

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014905.D
 Acq On : 28 Jul 2023 13:43
 Operator : SY/MD
 Sample : VY0728SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS03

Quant Time: Jul 29 03:04:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	191447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	294921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	121242	55.574	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.140%			
35) Dibromofluoromethane	7.709	113	107191	51.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.240%			
50) Toluene-d8	10.172	98	385429	50.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.477	95	141489	48.203	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27855	17.859	ug/l	98
3) Chloromethane	2.107	50	39510	22.535	ug/l	97
4) Vinyl Chloride	2.241	62	45148	23.041	ug/l	93
5) Bromomethane	2.613	94	33672	26.003	ug/l	96
6) Chloroethane	2.771	64	29000	23.693	ug/l	98
7) Trichlorofluoromethane	3.107	101	62777	19.075	ug/l	100
8) Diethyl Ether	3.521	74	23334	19.056	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	35393	17.546	ug/l	96
10) Methyl Iodide	4.076	142	28181	14.924	ug/l	96
11) Tert butyl alcohol	4.954	59	40196	77.092	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	32916	17.460	ug/l	93
13) Acrolein	3.716	56	19259	84.461	ug/l	100
14) Allyl chloride	4.466	41	53954	16.118	ug/l	97
15) Acrylonitrile	5.149	53	69055	102.270	ug/l	99
16) Acetone	3.942	43	67398	97.491	ug/l	98
17) Carbon Disulfide	4.180	76	87722	16.252	ug/l	99
18) Methyl Acetate	4.466	43	56436	21.273	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	116758	19.065	ug/l	99
20) Methylene Chloride	4.698	84	59197	24.178	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	38310	17.906	ug/l	93
22) Diisopropyl ether	6.106	45	121925	17.916	ug/l	94
23) Vinyl Acetate	6.045	43	363197	89.180	ug/l	96
24) 1,1-Dichloroethane	6.002	63	70185	18.024	ug/l	95
25) 2-Butanone	6.978	43	105968	104.773	ug/l	93
26) 2,2-Dichloropropane	6.972	77	67602	18.216	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	46014	18.477	ug/l	97
28) Bromochloromethane	7.325	49	33796	20.152	ug/l	94
29) Tetrahydrofuran	7.338	42	64804	104.056	ug/l	92
30) Chloroform	7.496	83	74740	18.613	ug/l	98
31) Cyclohexane	7.777	56	57759	15.949	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	64119	17.742	ug/l	98
36) 1,1-Dichloropropene	7.911	75	52662	16.960	ug/l	99
37) Ethyl Acetate	7.063	43	42081	19.684	ug/l	97
38) Carbon Tetrachloride	7.886	117	56056	17.078	ug/l	99
39) Methylcyclohexane	9.173	83	63441	15.682	ug/l	94
40) Benzene	8.148	78	158495	17.947	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21673	19.709	ug/l #	68
42) 1,2-Dichloroethane	8.228	62	53426	19.104	ug/l	95
43) Isopropyl Acetate	8.264	43	74134	18.204	ug/l	96
44) Trichloroethene	8.935	130	44789	18.127	ug/l	99
45) 1,2-Dichloropropane	9.209	63	39982	17.338	ug/l	97
46) Dibromomethane	9.301	93	26767	19.134	ug/l	94
47) Bromodichloromethane	9.490	83	58344	17.695	ug/l	95
48) Methyl methacrylate	9.288	41	33977	18.541	ug/l	94
49) 1,4-Dioxane	9.295	88	9445	414.053	ug/l #	59
51) 4-Methyl-2-Pentanone	10.063	43	212755	99.501	ug/l	95
52) Toluene	10.240	92	102079	18.064	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	61666	17.098	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	66600	16.981	ug/l	92
55) 1,1,2-Trichloroethane	10.636	97	37567	19.278	ug/l	97
56) Ethyl methacrylate	10.502	69	52371	17.602	ug/l	91
57) 1,3-Dichloropropane	10.782	76	61701	18.357	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	135522	97.756	ug/l	94
59) 2-Hexanone	10.825	43	156419	100.313	ug/l	93
60) Dibromochloromethane	10.977	129	42932	17.969	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36808	18.934	ug/l	99
64) Tetrachloroethene	10.715	164	44493	18.758	ug/l	97
65) Chlorobenzene	11.508	112	111016	17.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42246	17.828	ug/l	98
67) Ethyl Benzene	11.587	91	194469	17.138	ug/l	98
68) m/p-Xylenes	11.697	106	149275	34.463	ug/l	96
69) o-Xylene	12.026	106	73377	17.393	ug/l	98
70) Styrene	12.038	104	125316	17.624	ug/l	97
71) Bromoform	12.203	173	28181	17.545	ug/l #	99
73) Isopropylbenzene	12.325	105	190141	16.068	ug/l	100
74) N-amyl acetate	12.136	43	63794	16.097	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.574	83	47018	17.424	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	37908m	19.861	ug/l	
77) Bromobenzene	12.605	156	46373	17.168	ug/l	97
78) n-propylbenzene	12.666	91	228278	16.009	ug/l	99
79) 2-Chlorotoluene	12.751	91	131807	16.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	160724	16.264	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	14317	14.523	ug/l	99
82) 4-Chlorotoluene	12.849	91	136249	16.108	ug/l	98
83) tert-Butylbenzene	13.068	119	137668	15.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	159851	16.482	ug/l	99
85) sec-Butylbenzene	13.245	105	206196	16.034	ug/l	100
86) p-Isopropyltoluene	13.361	119	173622	16.536	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	92449	17.586	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	92209	17.503	ug/l	98
89) n-Butylbenzene	13.690	91	163350	15.991	ug/l	97
90) Hexachloroethane	13.952	117	32747	15.184	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	84668	17.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9172	17.773	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	51463	16.832	ug/l	99
94) Hexachlorobutadiene	15.105	225	27786	16.537	ug/l	97
95) Naphthalene	15.226	128	123989	17.406	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	46150	16.984	ug/l	97

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

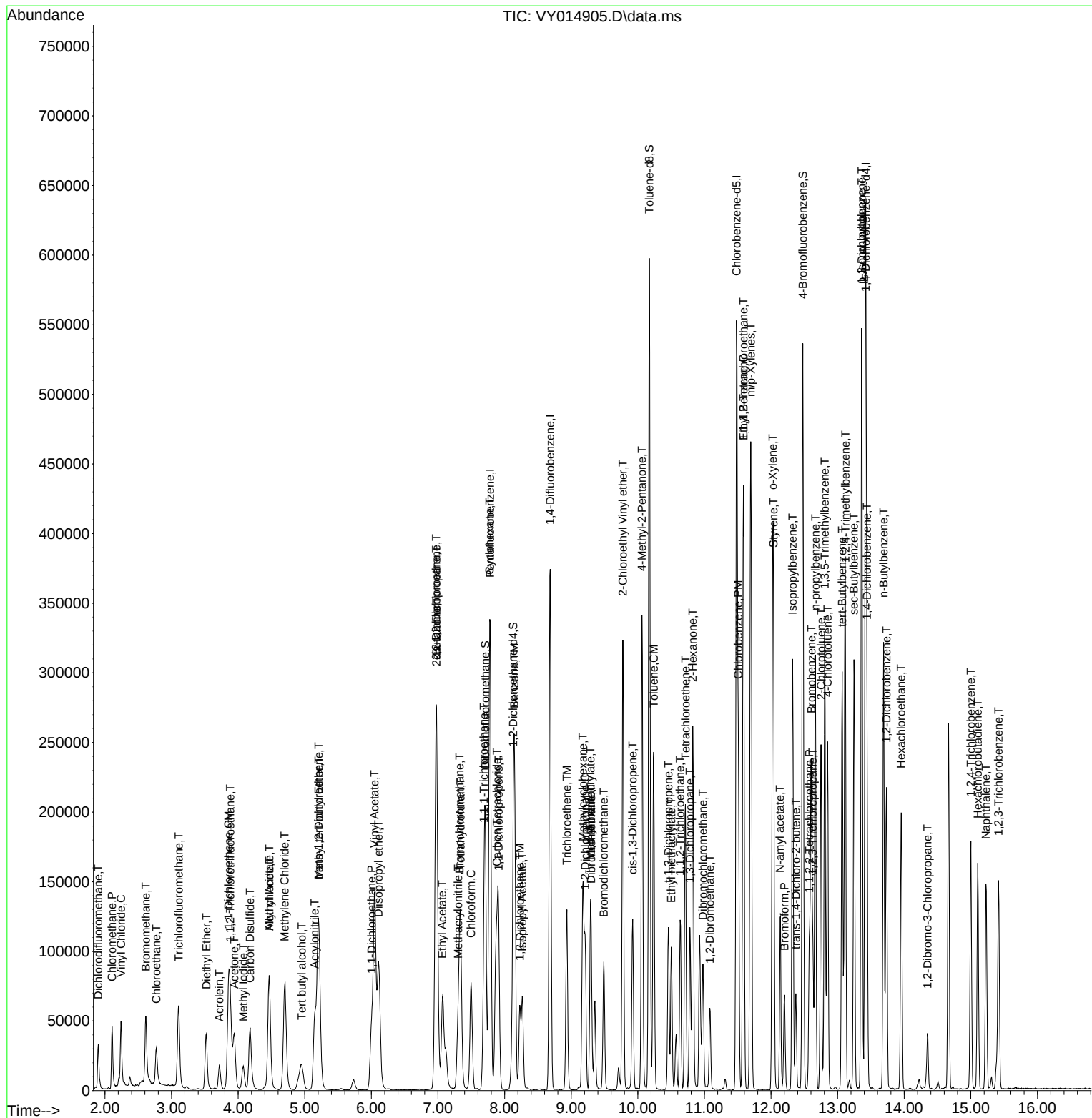
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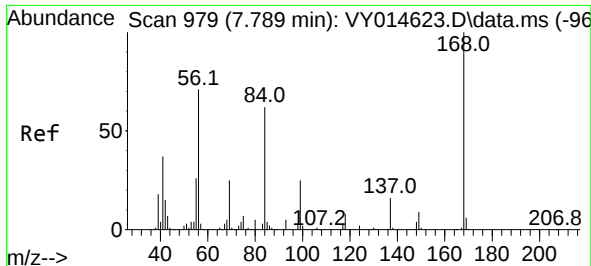
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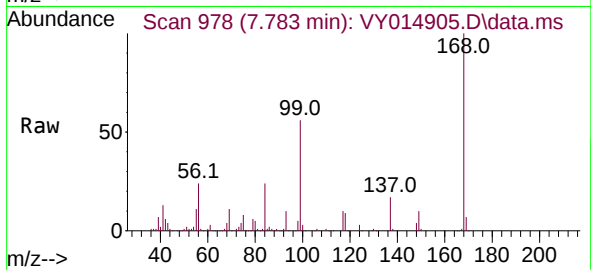
Reviewed By : John Carlone 07/31/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014905.D
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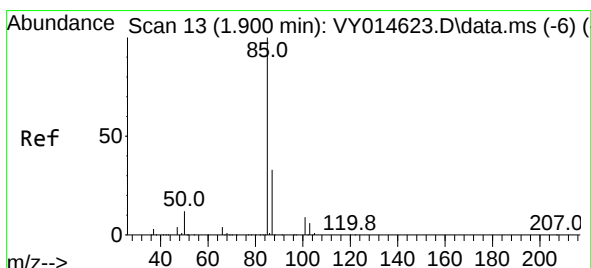
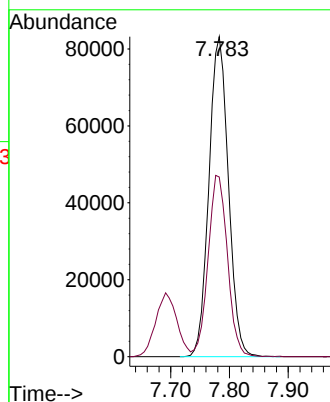
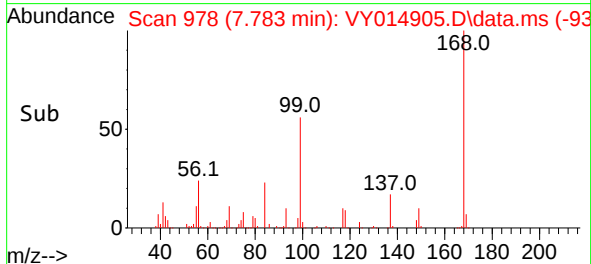
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion:168 Resp: 19144
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0

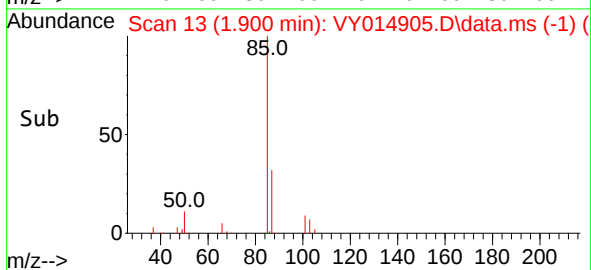
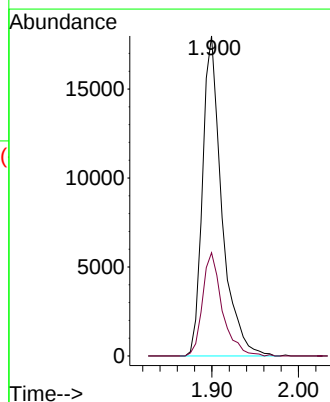
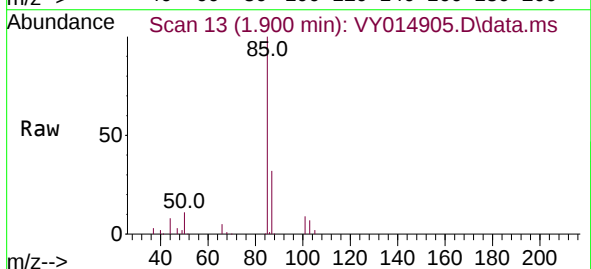
Manual Integrations
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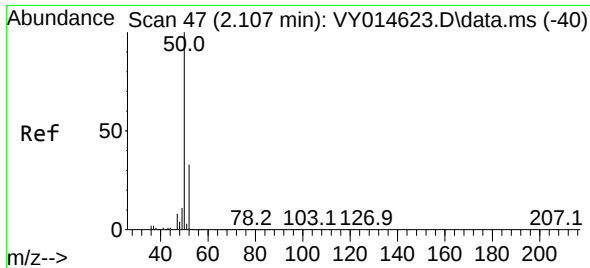
Reviewed By :John Carlone 07/31/2023
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#2
Dichlorodifluoromethane
Concen: 17.859 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

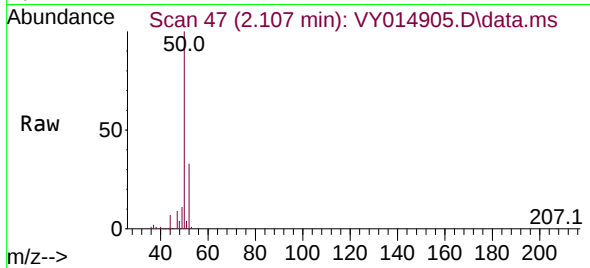
Tgt Ion: 85 Resp: 27855
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 22.535 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

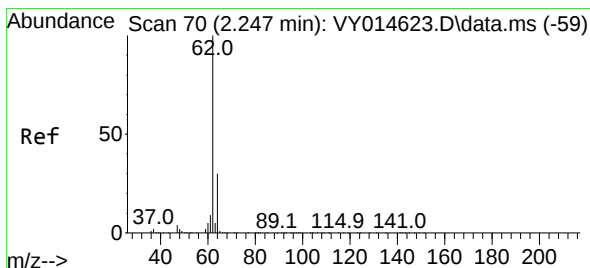
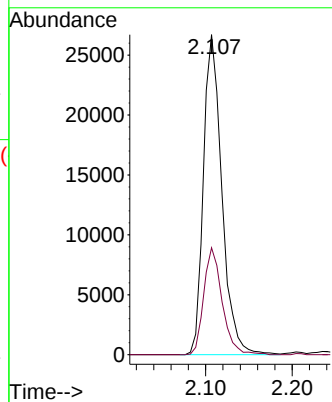
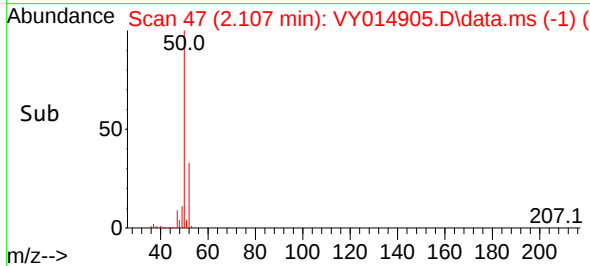
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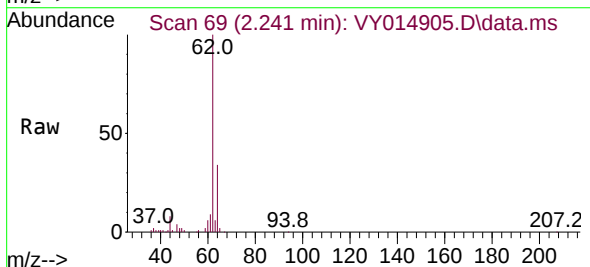
Tgt Ion: 50 Resp: 39510
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

Manual Integrations
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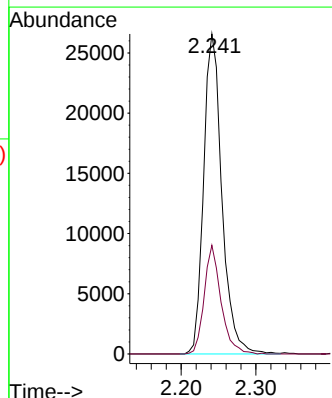
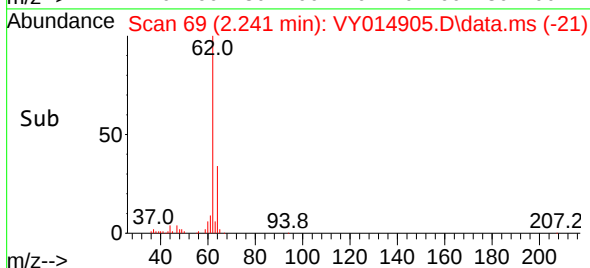
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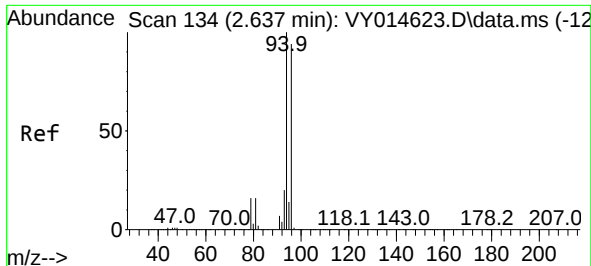


#4
Vinyl Chloride
Concen: 23.041 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



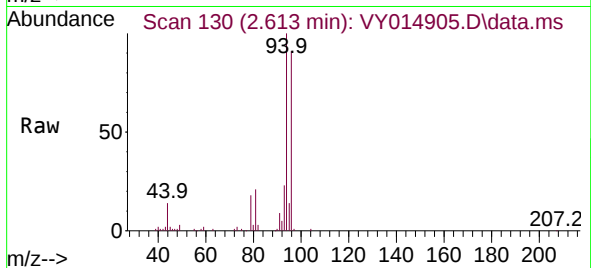
Tgt Ion: 62 Resp: 45148
Ion Ratio Lower Upper
62 100
64 34.0 24.3 36.5





#5
Bromomethane
Concen: 26.003 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

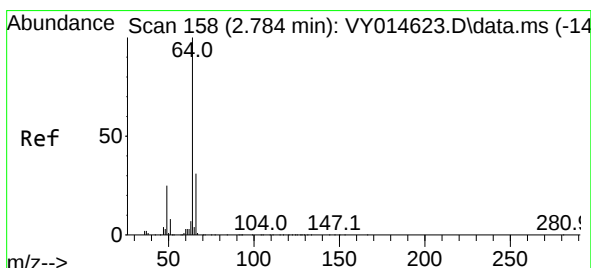
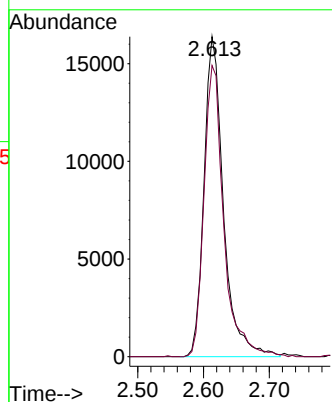
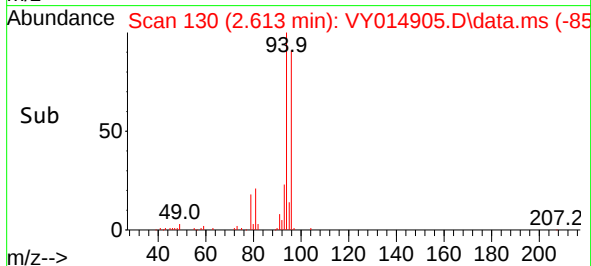
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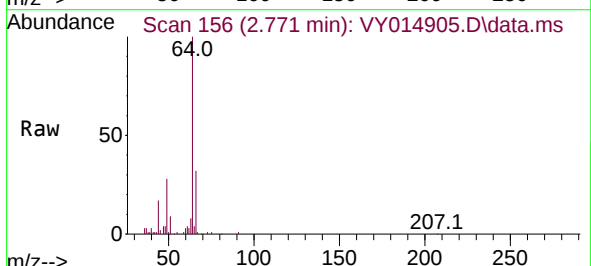
Tgt Ion: 94 Resp: 33672
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.6

