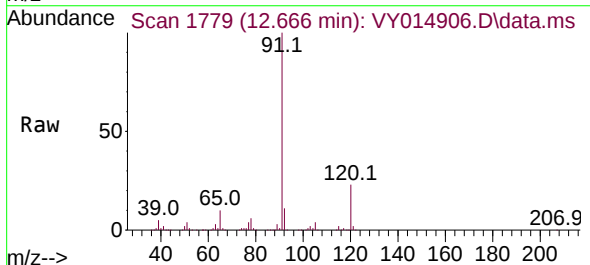
Manual Integrations
APPROVED

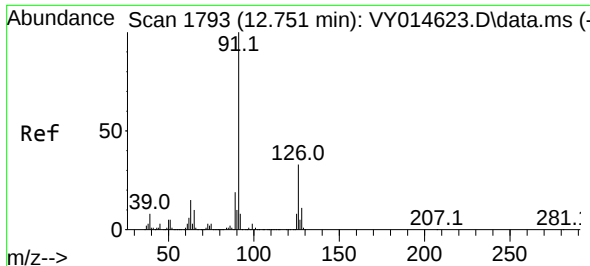
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
n-propylbenzene
Concen: 16.737 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 91 Resp: 233429
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





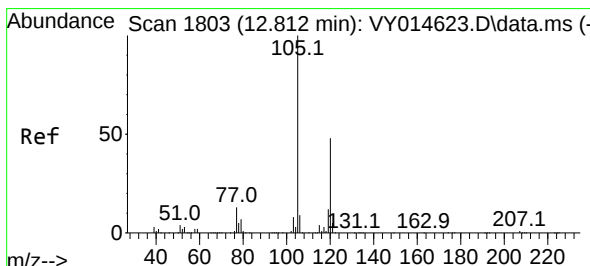
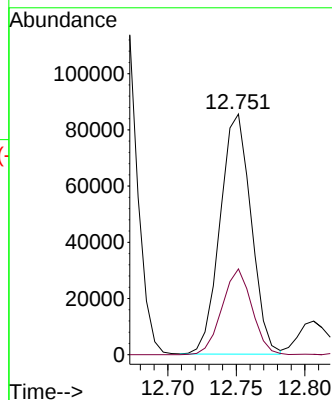
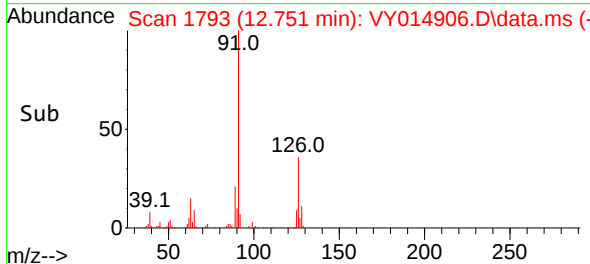
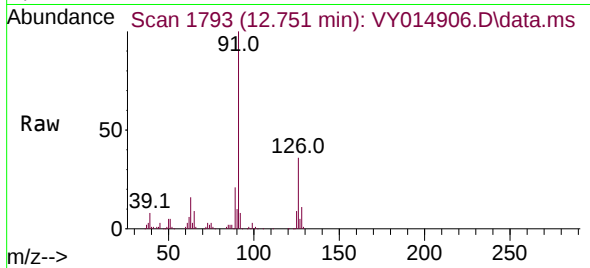
#79
2-Chlorotoluene
Concen: 16.771 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 91 Resp: 13472
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

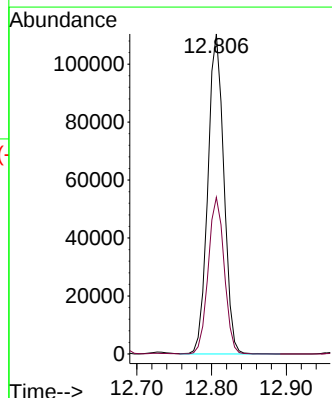
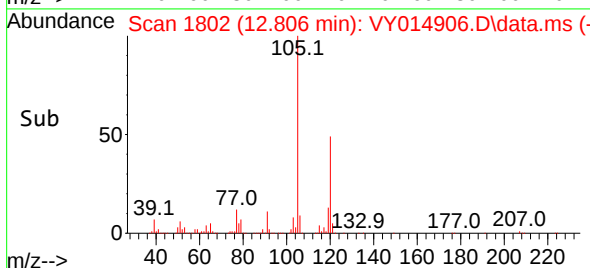
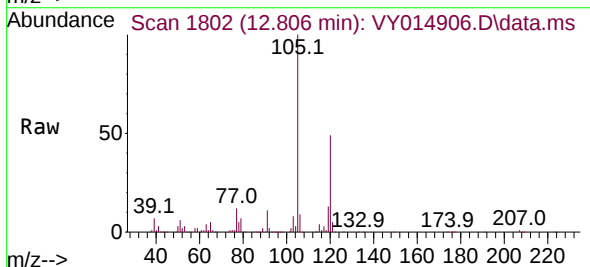
Manual Integrations
APPROVED