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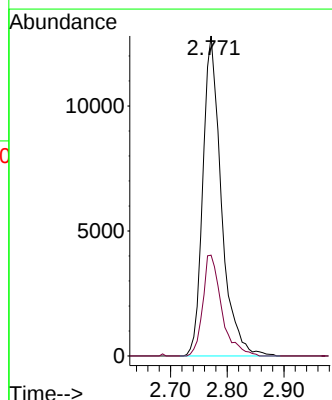
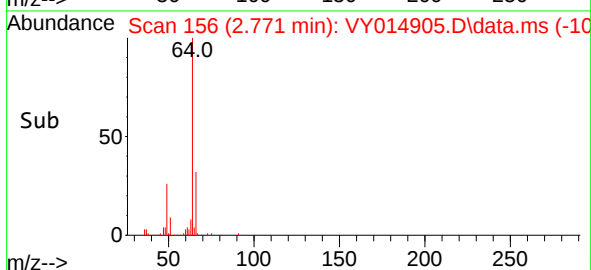
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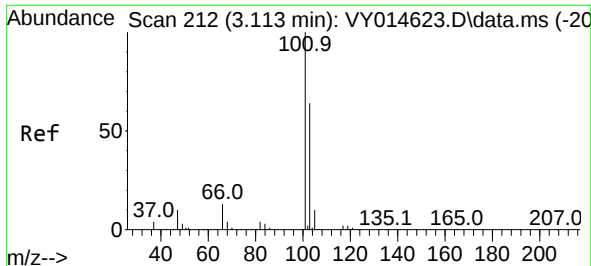


#6
Chloroethane
Concen: 23.693 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.013 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



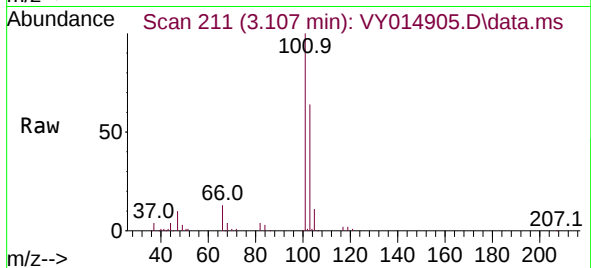
Tgt Ion: 64 Resp: 29000
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 19.075 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

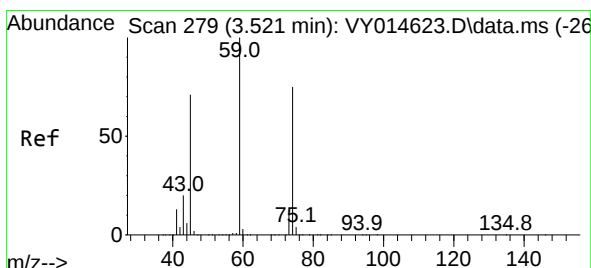
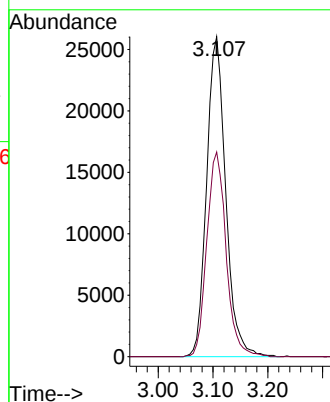
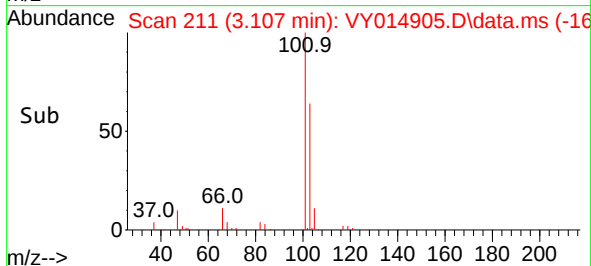
Instrument :
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Tgt Ion:101 Resp: 6277
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

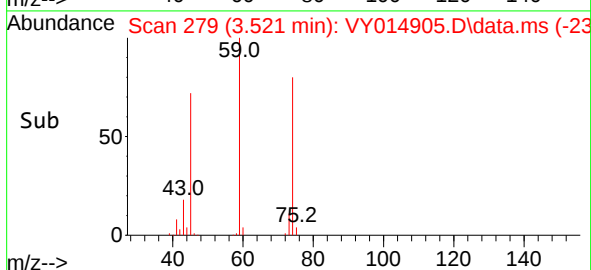
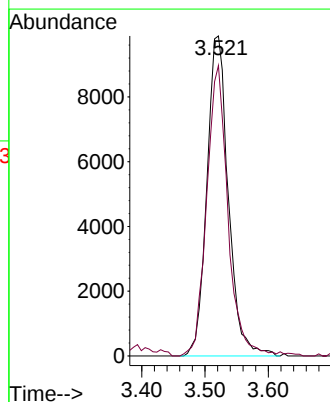
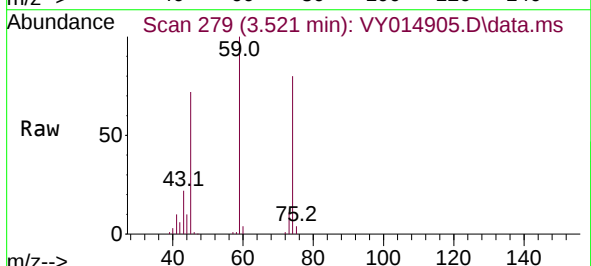
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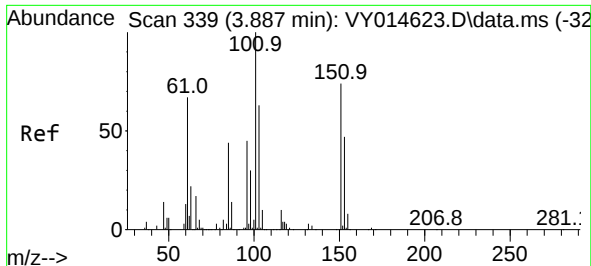
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#8
Diethyl Ether
Concen: 19.056 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 74 Resp: 23334
Ion Ratio Lower Upper
74 100
45 89.9 51.5 154.5





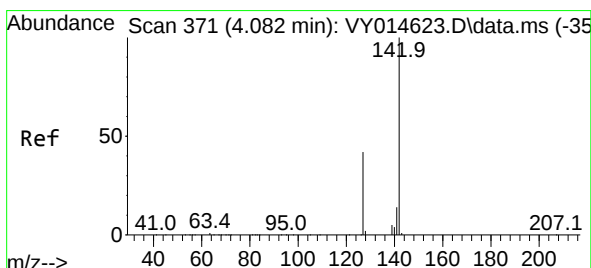
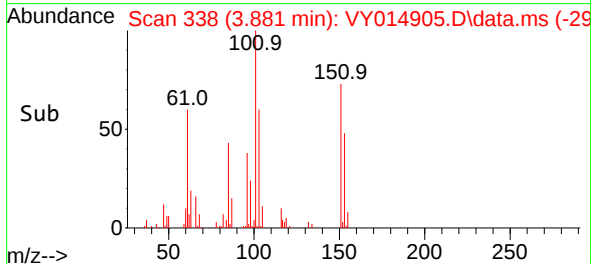
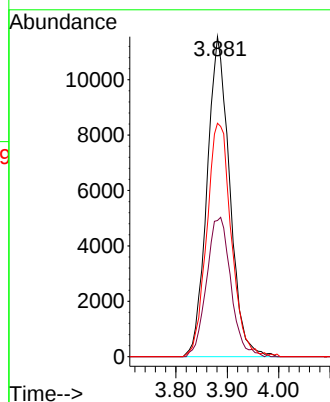
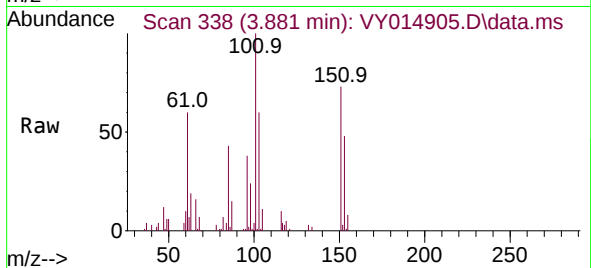
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.546 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion:101 Resp: 3539
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 79.0 67.0 100.6

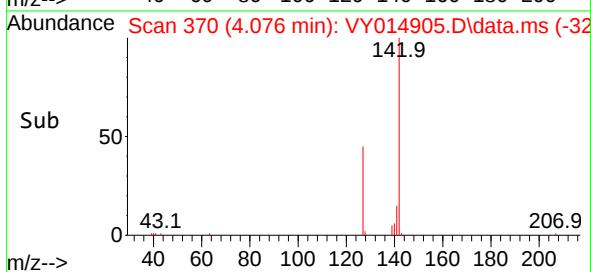
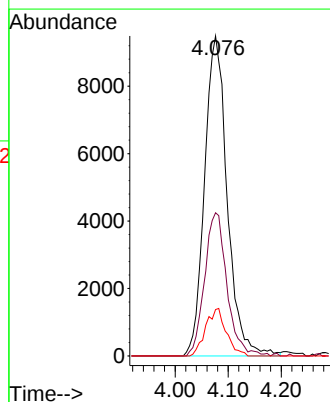
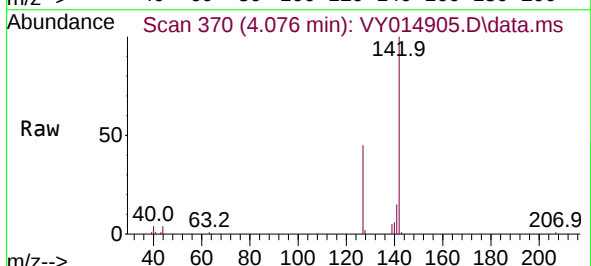
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 14.924 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion:142 Resp: 28181
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 13.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 77.092 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 59 Resp: 40190

Ion Ratio Lower Upper

59 100

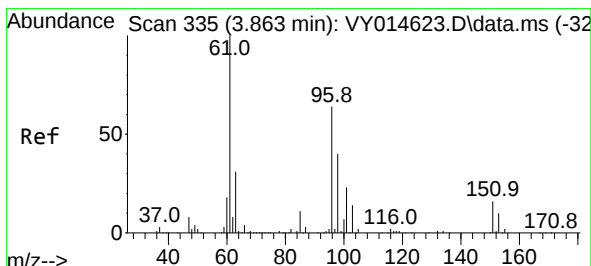
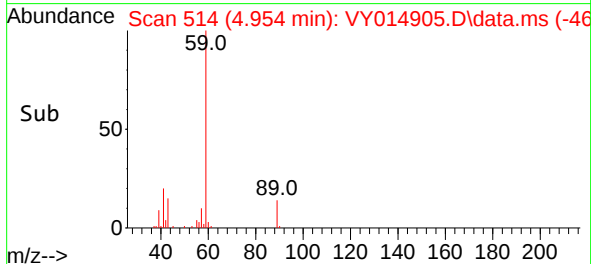
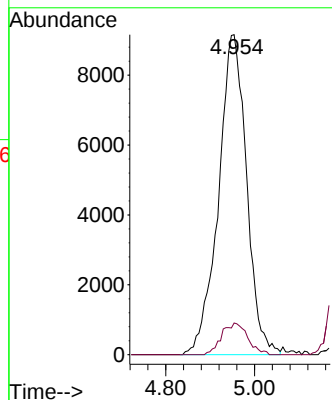
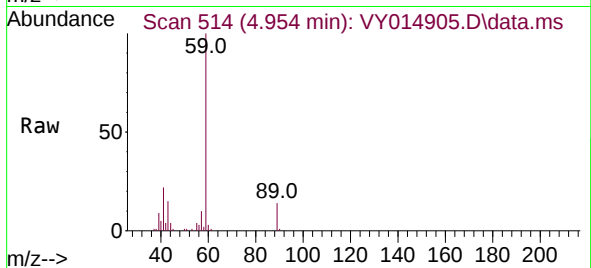
57 9.2 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#12

1,1-Dichloroethene

Concen: 17.460 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

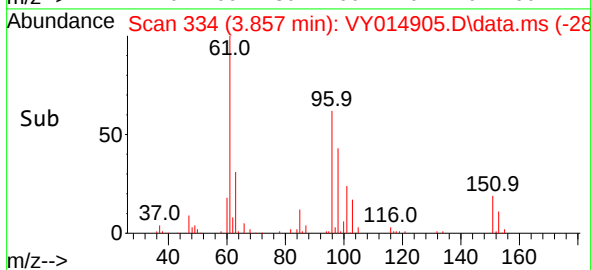
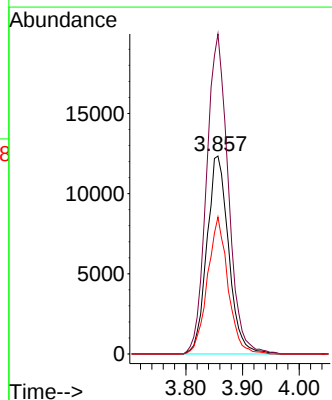
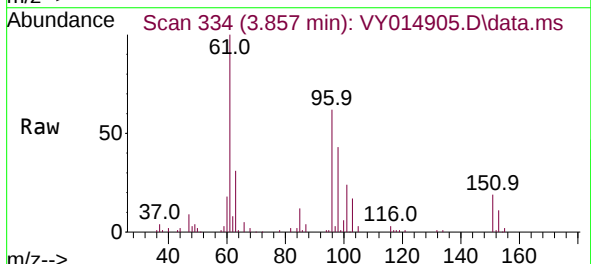
Tgt Ion: 96 Resp: 32916

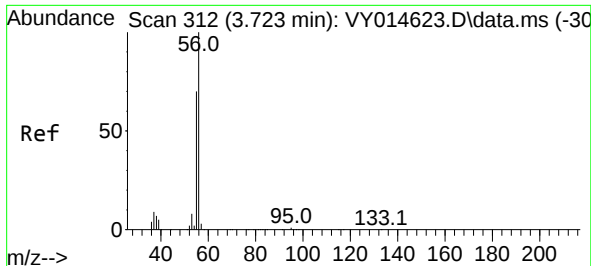
Ion Ratio Lower Upper

96 100

61 161.7 136.4 204.6

98 69.2 49.4 74.2





#13

Acrolein

Concen: 84.461 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 56 Resp: 1925

Ion Ratio Lower Upper

56 100

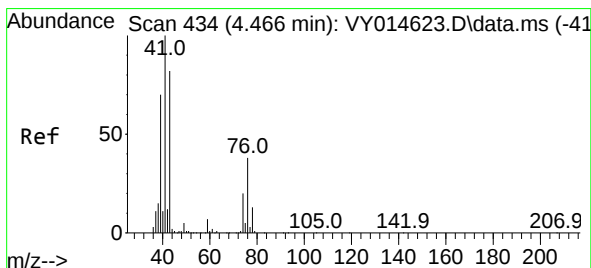
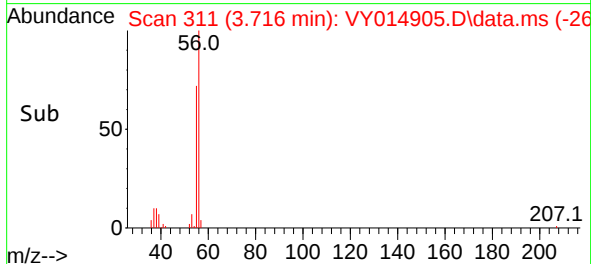
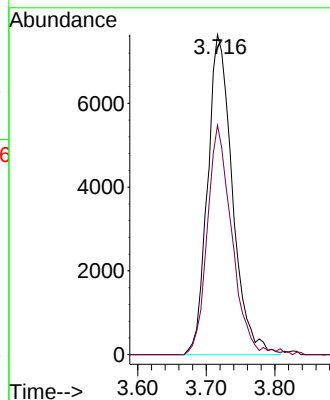
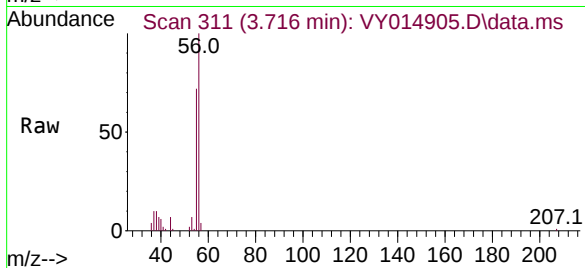
55 71.1 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Allyl chloride

Concen: 16.118 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

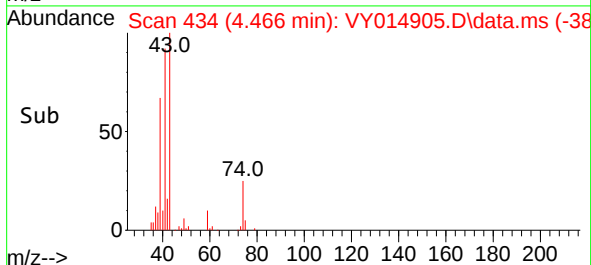
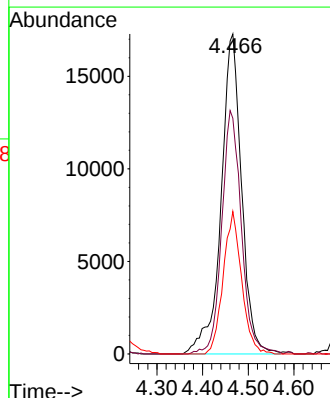
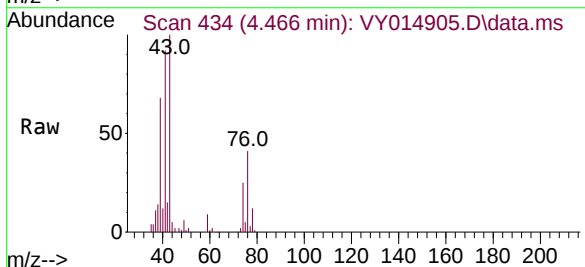
Tgt Ion: 41 Resp: 53954

Ion Ratio Lower Upper

41 100

39 72.7 58.0 87.0

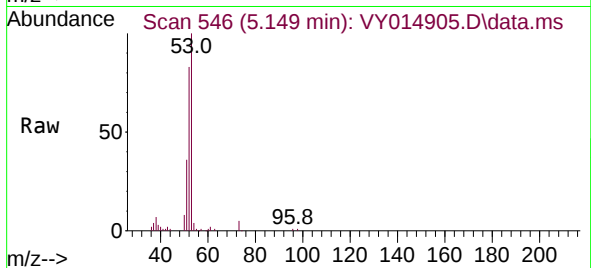
76 40.0 27.4 41.2





#15
Acrylonitrile
Concen: 102.270 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

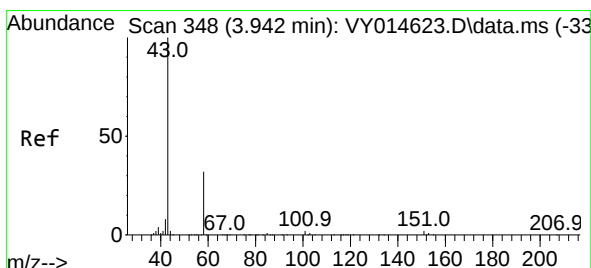
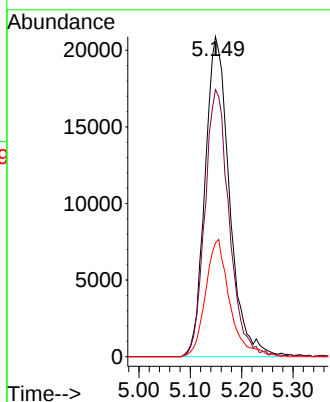
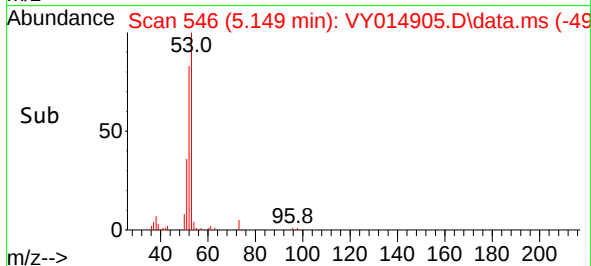
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 53 Resp: 6905
Ion Ratio Lower Upper
53 100
52 83.1 66.9 100.3
51 36.2 29.8 44.6

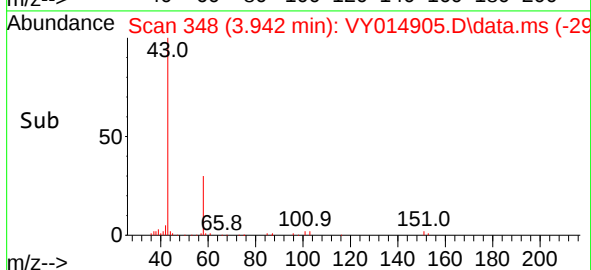
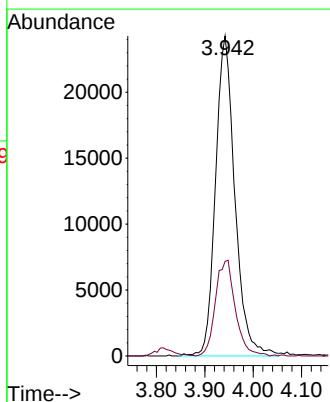
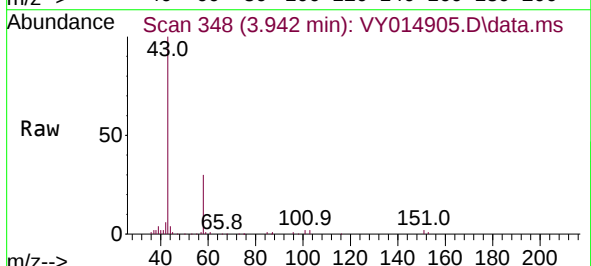
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 97.491 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

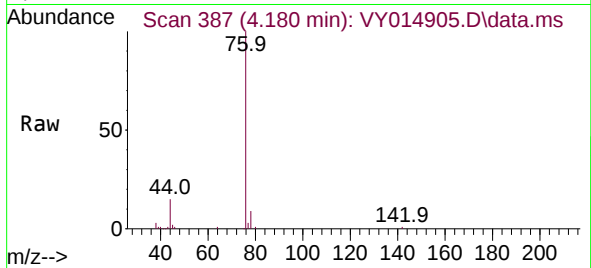
Tgt Ion: 43 Resp: 67398
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1





#17
Carbon Disulfide
Concen: 16.252 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

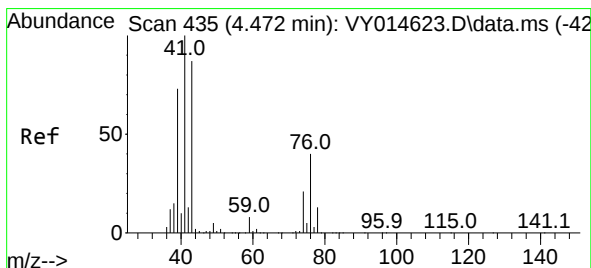
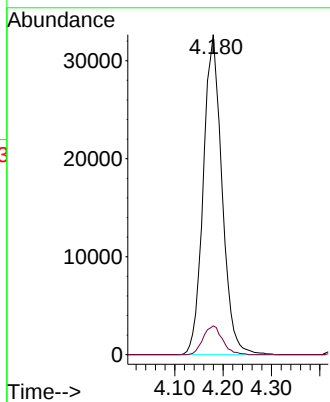
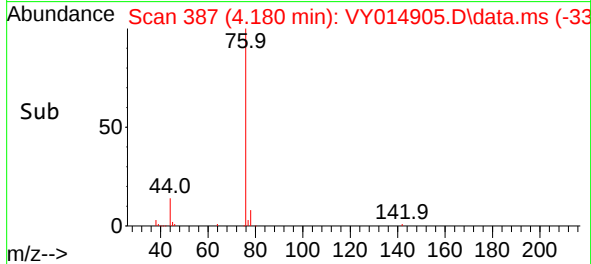
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 76 Resp: 8772
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

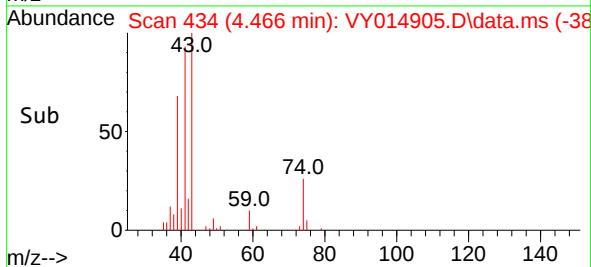
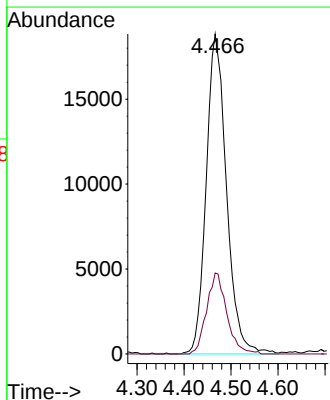
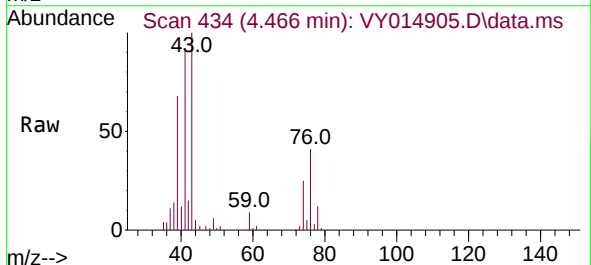
Manual Integrations
APPROVED

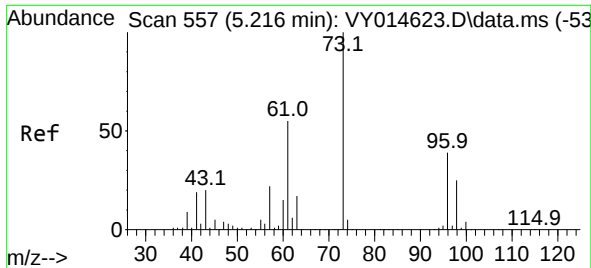
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 21.273 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

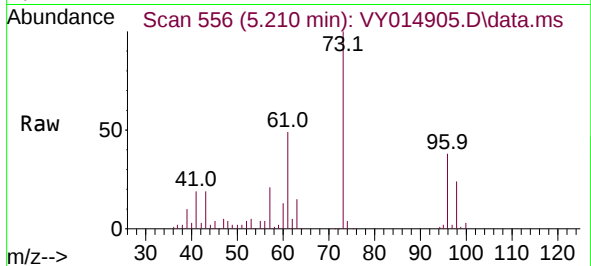
Tgt Ion: 43 Resp: 56436
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 19.065 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

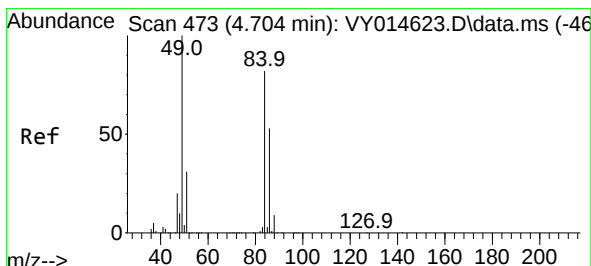
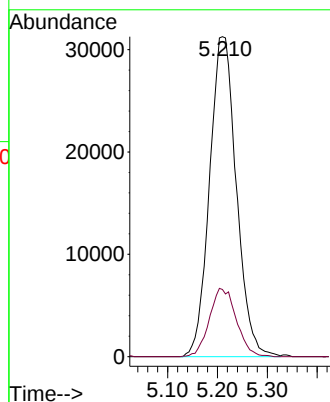
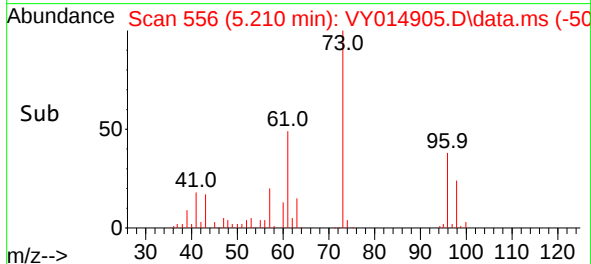
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 73 Resp: 116758
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

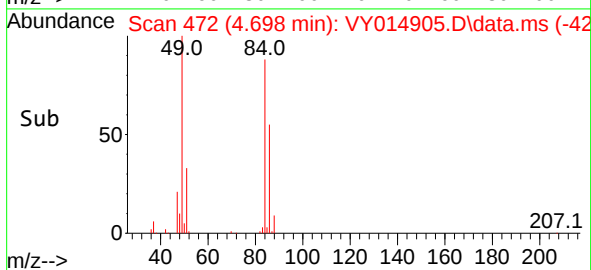
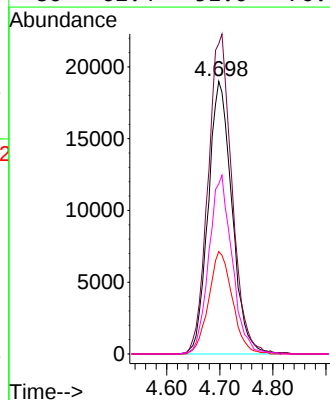
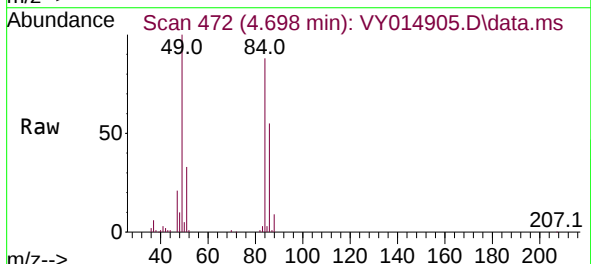
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 24.178 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

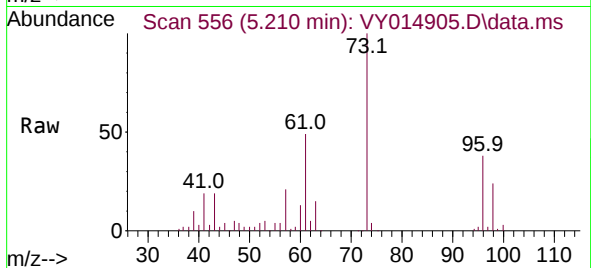
Tgt Ion: 84 Resp: 59197
Ion Ratio Lower Upper
84 100
49 113.8 106.9 160.3
51 37.6 33.2 49.8
86 62.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.906 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

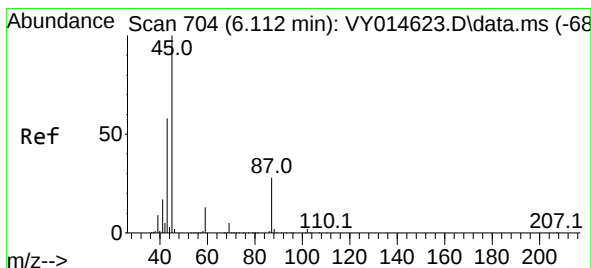
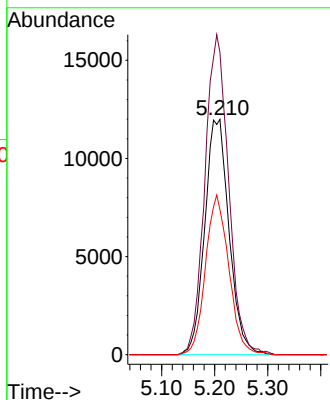
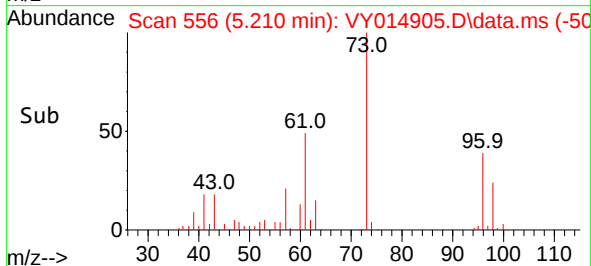
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



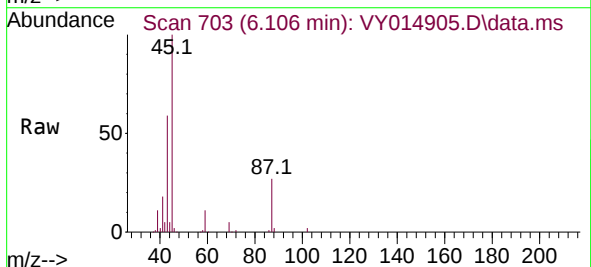
Tgt Ion: 96 Resp: 38310
Ion Ratio Lower Upper
96 100
61 128.4 110.2 165.4
98 61.6 51.8 77.6

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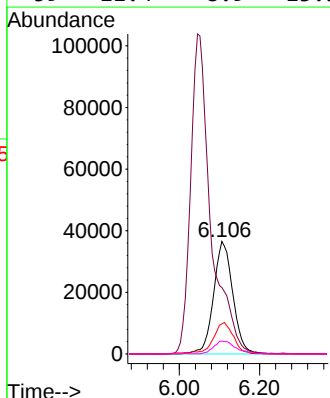
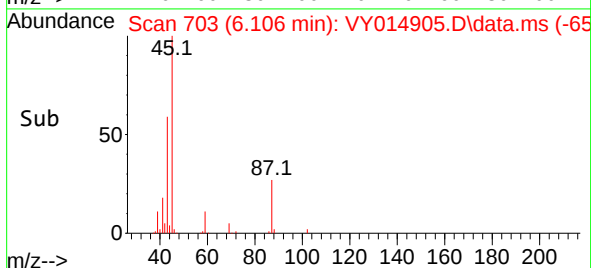
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
Diisopropyl ether
Concen: 17.916 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



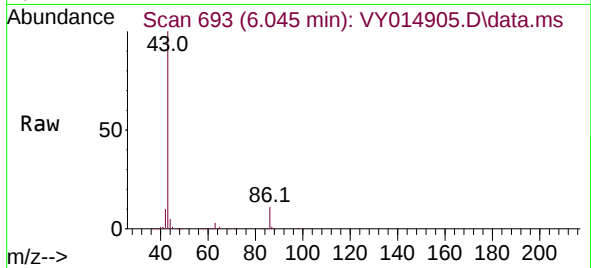
Tgt Ion: 45 Resp: 121925
Ion Ratio Lower Upper
45 100
43 58.6 52.2 78.4
87 26.7 21.0 31.6
59 11.4 8.9 13.3





#23
 Vinyl Acetate
 Concen: 89.180 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43

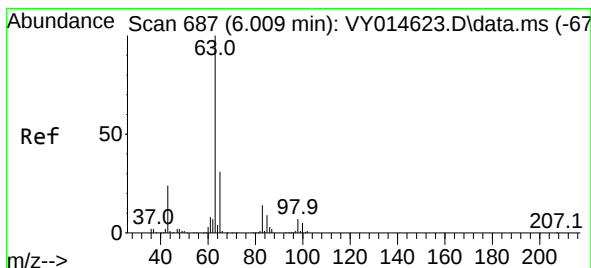
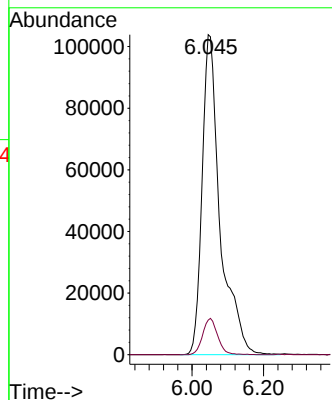
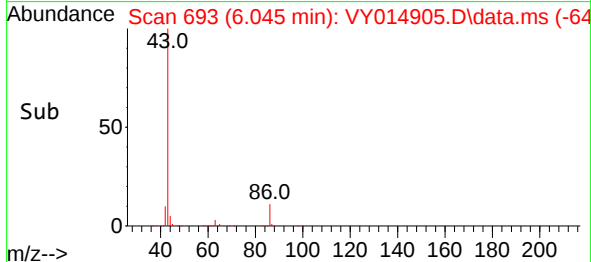
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS03



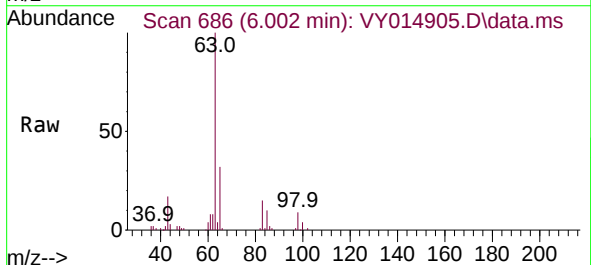
Tgt Ion: 43 Resp: 36319
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3

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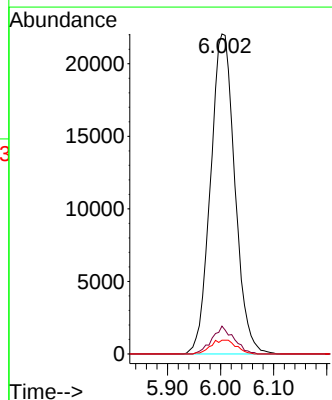
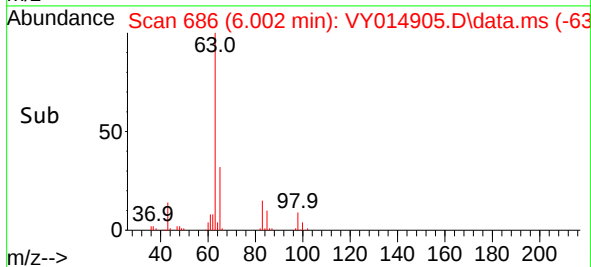
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#24
 1,1-Dichloroethane
 Concen: 18.024 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.007 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43



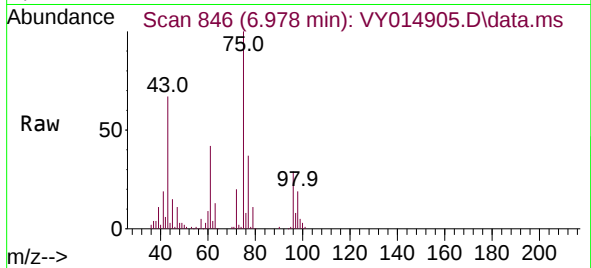
Tgt Ion: 63 Resp: 70185
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.1 9.4
 100 4.3 1.8 5.5





#25
2-Butanone
Concen: 104.773 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

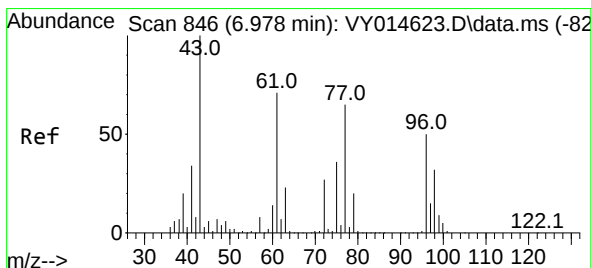
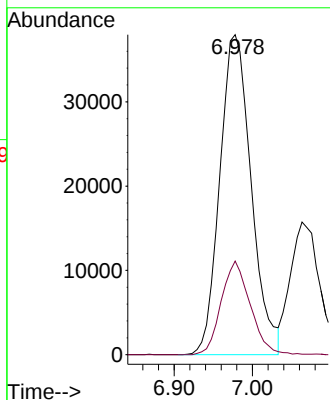
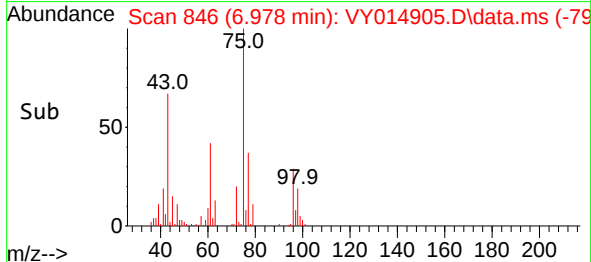
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



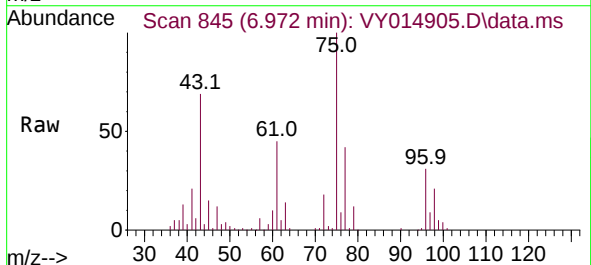
Tgt Ion: 43 Resp: 105968
Ion Ratio Lower Upper
43 100
72 29.3 20.5 30.7