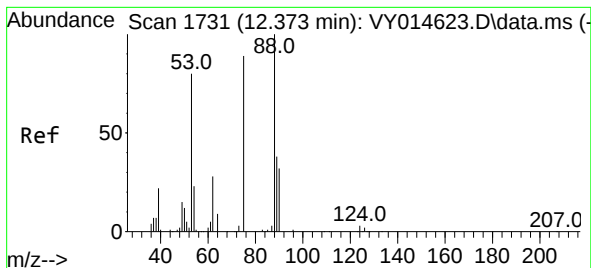
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.930 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

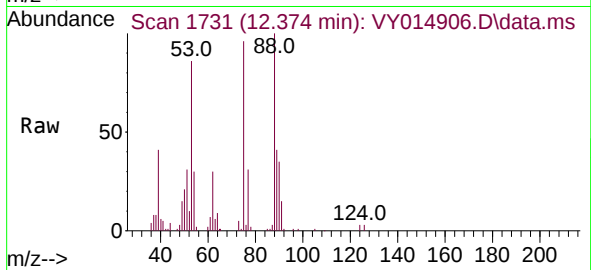
Tgt Ion:105 Resp: 163643
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.490 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

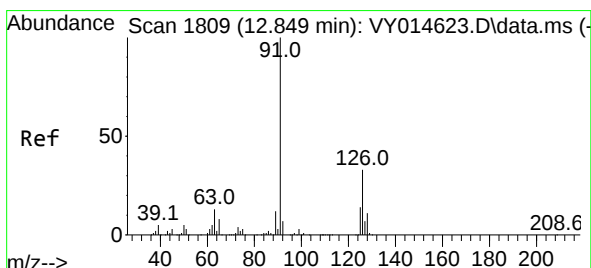
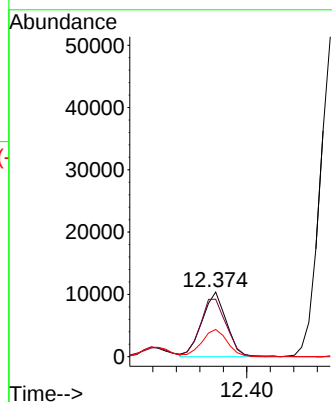
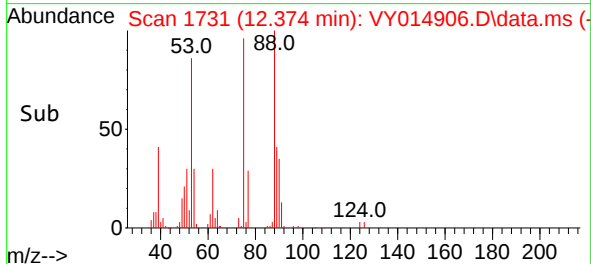
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 75 Resp: 14938
Ion Ratio Lower Upper
75 100
53 96.2 77.8 116.8
89 43.9 37.4 56.0

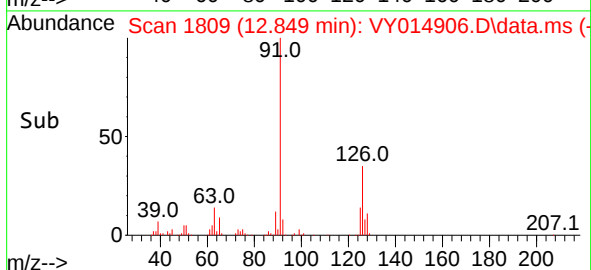
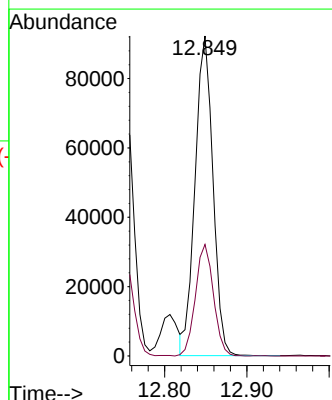
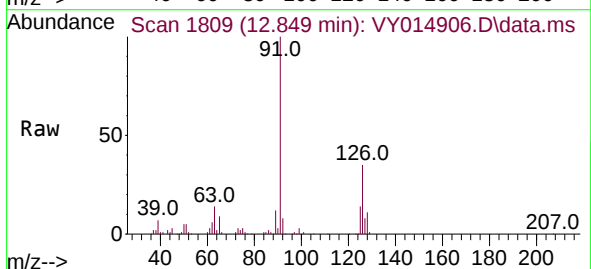
Manual Integrations
APPROVED

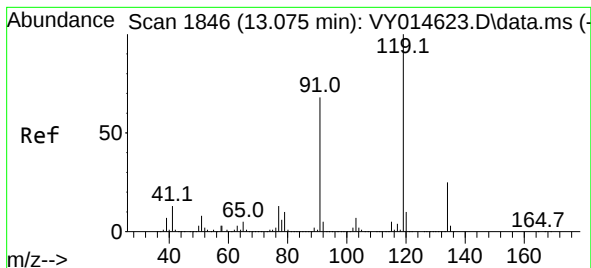
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 16.818 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 91 Resp: 139141
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