Manual Integrations
APPROVED

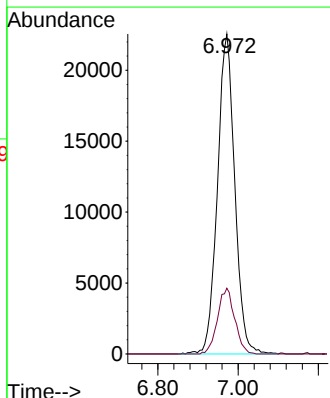
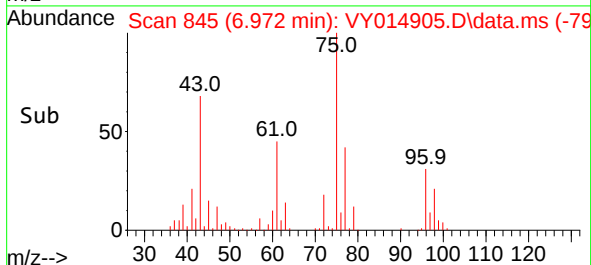
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

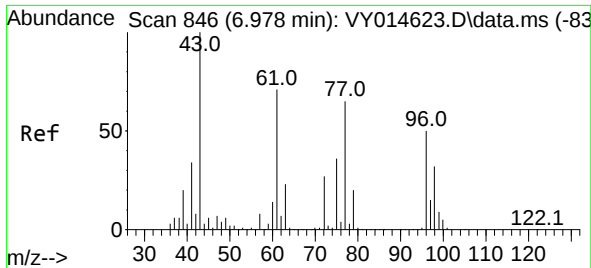


#26
2,2-Dichloropropane
Concen: 18.216 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



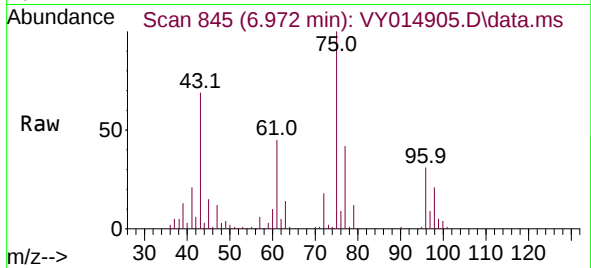
Tgt Ion: 77 Resp: 67602
Ion Ratio Lower Upper
77 100
97 20.3 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.477 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43

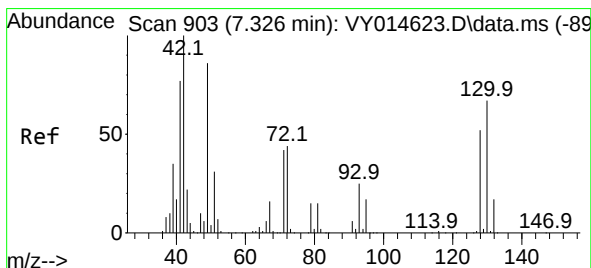
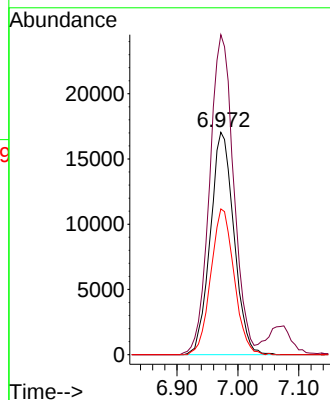
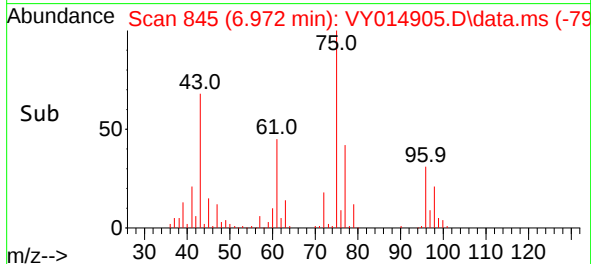
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS03



Tgt Ion: 96 Resp: 46014
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 301.4
 98 64.4 0.0 130.4

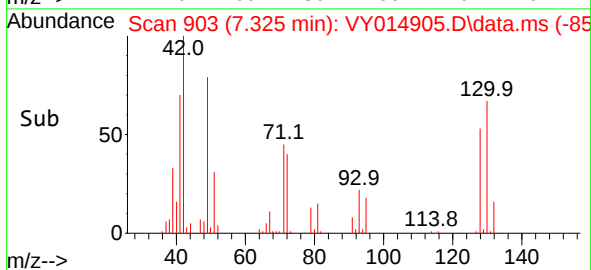
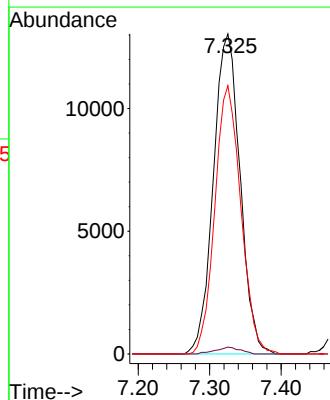
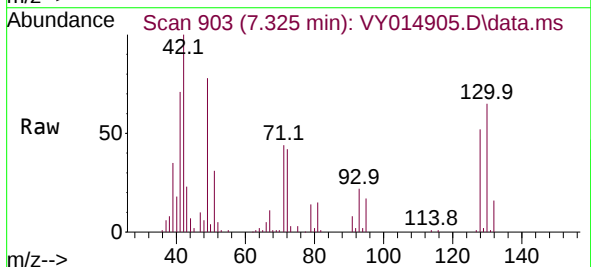
Manual Integrations
 APPROVED

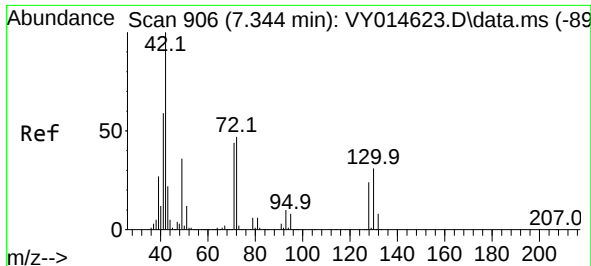
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 20.152 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43

Tgt Ion: 49 Resp: 33796
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 81.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.056 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

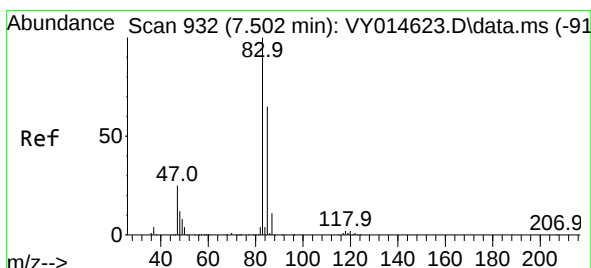
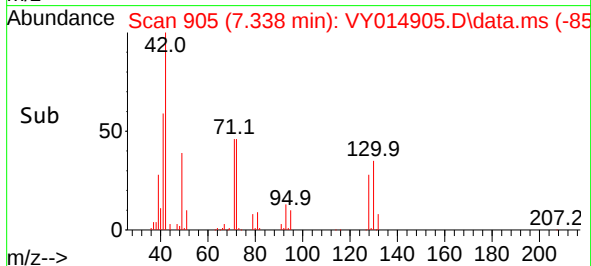
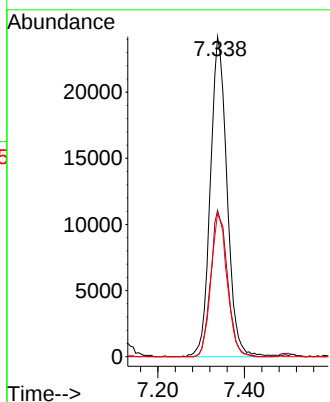
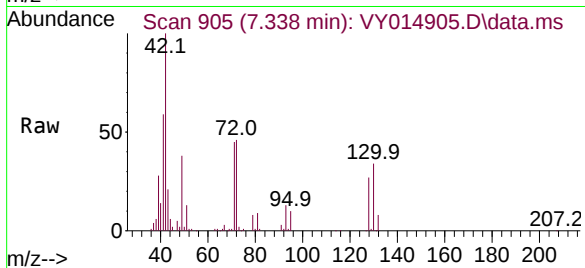
Tgt Ion:	42	Resp:	64804
Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.8	49.2
71	43.7	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 18.613 ug/l

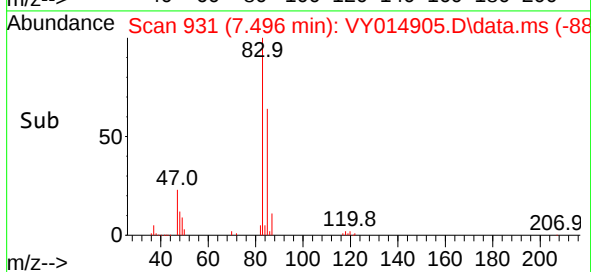
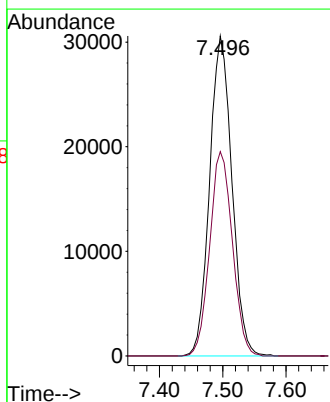
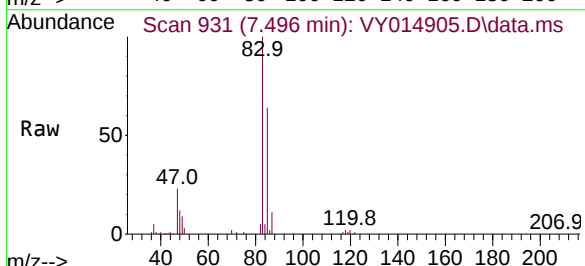
RT: 7.496 min Scan# 931

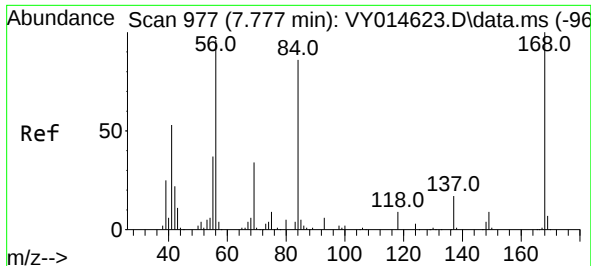
Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

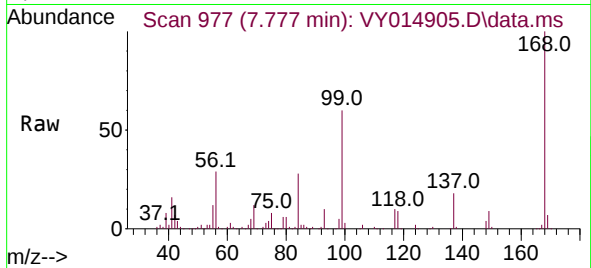
Tgt Ion:	83	Resp:	74740
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.7	74.5





#31
Cyclohexane
Concen: 15.949 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

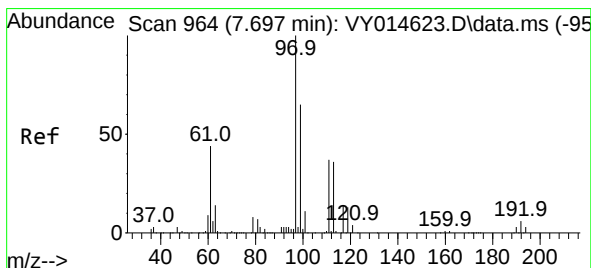
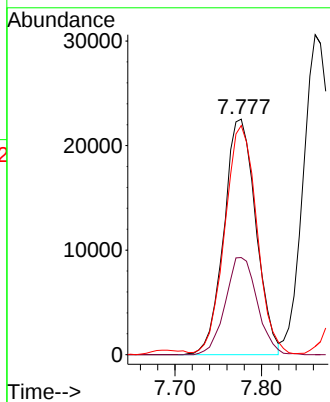
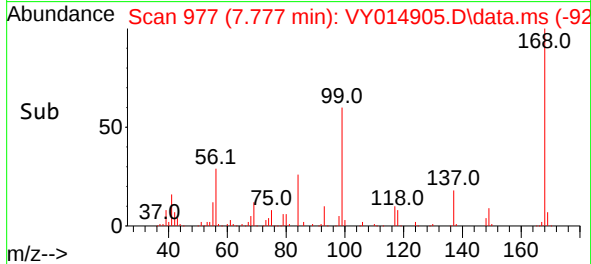
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



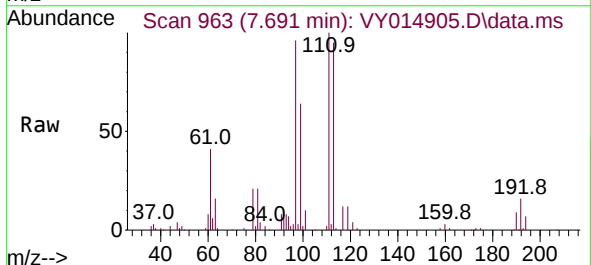
Tgt Ion: 56 Resp: 5775
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 95.8 66.4 99.6

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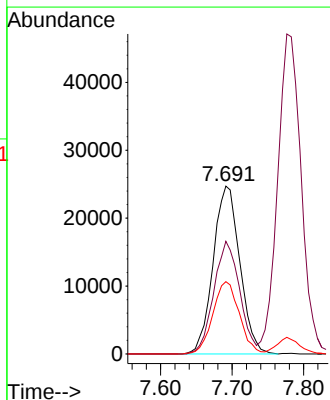
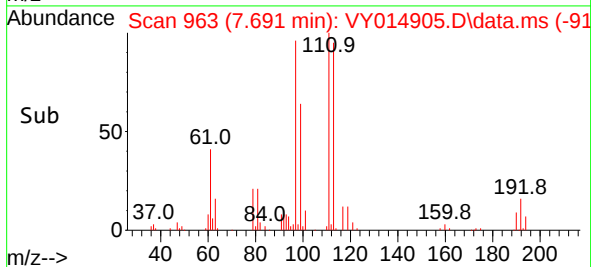
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 17.742 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



Tgt Ion: 97 Resp: 64119
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 42.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.574 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 65 Resp: 12124

Ion Ratio Lower Upper

65 100

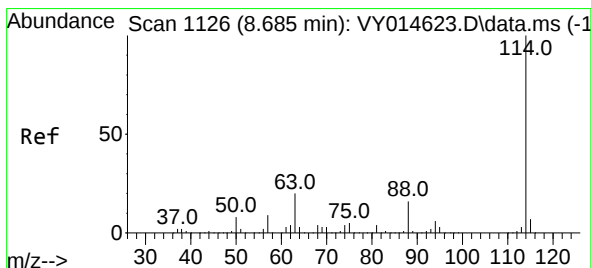
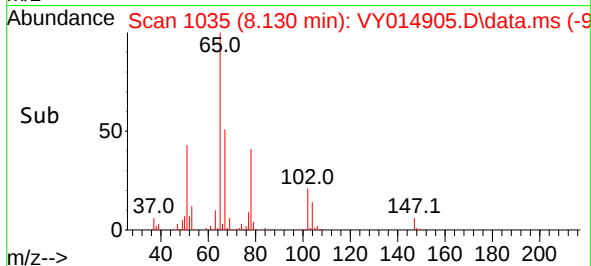
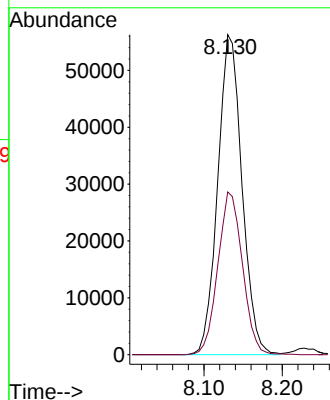
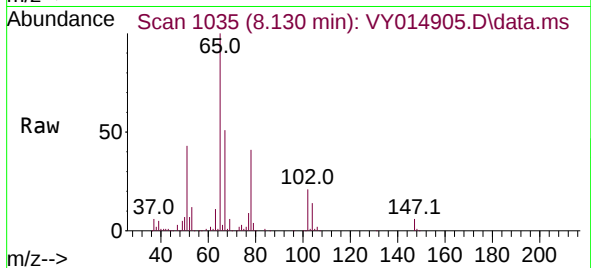
67 51.5 0.0 101.8

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: VY014905.D

Acq: 28 Jul 2023 13:43

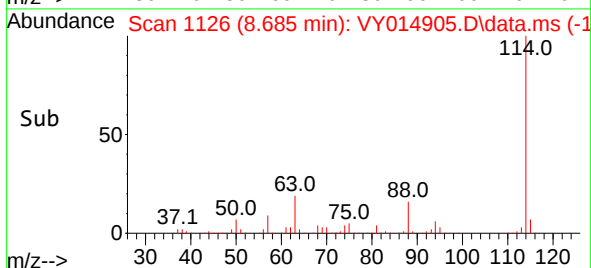
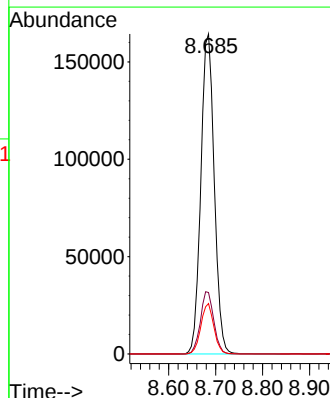
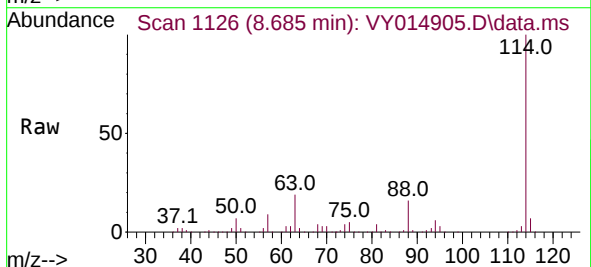
Tgt Ion:114 Resp: 326177

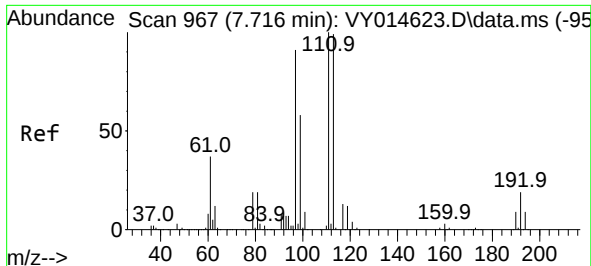
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.624 ug/l

RT: 7.709 min Scan# 90

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 113 Resp: 10719

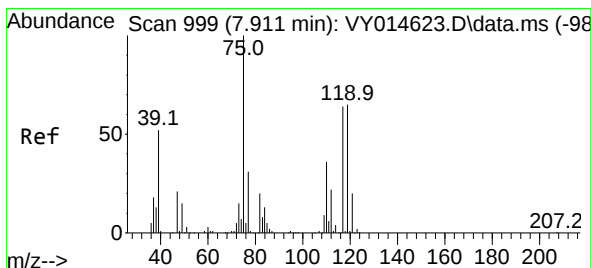
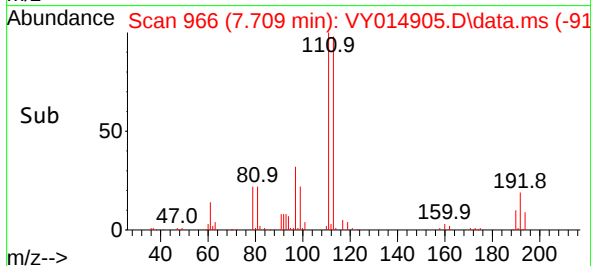
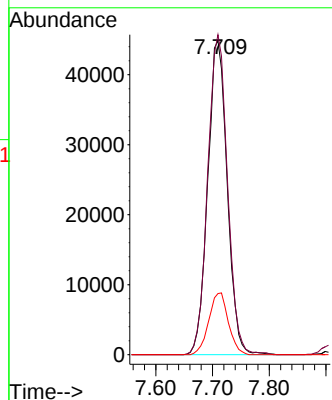
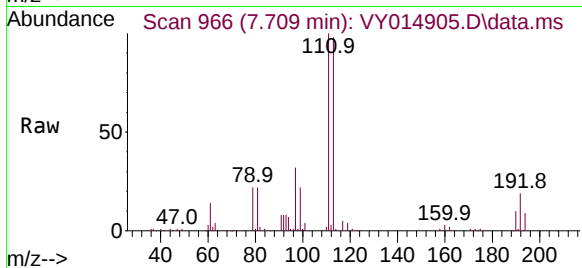
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	19.8	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 16.960 ug/l

RT: 7.911 min Scan# 999

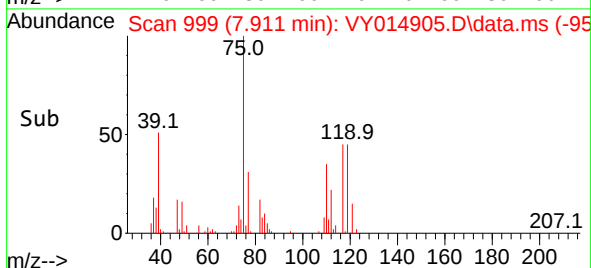
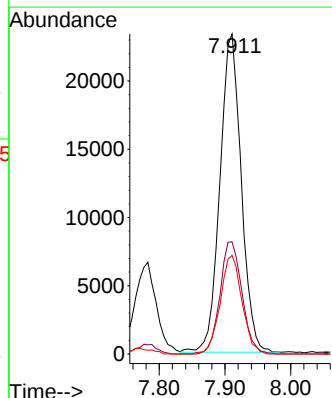
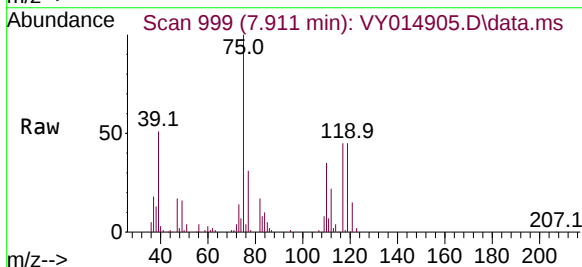
Delta R.T. -0.000 min

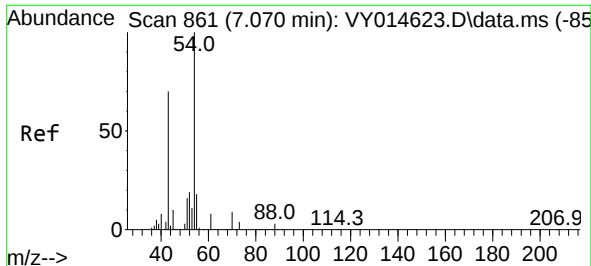
Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion: 75 Resp: 52662

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.5
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 19.684 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

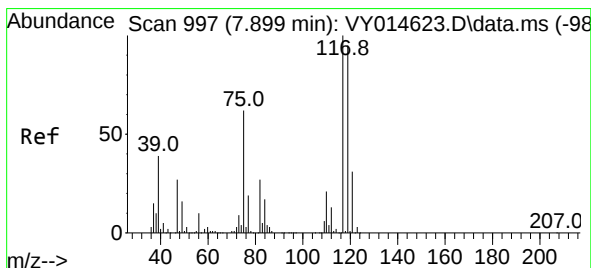
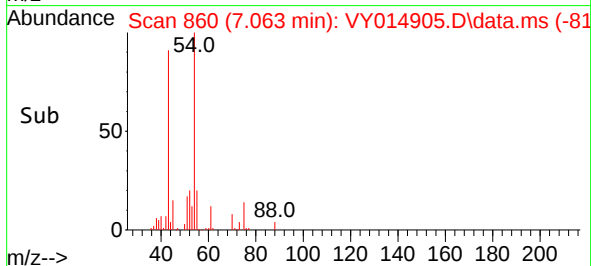
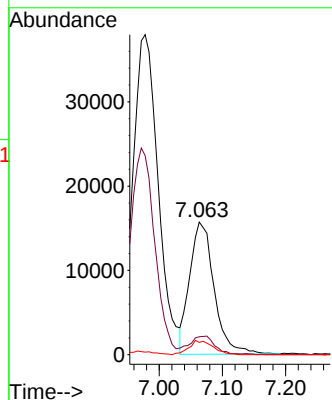
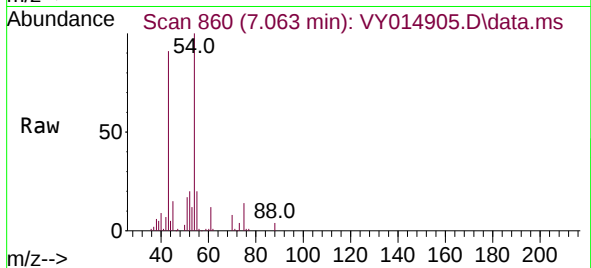
Tgt Ion: 43 Resp: 4208

Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.1	15.1
70	10.4	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: 17.078 ug/l

RT: 7.886 min Scan# 995

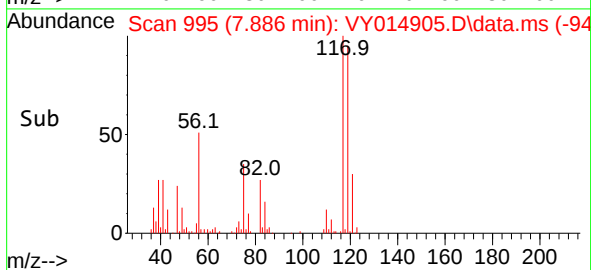
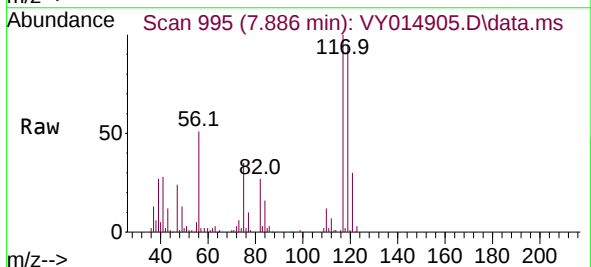
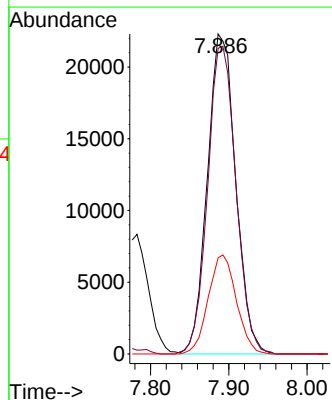
Delta R.T. -0.013 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:117 Resp: 56056

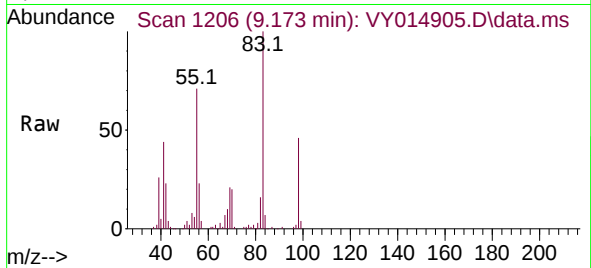
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
121	30.0	25.8	38.6





#39
Methylcyclohexane
Concen: 15.682 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

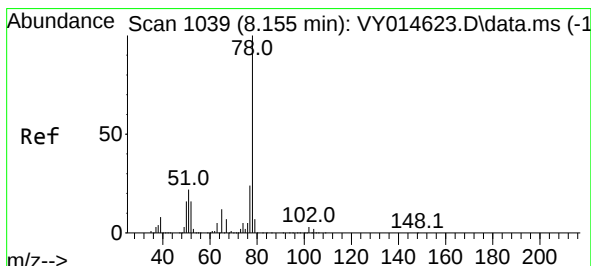
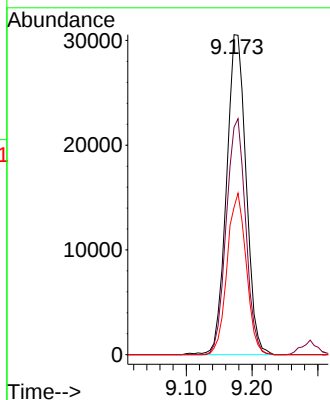
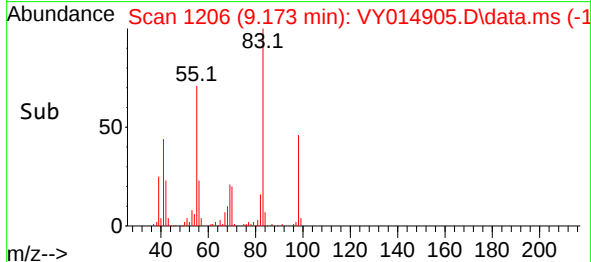
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 83 Resp: 6344
Ion Ratio Lower Upper
83 100
55 71.1 63.0 94.4
98 46.0 37.4 56.2

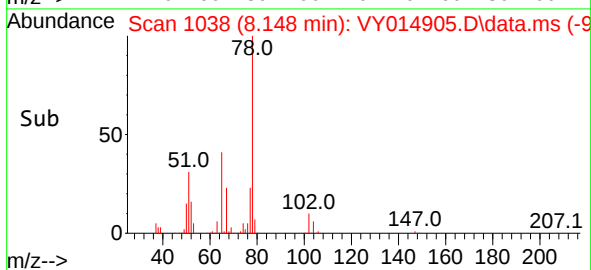
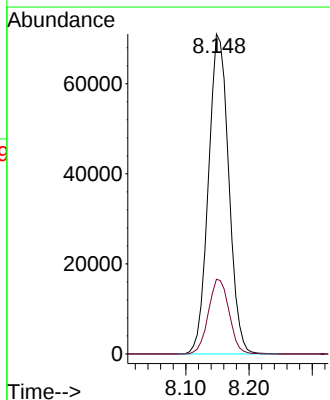
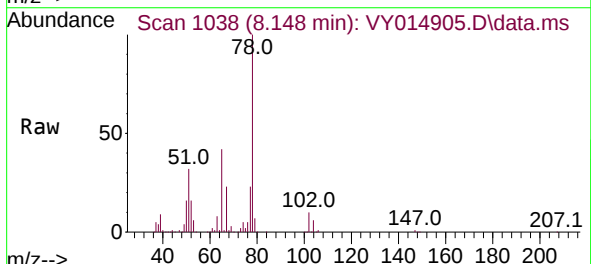
Manual Integrations
APPROVED

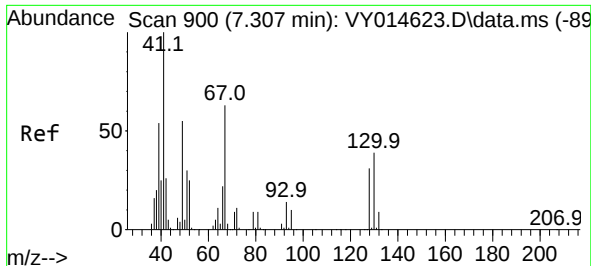
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#40
Benzene
Concen: 17.947 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

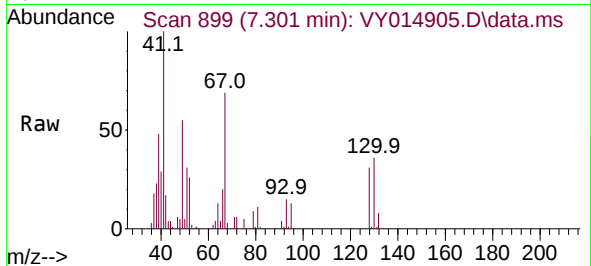
Tgt Ion: 78 Resp: 158495
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 19.709 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

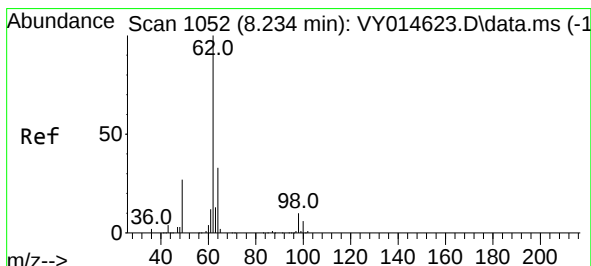
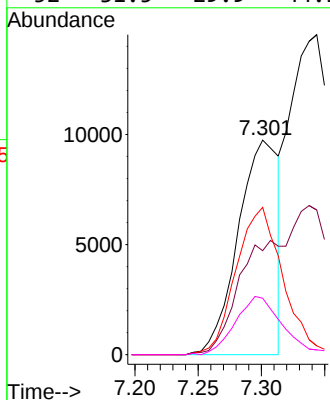
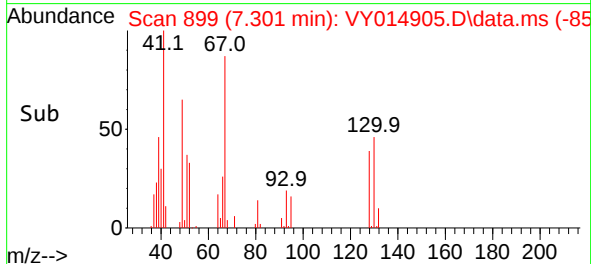
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion:	41	Resp:	2167
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1
67	79.8	66.2	99.2
52	31.5	29.9	44.9

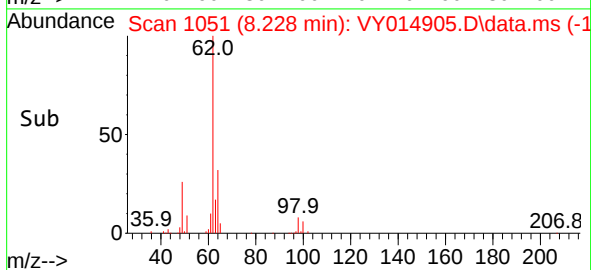
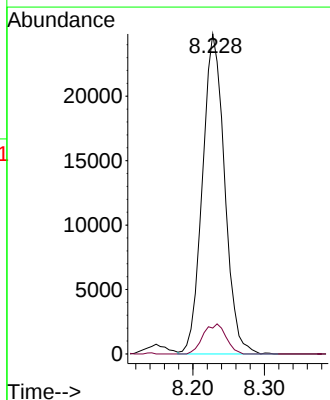
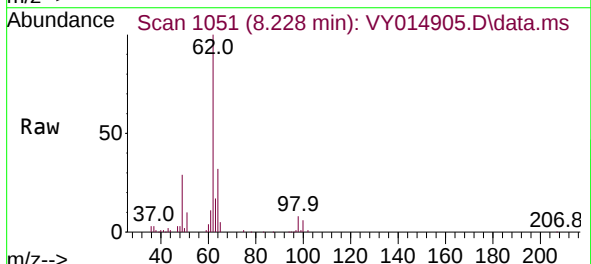
Manual Integrations
APPROVED

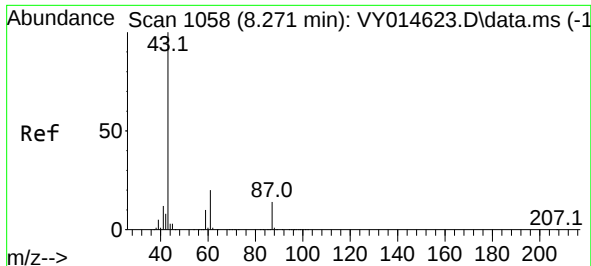
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 19.104 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

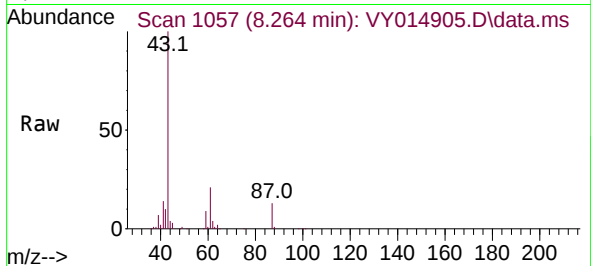
Tgt Ion:	62	Resp:	53426
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8





#43
Isopropyl Acetate
Concen: 18.204 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

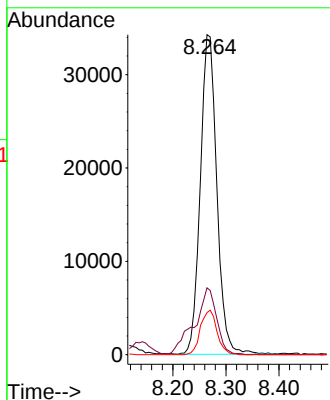
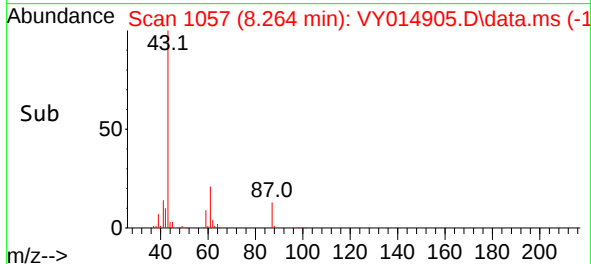
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 43 Resp: 74134
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 13.9 9.8 14.8

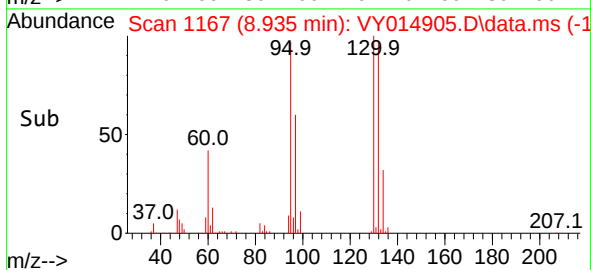
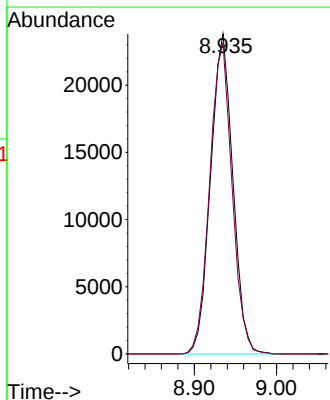
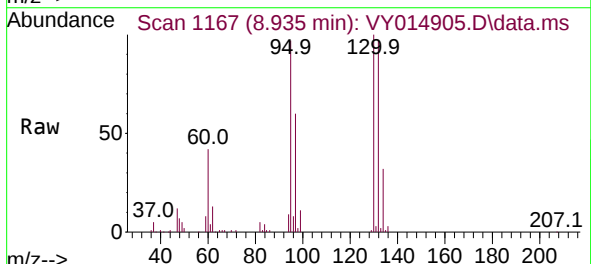
Manual Integrations
APPROVED

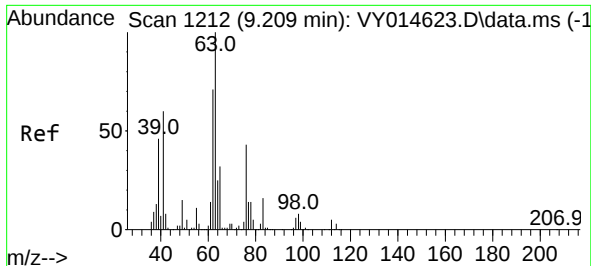
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 18.127 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

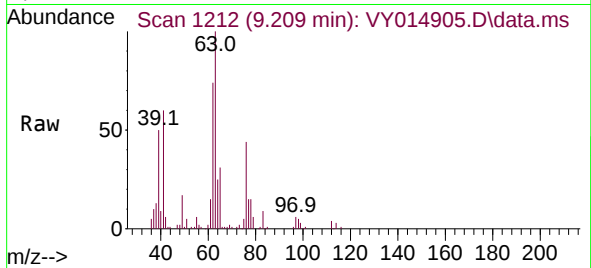
Tgt Ion:130 Resp: 44789
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.0





#45
1,2-Dichloropropane
Concen: 17.338 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

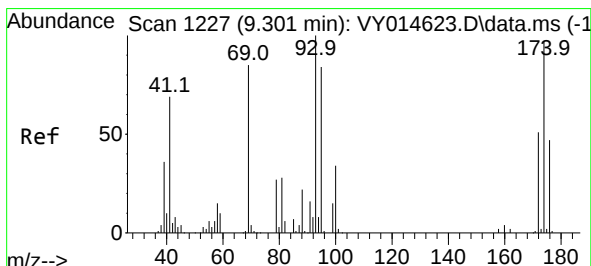
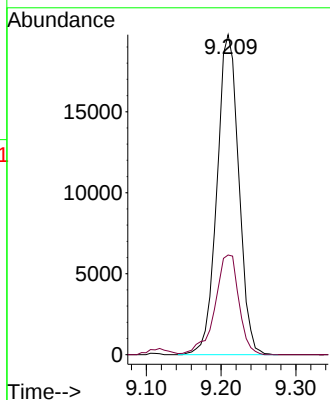
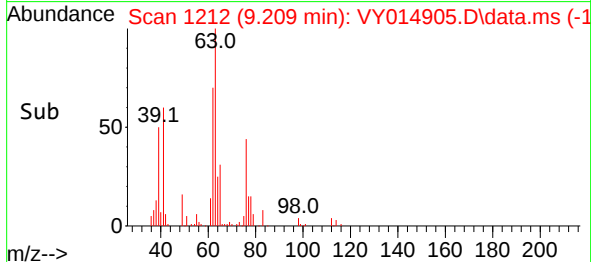
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 63 Resp: 3998
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6