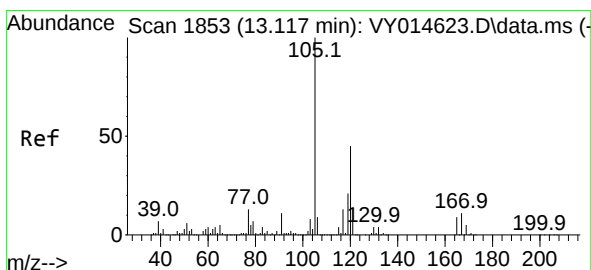
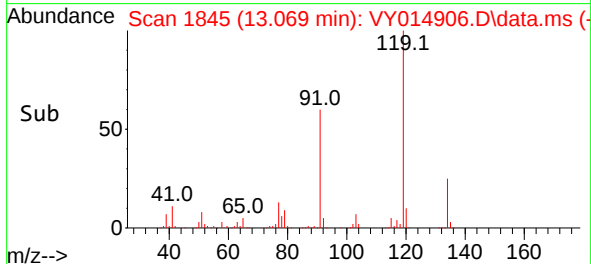
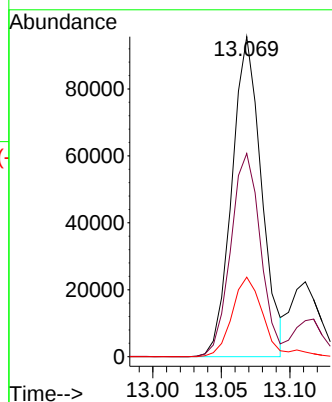
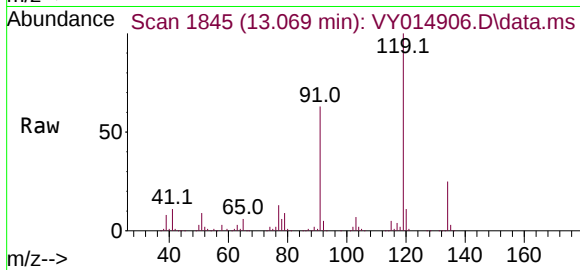
#83
tert-Butylbenzene
Concen: 16.779 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:119 Resp: 14387
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.6 13.0 38.9

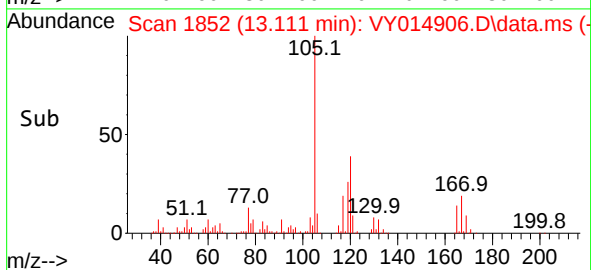
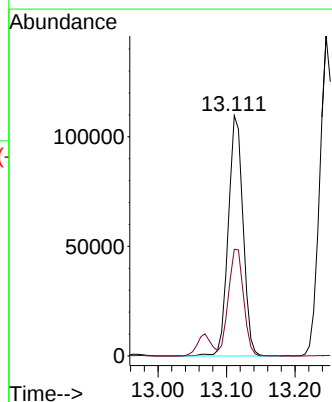
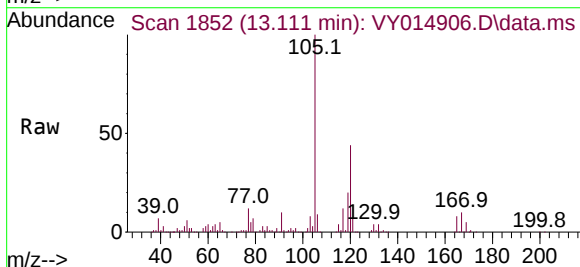
Manual Integrations
APPROVED

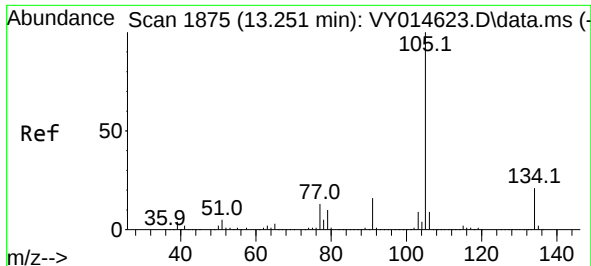
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.276 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion:105 Resp: 163883
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6