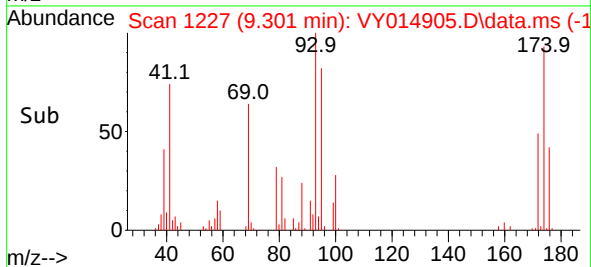
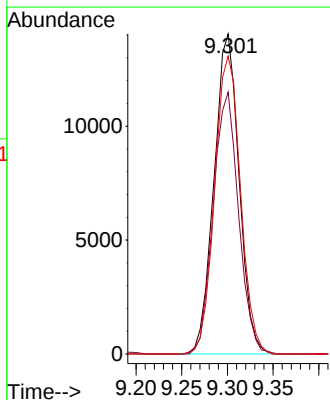
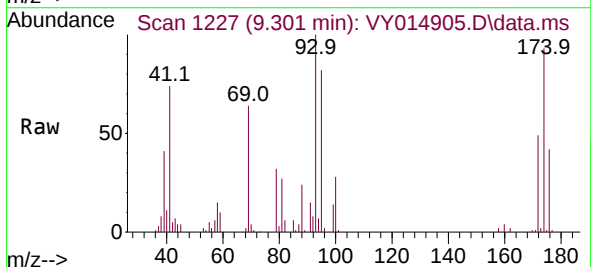
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 19.134 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

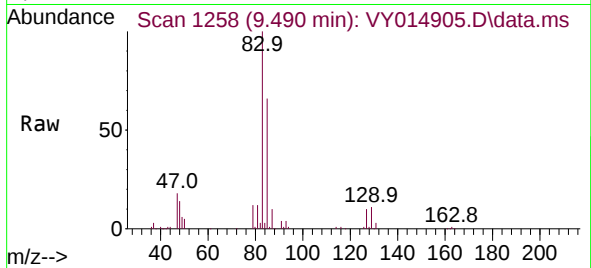
Tgt Ion: 93 Resp: 26767
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 95.8 84.8 127.2





#47
Bromodichloromethane
Concen: 17.695 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

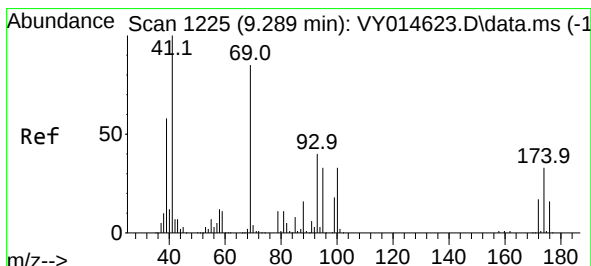
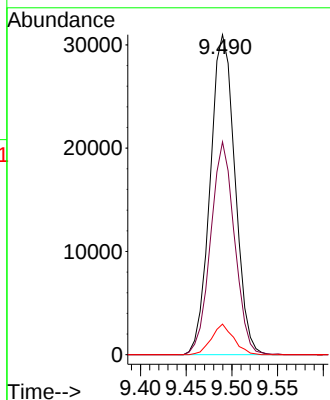
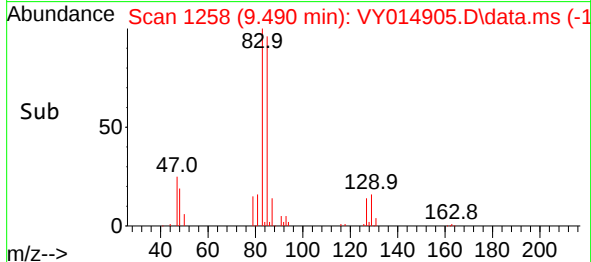
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 83 Resp: 58344
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 9.6 7.1 10.7

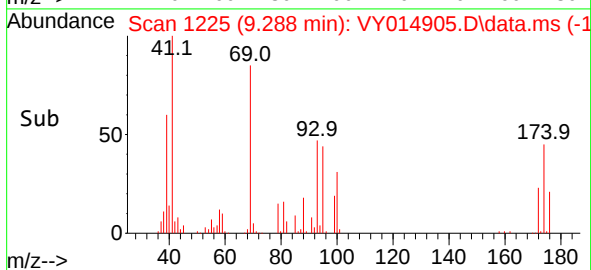
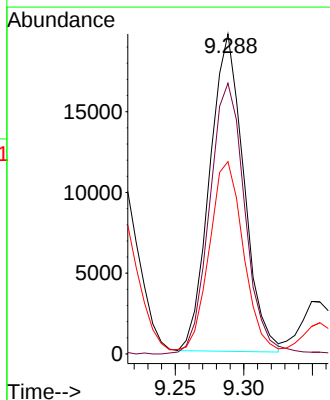
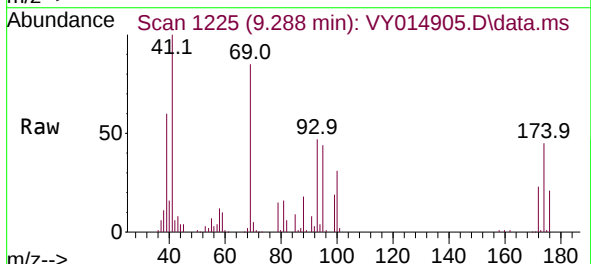
Manual Integrations
APPROVED

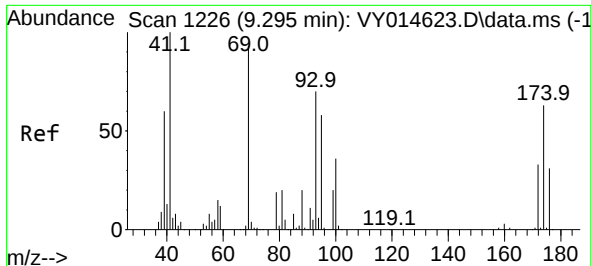
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 18.541 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 41 Resp: 33977
Ion Ratio Lower Upper
41 100
69 89.0 64.5 96.7
39 61.6 50.8 76.2





#49

1,4-Dioxane

Concen: 414.053 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

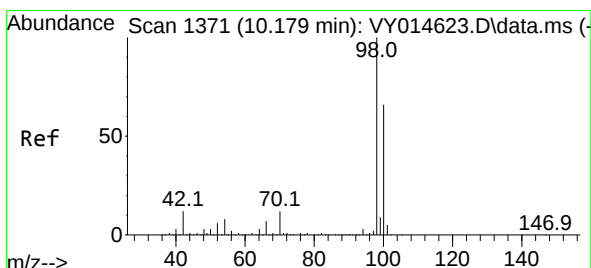
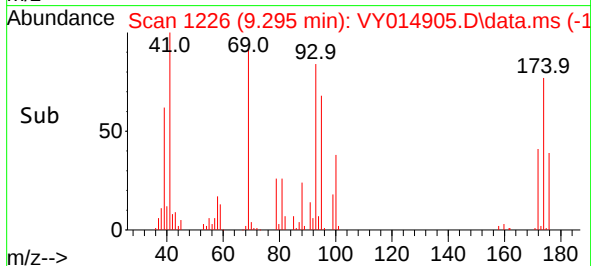
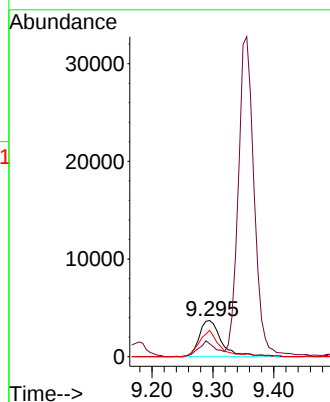
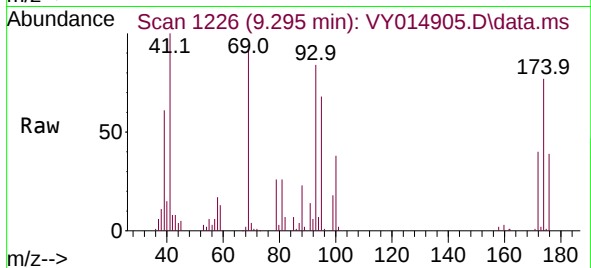
Tgt Ion: 88 Resp: 944
 Ion Ratio Lower Upper
 88 100
 43 34.2 0.0 0.0
 58 63.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 50.349 ug/l

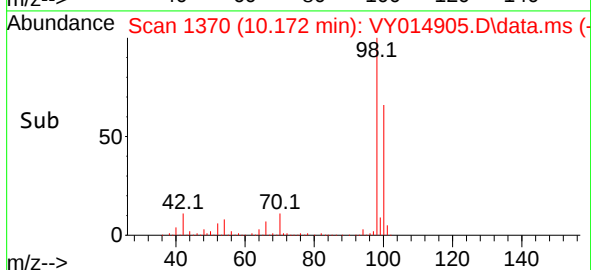
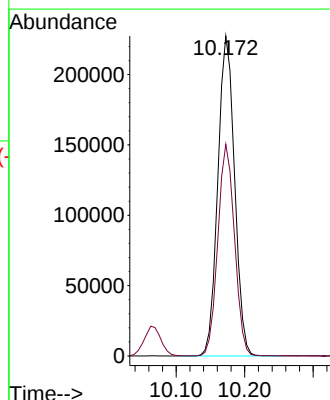
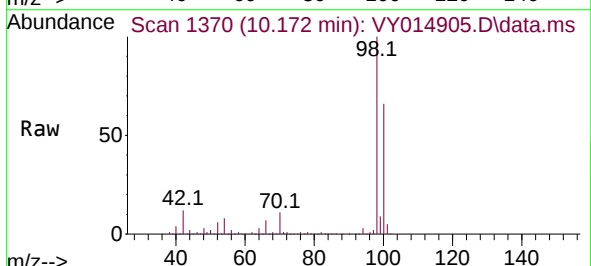
RT: 10.172 min Scan# 1370

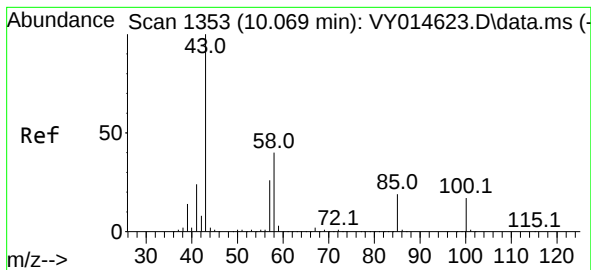
Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion: 98 Resp: 385429
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.1 75.1





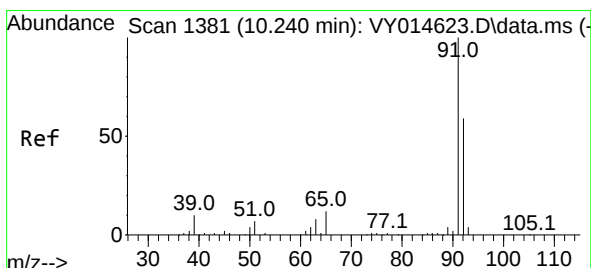
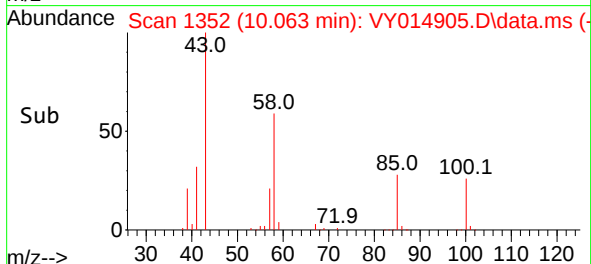
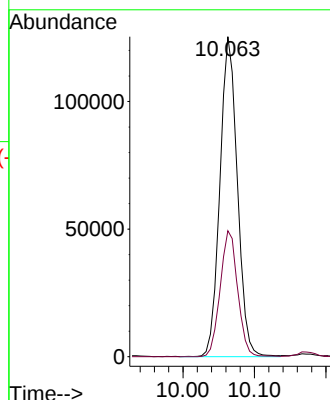
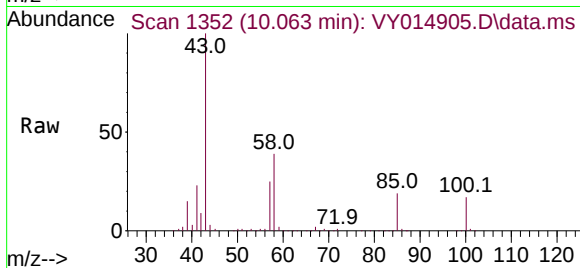
#51
4-Methyl-2-Pentanone
Concen: 99.501 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6

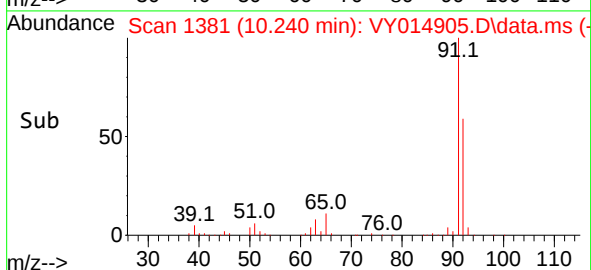
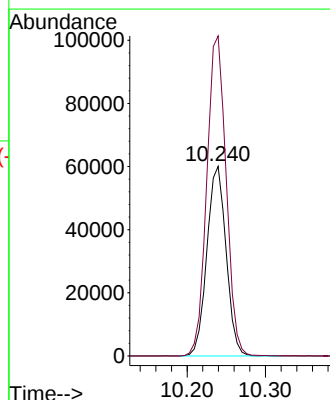
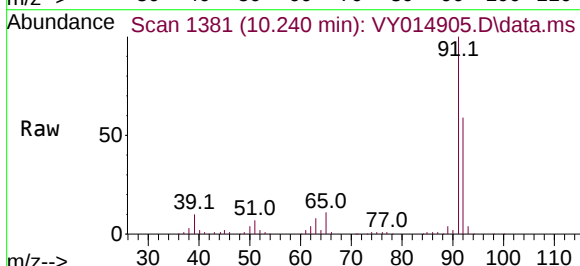
Manual Integrations
APPROVED

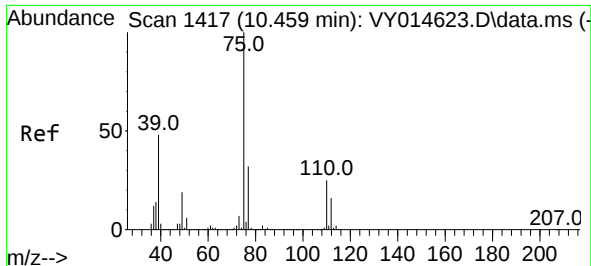
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 18.064 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

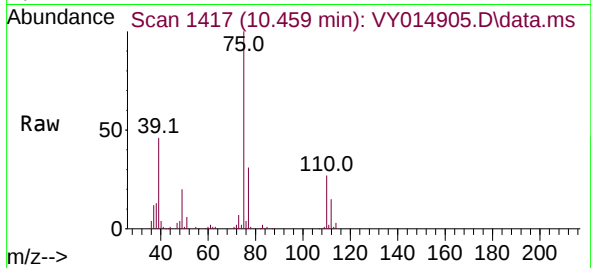
Tgt Ion: 92 Resp: 102079
Ion Ratio Lower Upper
92 100
91 170.1 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 17.098 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

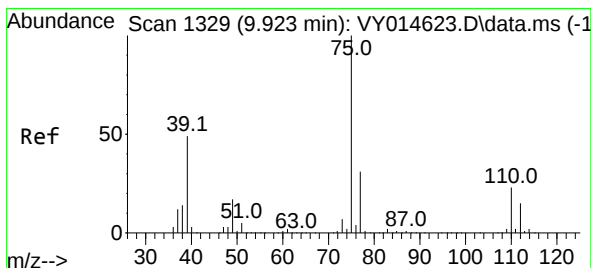
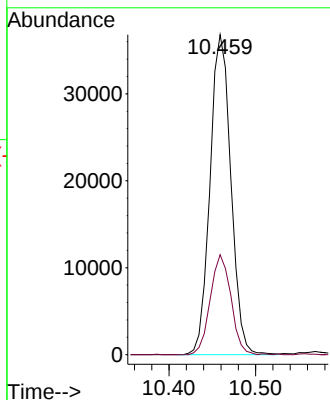
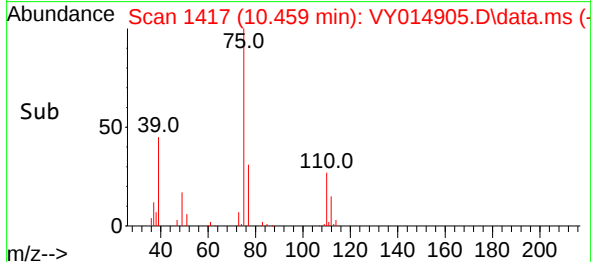
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 75 Resp: 61660
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

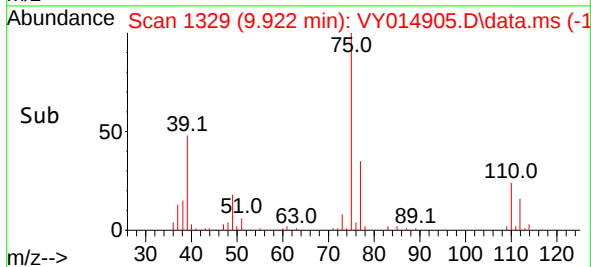
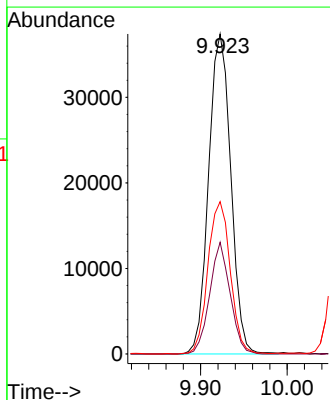
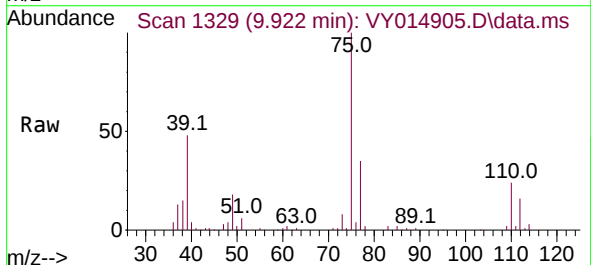
Manual Integrations
APPROVED

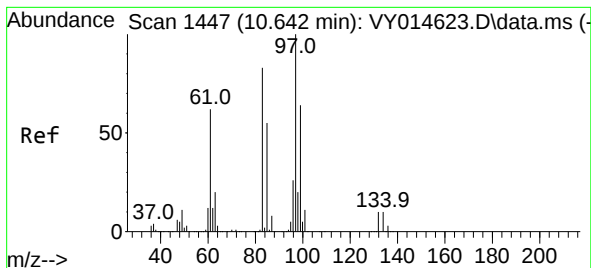
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 16.981 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.001 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 75 Resp: 66600
Ion Ratio Lower Upper
75 100
77 34.9 24.2 36.4
39 47.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.278 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

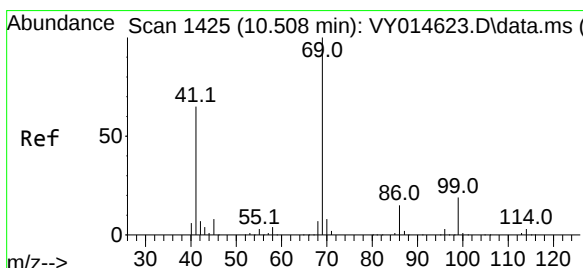
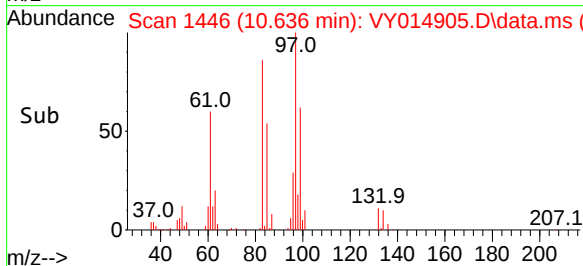
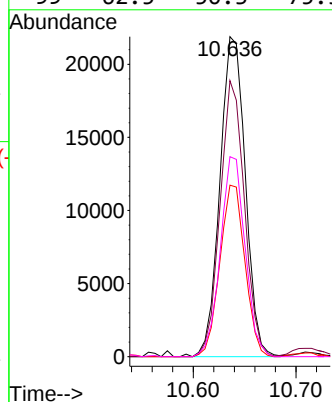
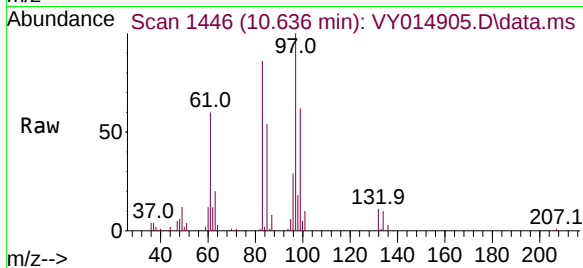
Tgt Ion: 97	Resp: 3756
Ion Ratio	Lower Upper
97 100	
83 86.3	72.0 108.0
85 53.6	45.4 68.0
99 62.5	50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#56