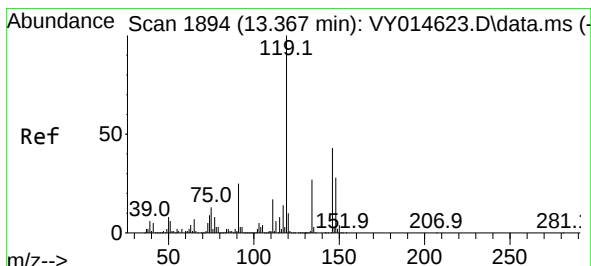
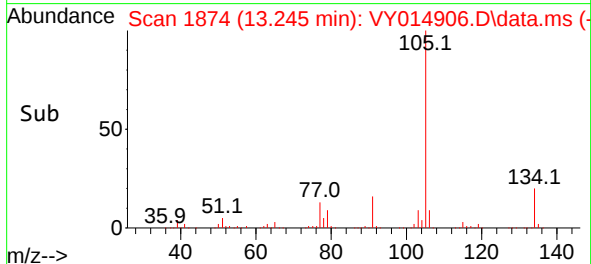
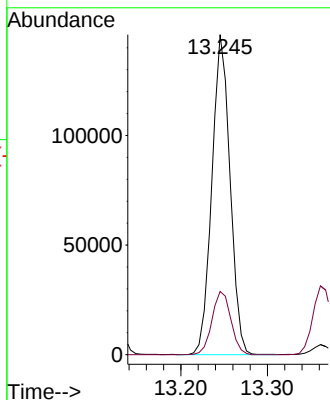
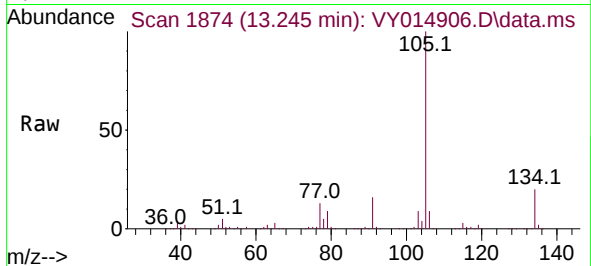
#85
 sec-Butylbenzene
 Concen: 16.887 ug/l
 RT: 13.245 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Tgt Ion:105 Resp: 21240
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

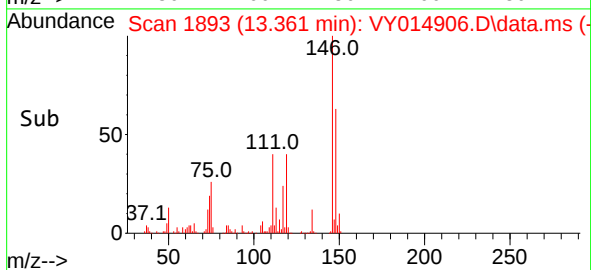
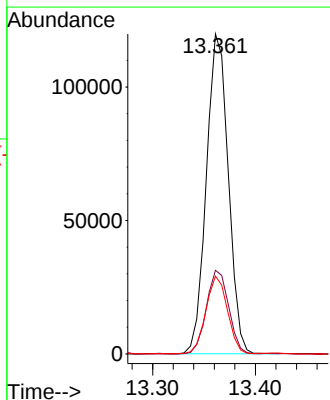
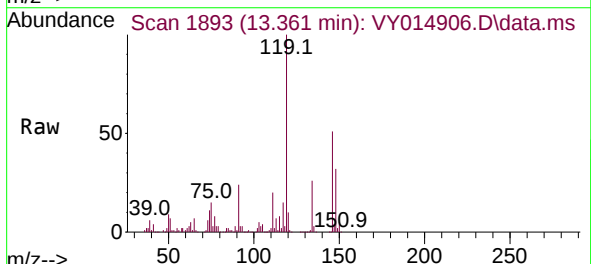
Manual Integrations
 APPROVED

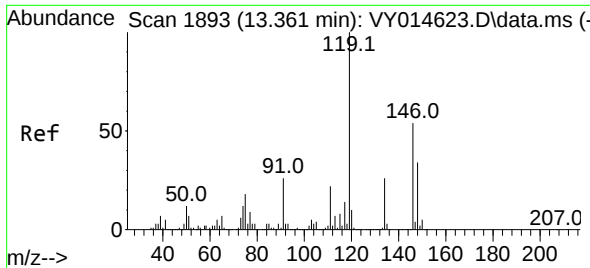
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 17.277 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

Tgt Ion:119 Resp: 177424
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.9 12.4 37.4





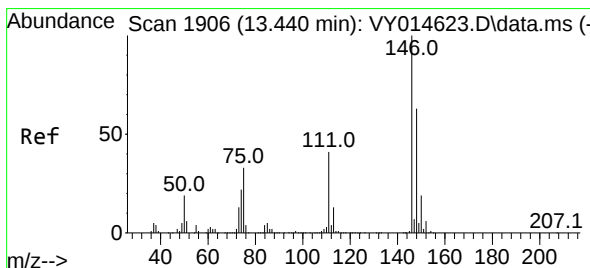
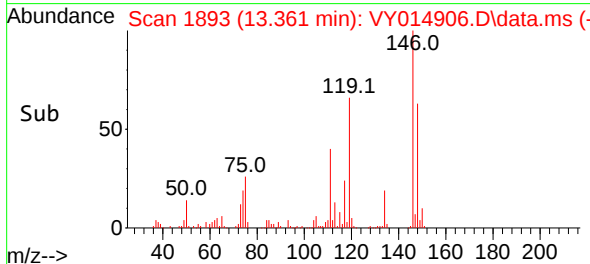
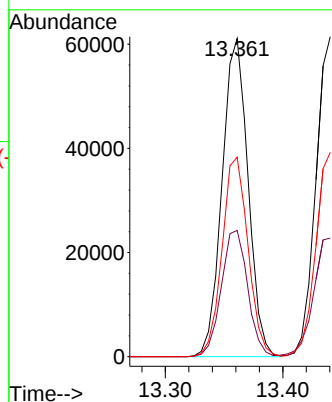
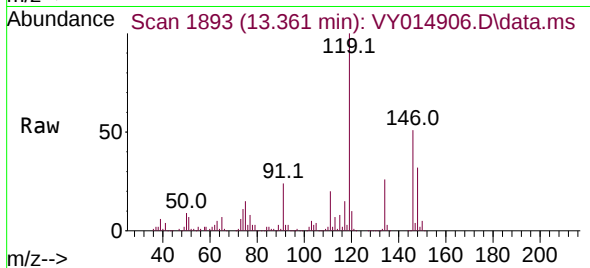
#87
 1,3-Dichlorobenzene
 Concen: 18.210 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Tgt Ion:146 Resp: 9363
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.2
 148 63.0 31.9 95.5

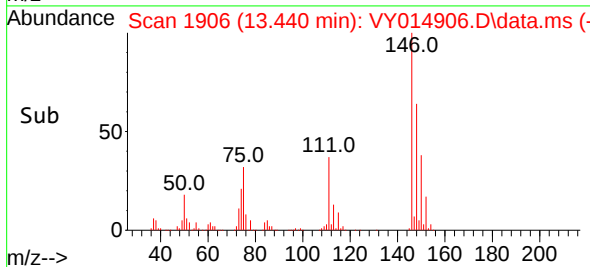
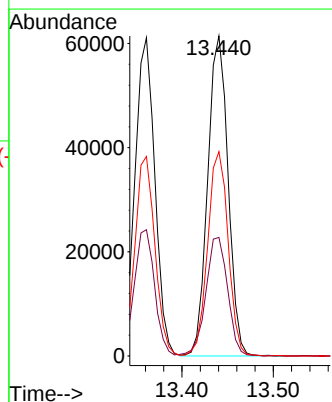
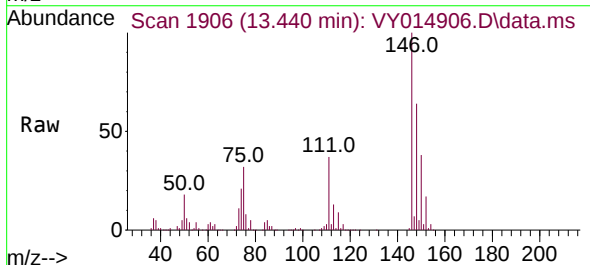
Manual Integrations
 APPROVED

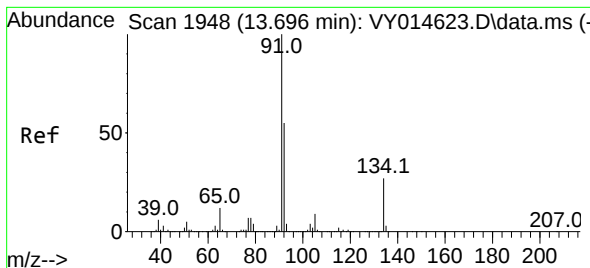
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.416 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014906.D
 Acq: 28 Jul 2023 14:06

Tgt Ion:146 Resp: 94890
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.7
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 16.810 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