Ethyl methacrylate

Concen: 17.602 ug/l

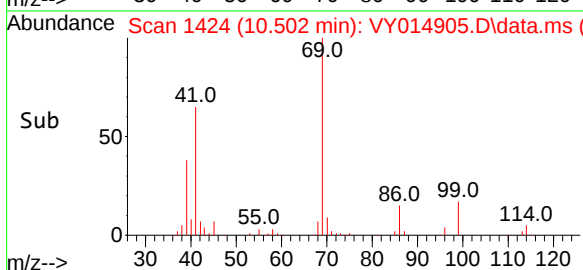
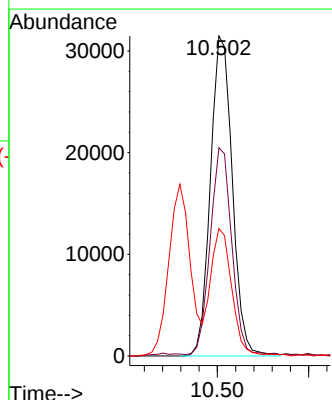
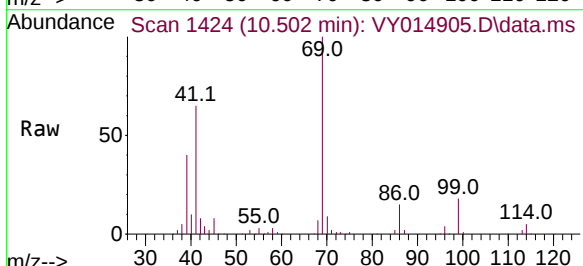
RT: 10.502 min Scan# 1424

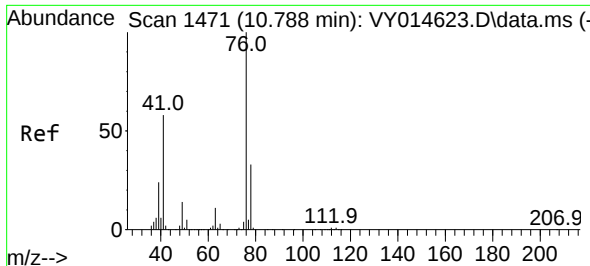
Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion: 69	Resp: 52371
Ion Ratio	Lower Upper
69 100	
41 63.8	57.6 86.4
39 38.5	34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.357 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 76 Resp: 6170

Ion Ratio Lower Upper

76 100

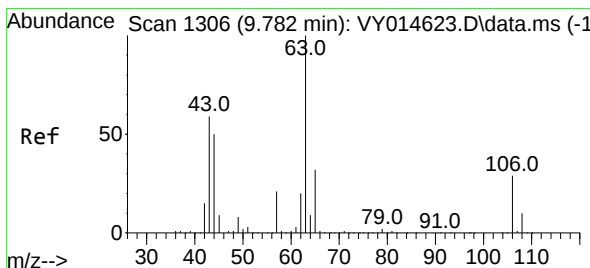
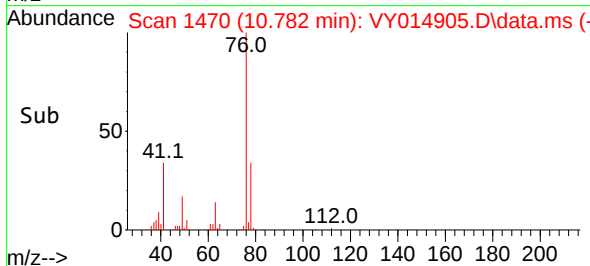
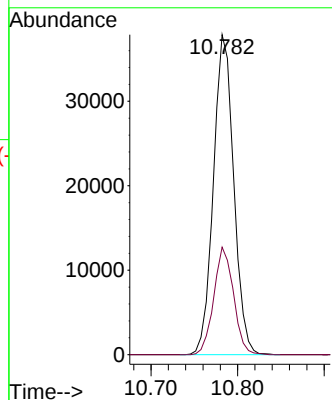
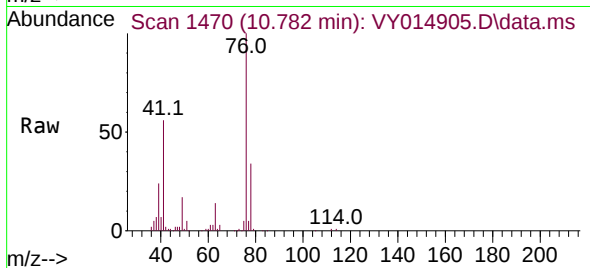
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.756 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014905.D

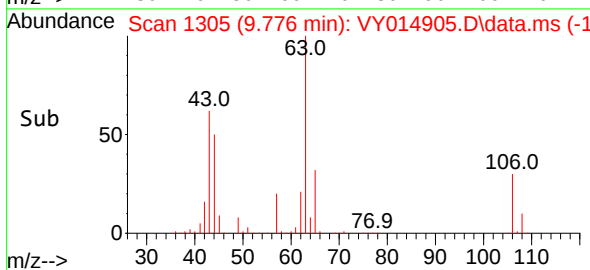
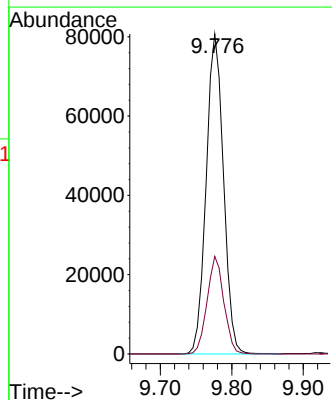
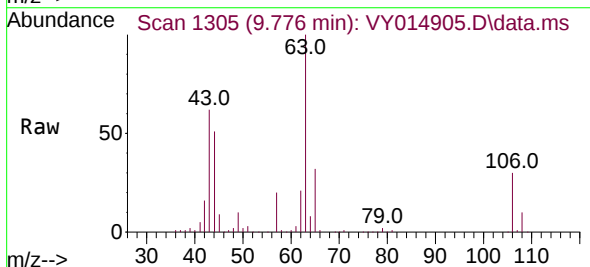
Acq: 28 Jul 2023 13:43

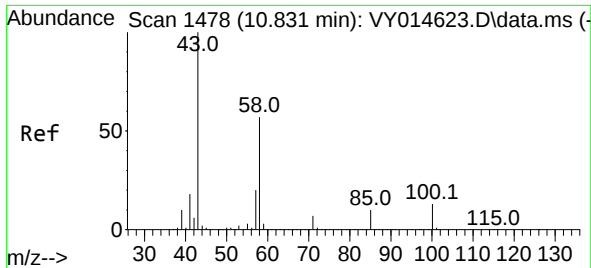
Tgt Ion: 63 Resp: 135522

Ion Ratio Lower Upper

63 100

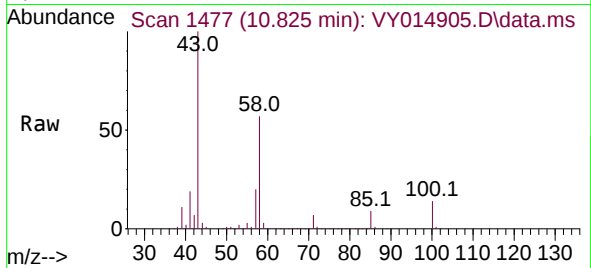
106 29.5 21.2 31.8





#59
2-Hexanone
Concen: 100.313 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

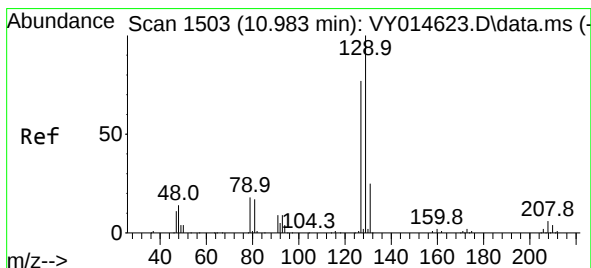
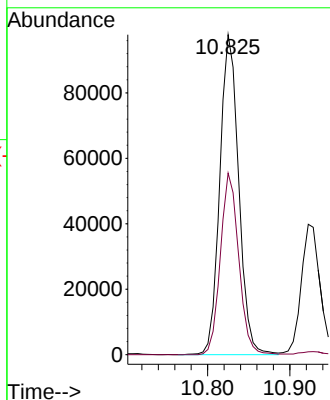
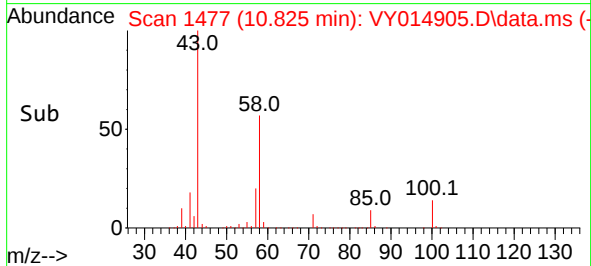
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion: 43 Resp: 156419
Ion Ratio Lower Upper
43 100
58 55.1 25.1 75.3

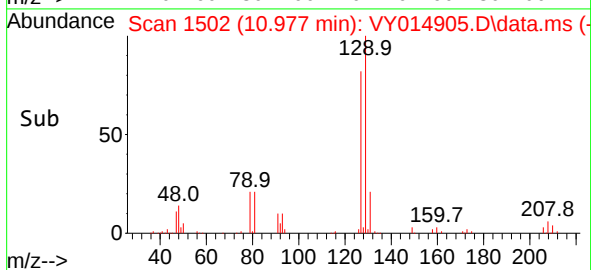
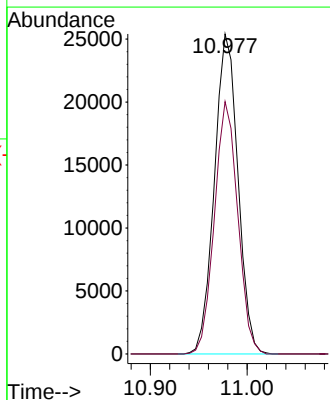
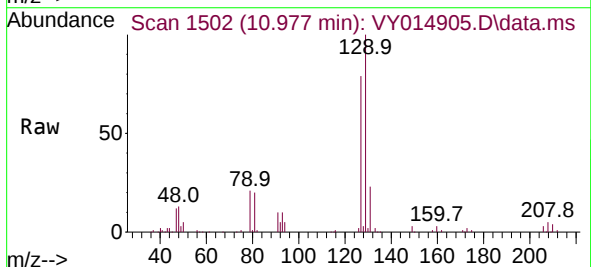
Manual Integrations
APPROVED

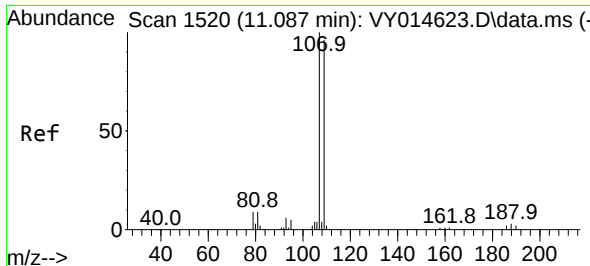
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 17.969 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

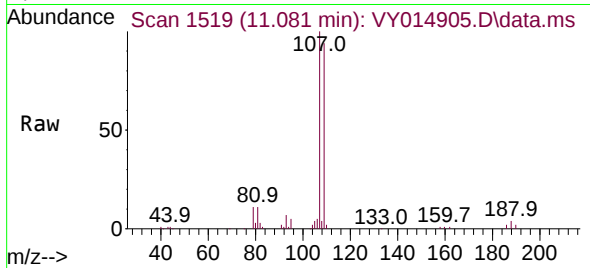
Tgt Ion:129 Resp: 42932
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.934 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

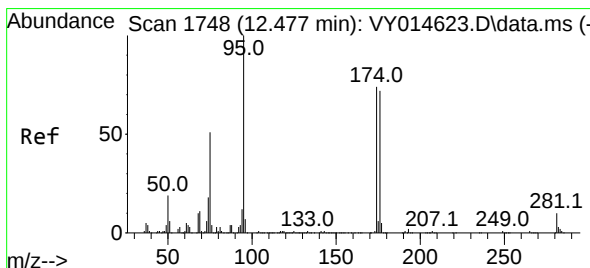
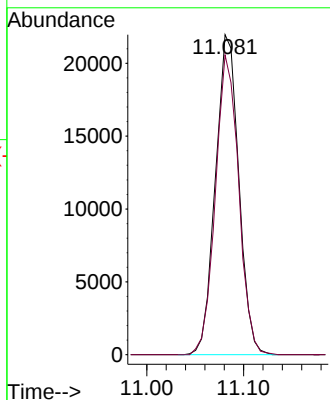
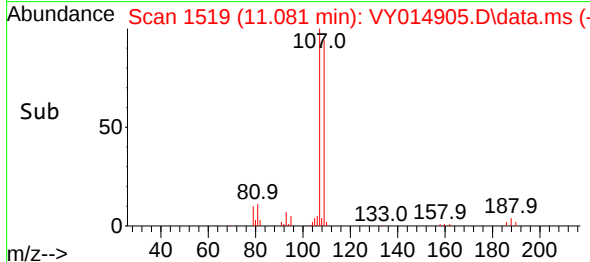
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion:107 Resp: 3680
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

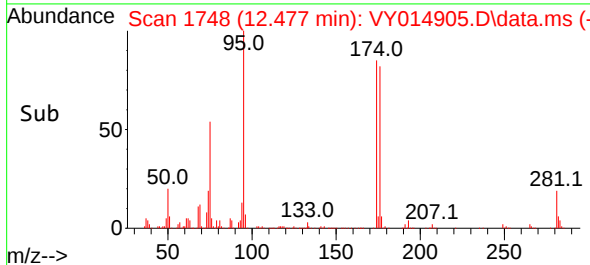
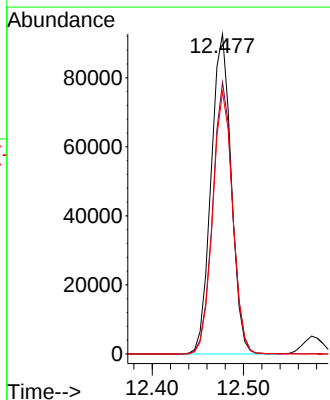
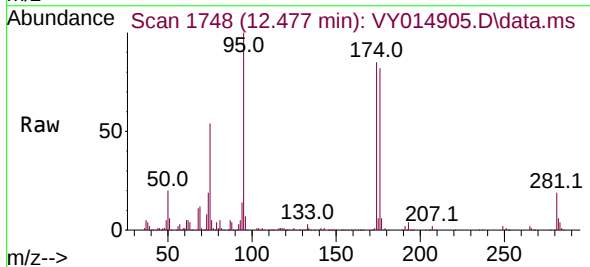
Manual Integrations
APPROVED

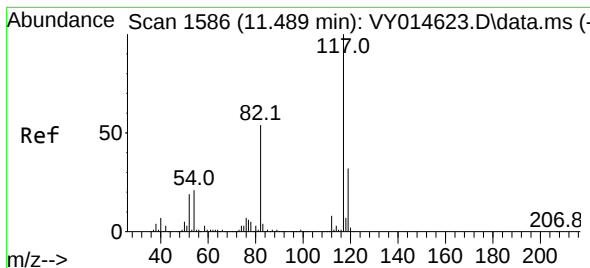
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 48.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

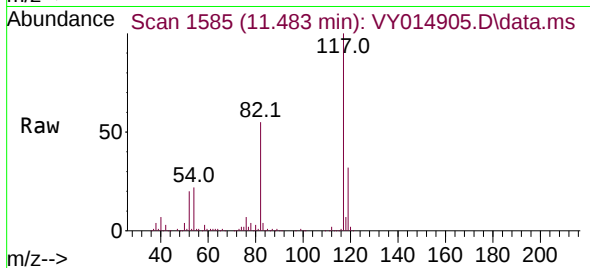
Tgt Ion: 95 Resp: 141489
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 81.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

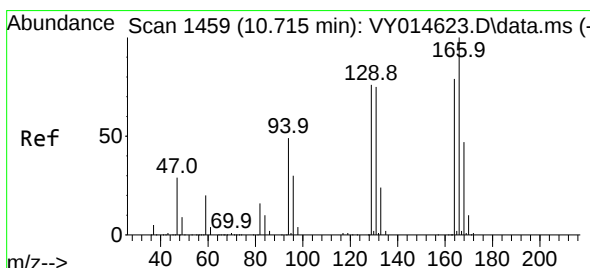
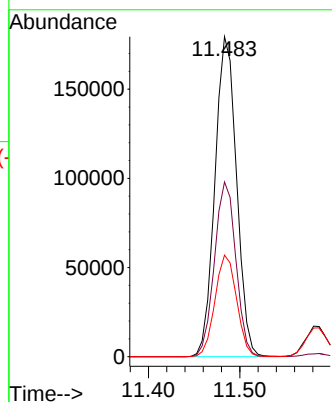
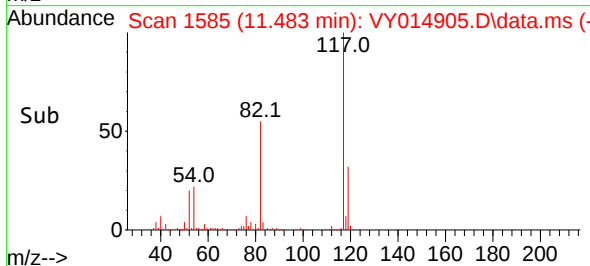
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



Tgt Ion:117 Resp: 29492
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.8 26.3 39.5

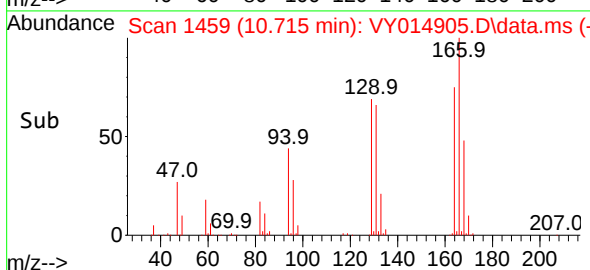
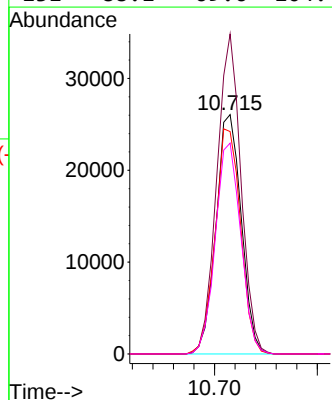
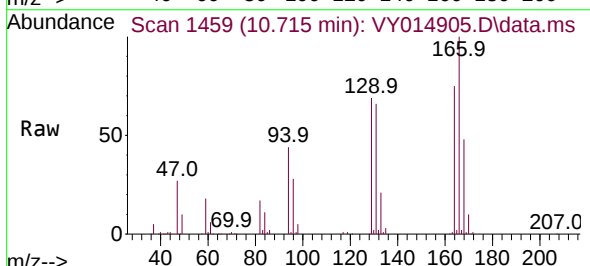
Manual Integrations
APPROVED

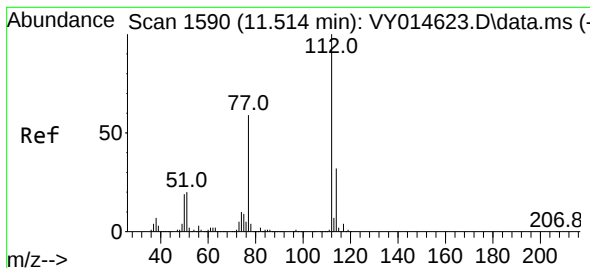
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 18.758 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