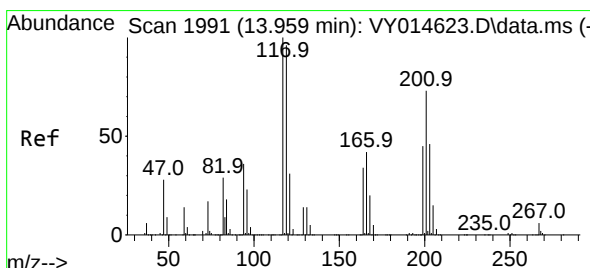
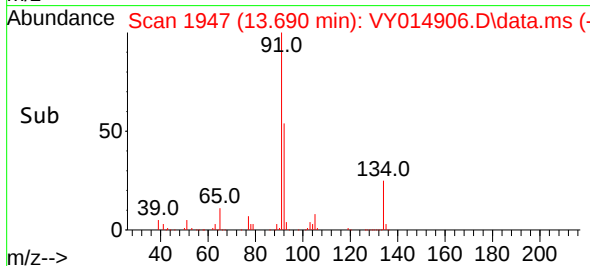
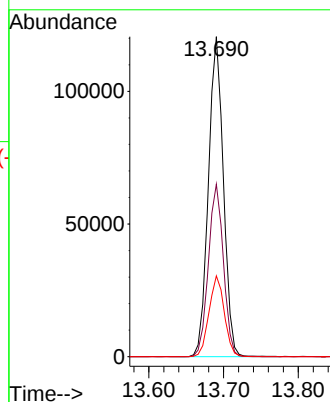
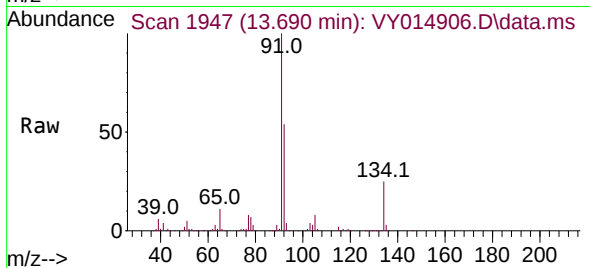
Tgt Ion:	91	Resp:	16795
Ion Ratio	Lower	Upper	
91	100		
92	54.0	25.4	76.0
134	25.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 15.786 ug/l

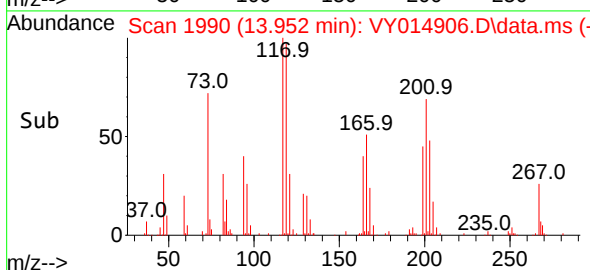
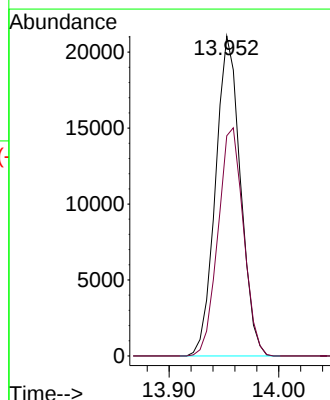
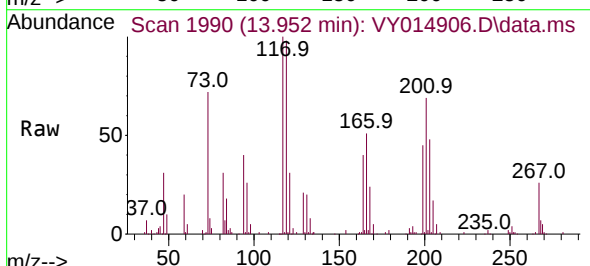
RT: 13.952 min Scan# 1990

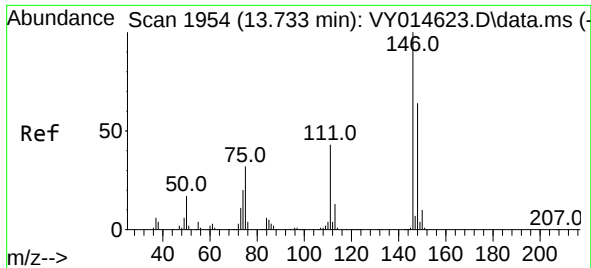
Delta R.T. -0.007 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Tgt Ion:	117	Resp:	33299
Ion Ratio	Lower	Upper	
117	100		
201	72.8	41.6	124.8





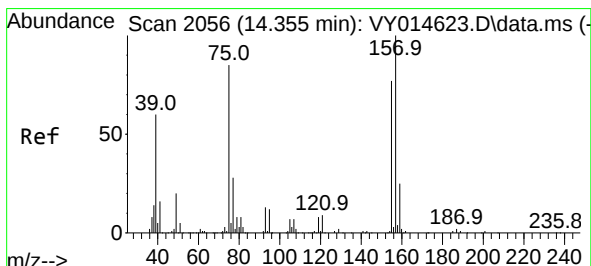
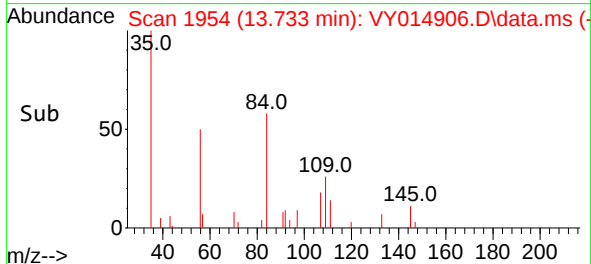
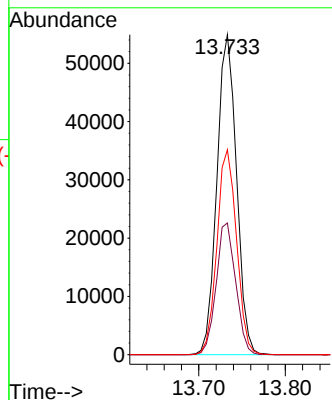
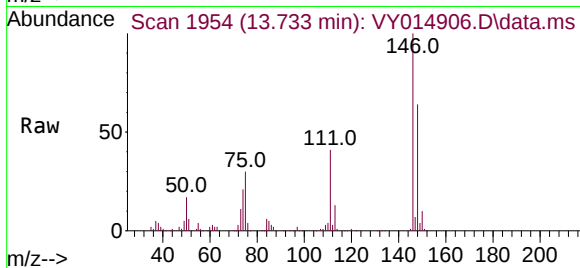
#91
1,2-Dichlorobenzene
Concen: 18.355 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:146 Resp: 8646
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 64.0 32.0 96.2

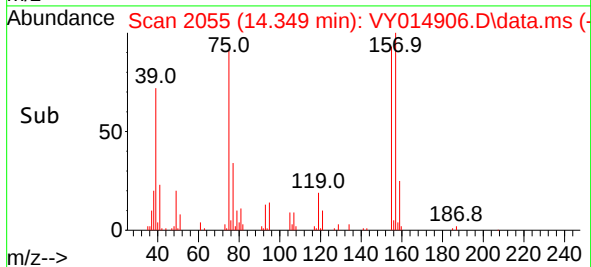
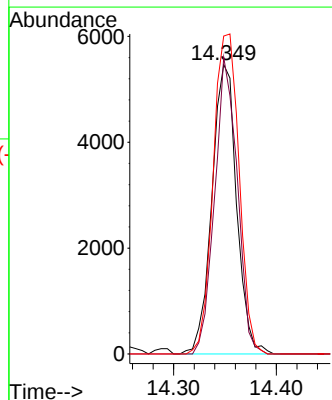
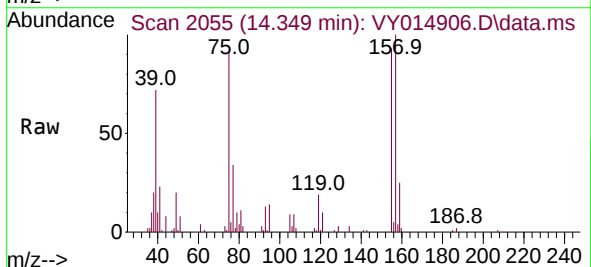
Manual Integrations
APPROVED

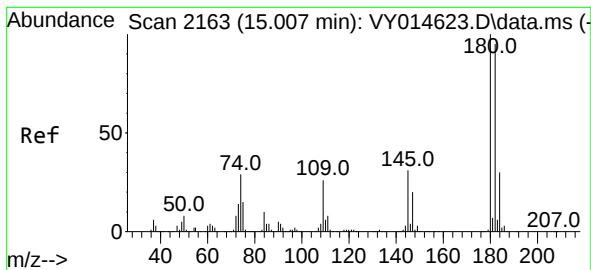
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.114 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014906.D
Acq: 28 Jul 2023 14:06

Tgt Ion: 75 Resp: 9143
Ion Ratio Lower Upper
75 100
155 93.4 41.5 124.6
157 115.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.047 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion:180 Resp: 5396

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.2

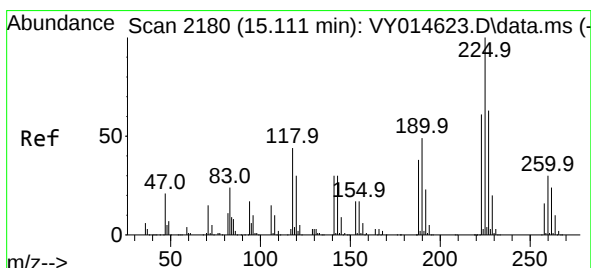
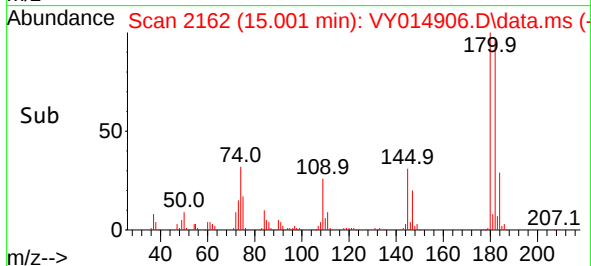
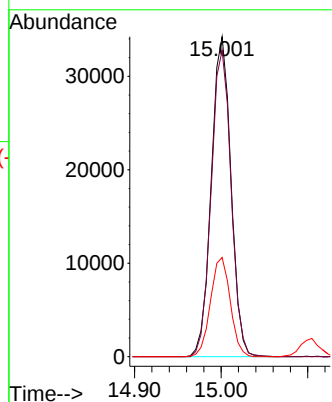
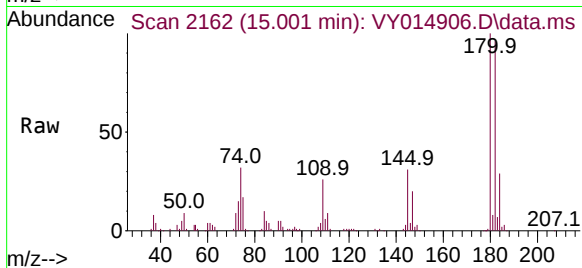
145 31.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 17.796 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

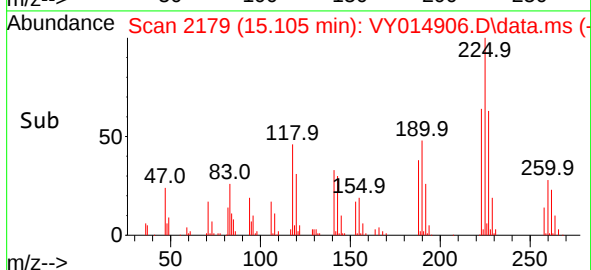
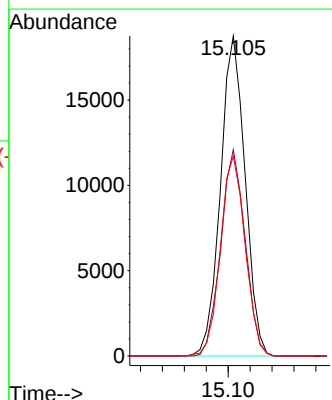
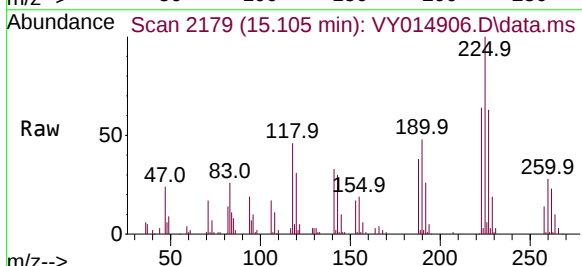
Tgt Ion:225 Resp: 29246

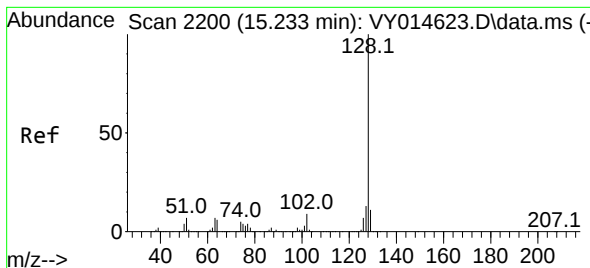
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 19.219 ug/l

RT: 15.227 min Scan# 2199

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

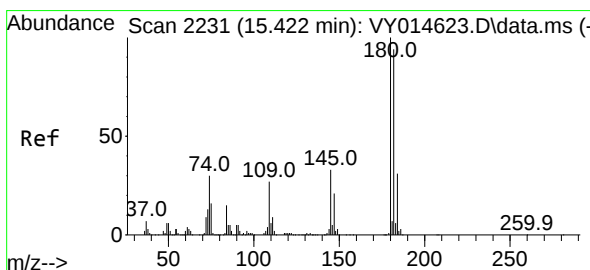
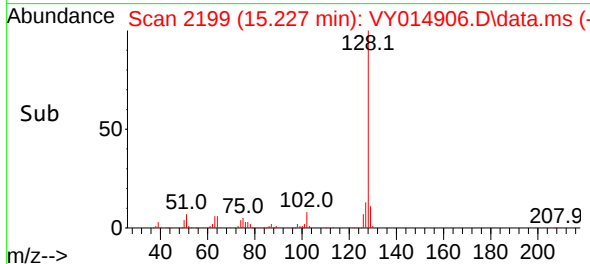
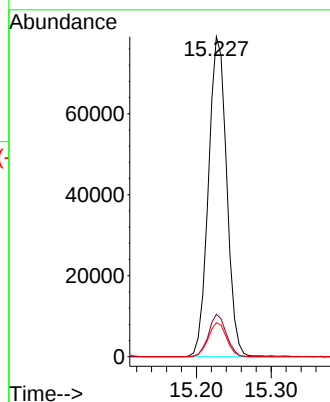
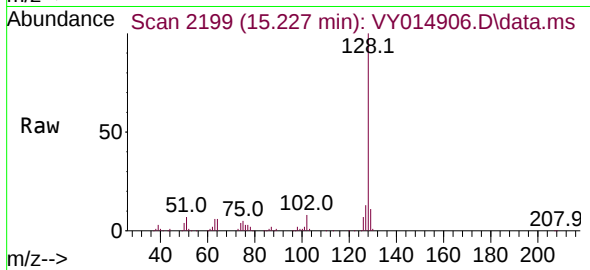
Tgt Ion:128 Resp: 133899
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.8 16.2
 129 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.750 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY014906.D

Acq: 28 Jul 2023 14:06

Tgt Ion:180 Resp: 49834
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.8
 145 32.2 15.4 46.2