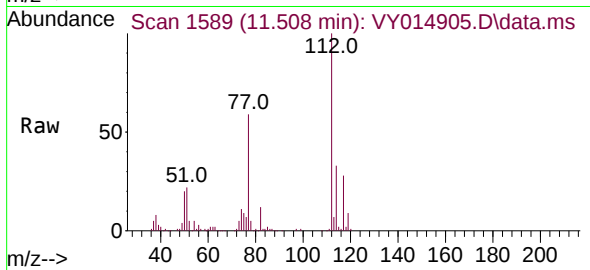
Tgt Ion:164 Resp: 44493
Ion Ratio Lower Upper
164 100
166 133.7 103.0 154.6
129 92.9 77.2 115.8
131 88.1 69.6 104.4





#65
Chlorobenzene
Concen: 17.665 ug/l
RT: 11.508 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

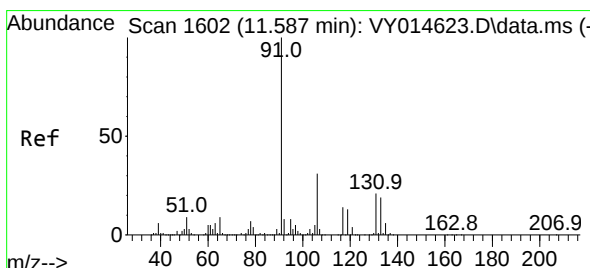
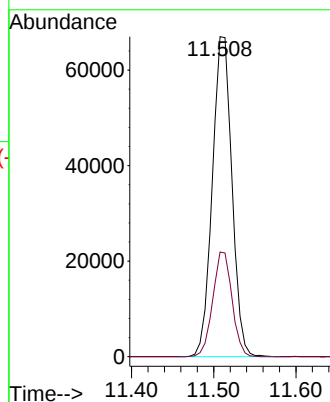
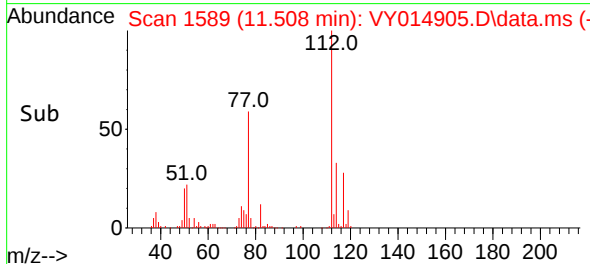
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



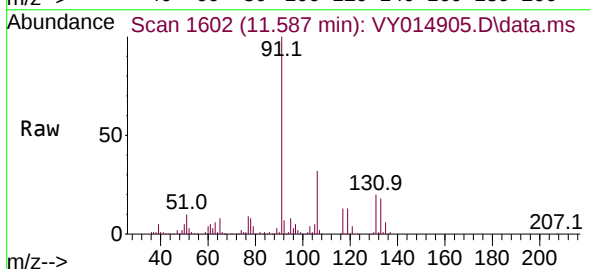
Tgt Ion:112 Resp: 111010
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
APPROVED

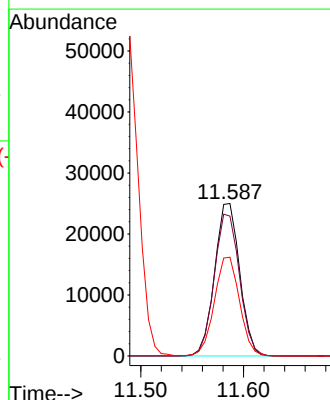
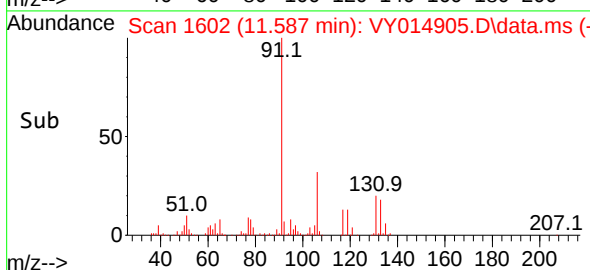
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

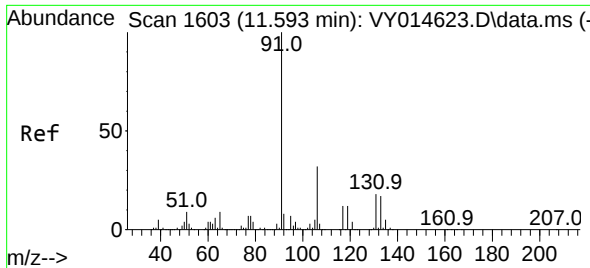


#66
1,1,1,2-Tetrachloroethane
Concen: 17.828 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



Tgt Ion:131 Resp: 42246
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 65.1 31.6 94.7





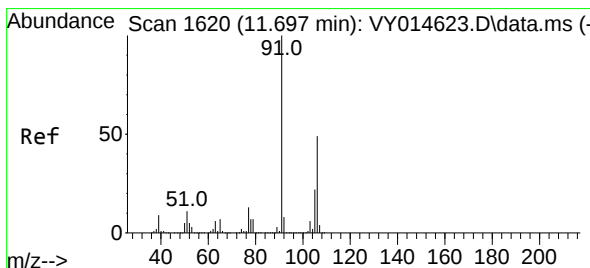
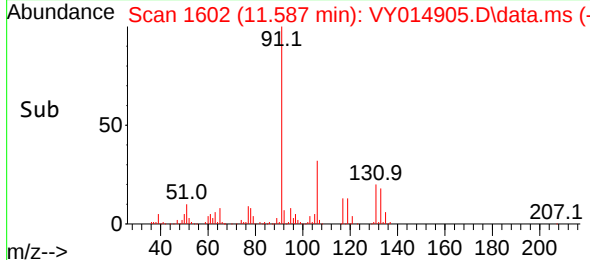
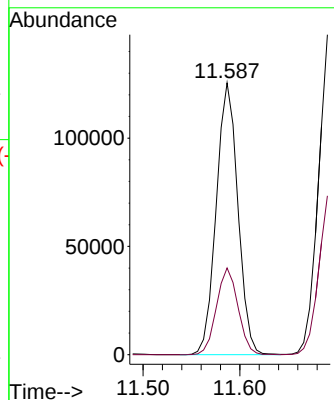
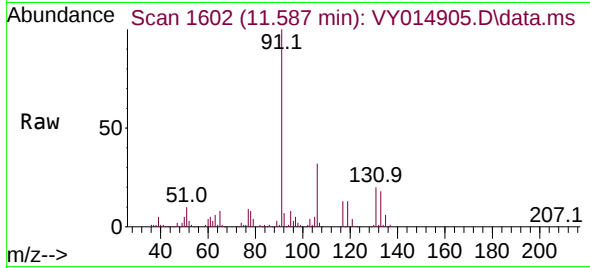
#67
Ethyl Benzene
Concen: 17.138 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion: 91 Resp: 194469
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

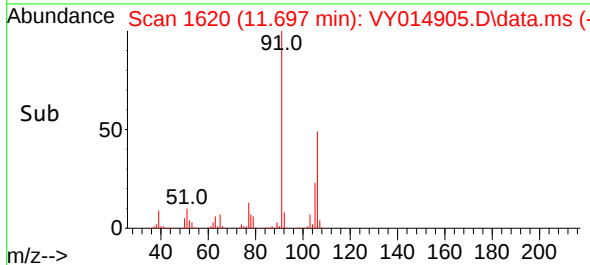
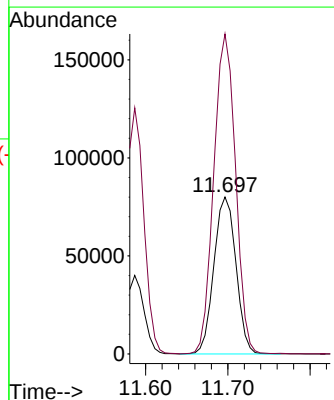
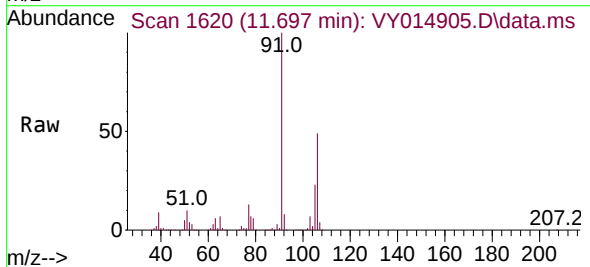
Manual Integrations
APPROVED

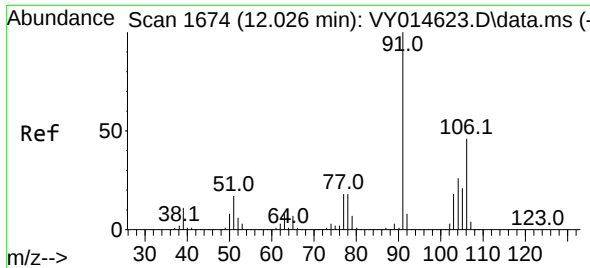
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
m/p-Xylenes
Concen: 34.463 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion:106 Resp: 149275
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





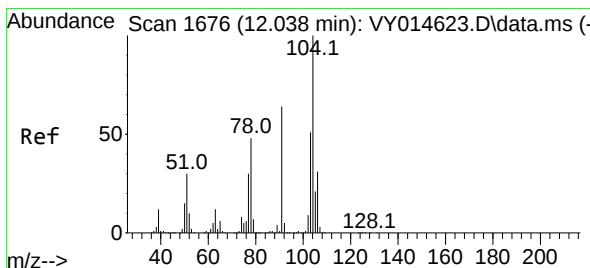
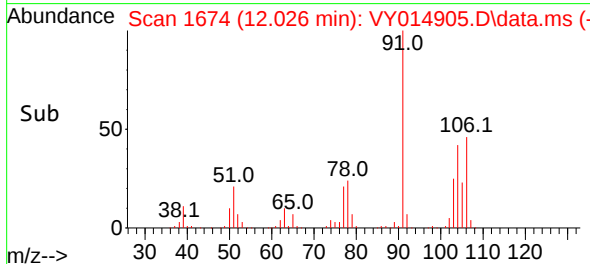
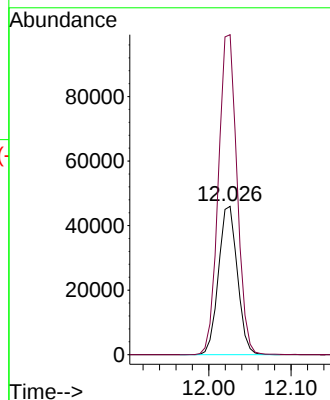
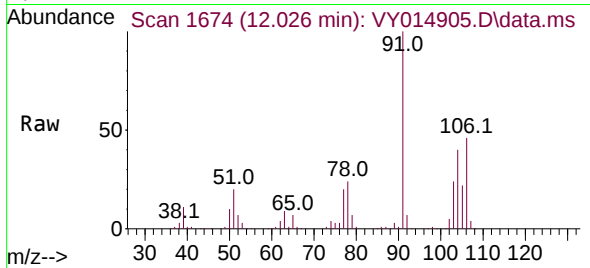
#69
o-Xylene
Concen: 17.393 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion:106 Resp: 7337
Ion Ratio Lower Upper
106 100
91 213.3 108.1 324.3

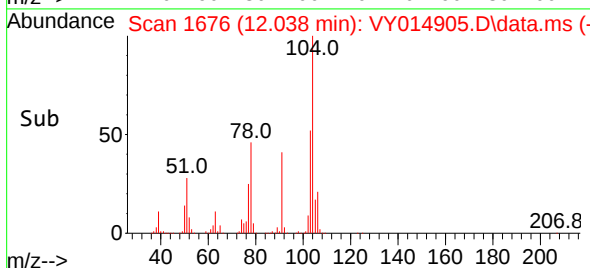
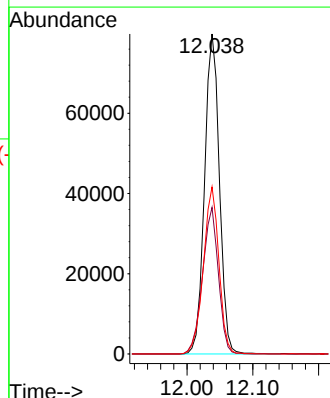
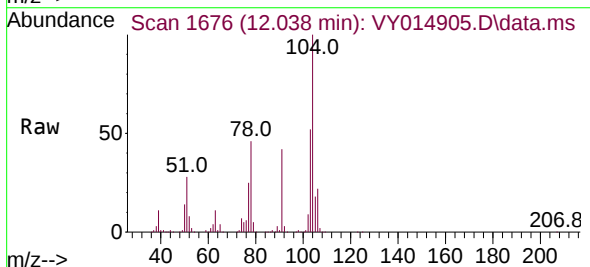
Manual Integrations
APPROVED

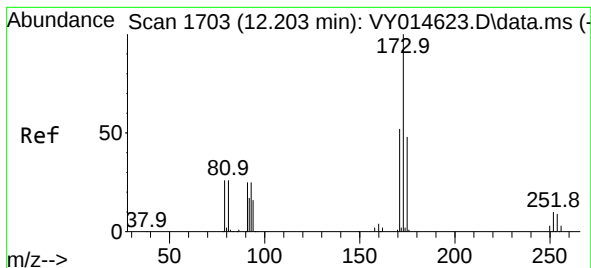
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 17.624 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion:104 Resp: 125316
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 17.545 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

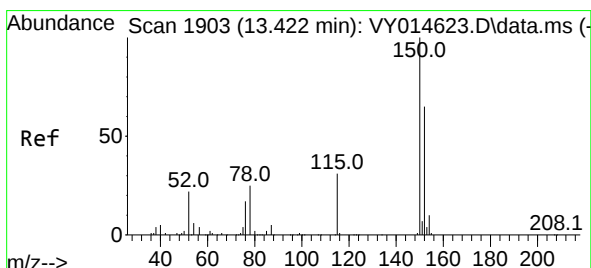
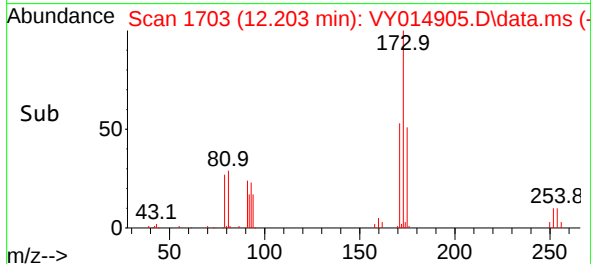
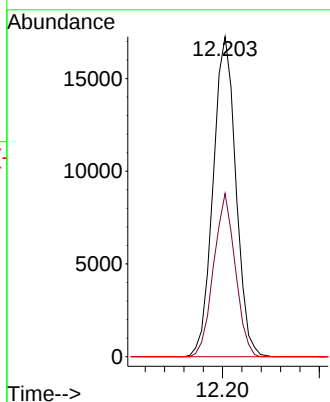
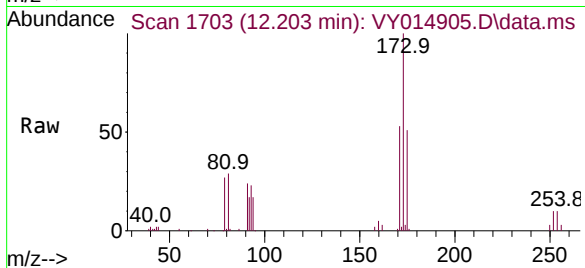
Tgt Ion:173	Resp:	2818
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.0	0.2 0.2

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

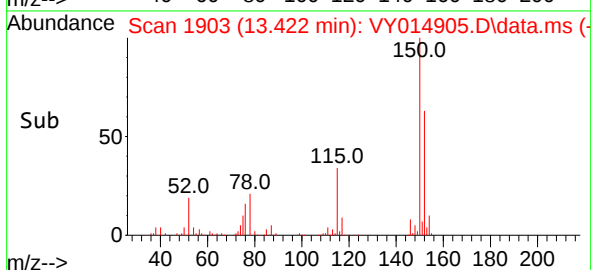
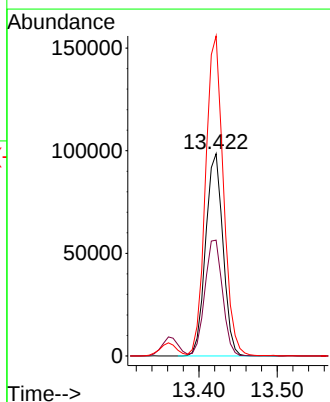
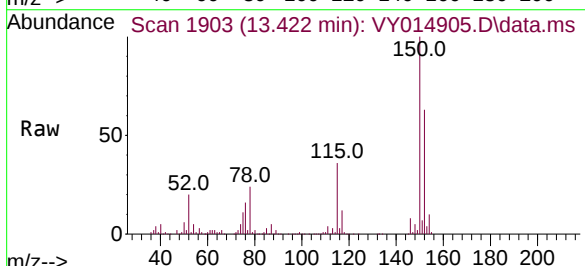
RT: 13.422 min Scan# 1903

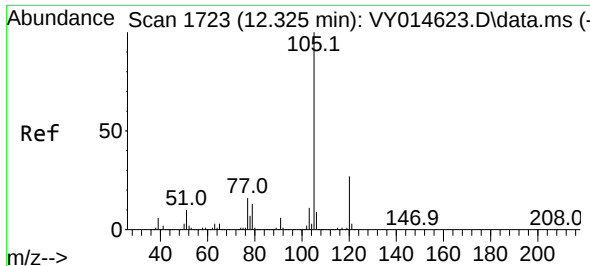
Delta R.T. -0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:152	Resp:	151126
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.8 86.5
150	162.4	0.0 348.8





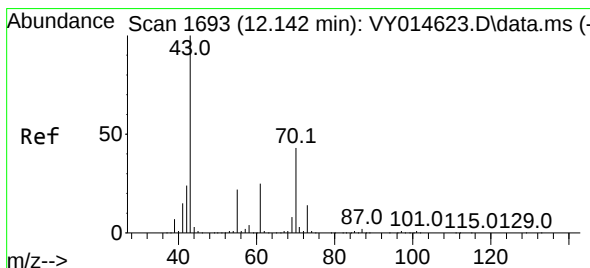
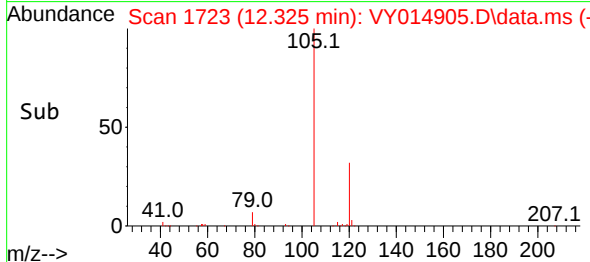
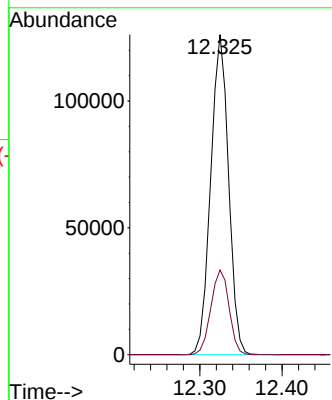
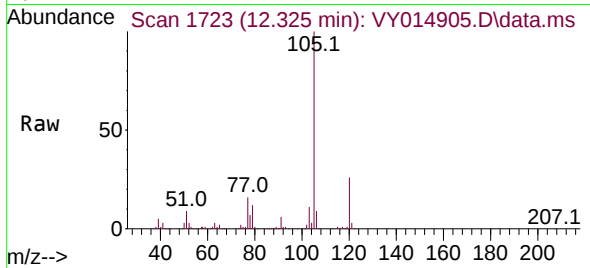
#73
Isopropylbenzene
Concen: 16.068 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion:105 Resp: 19014
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

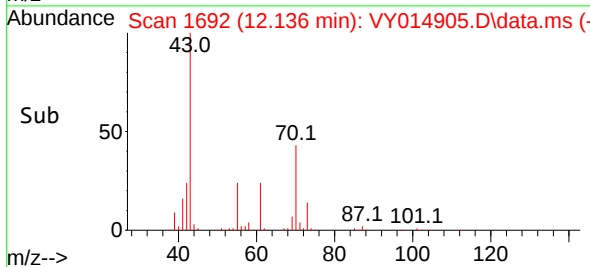
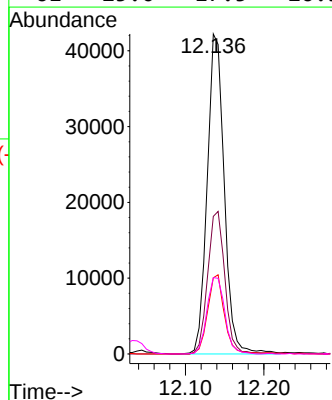
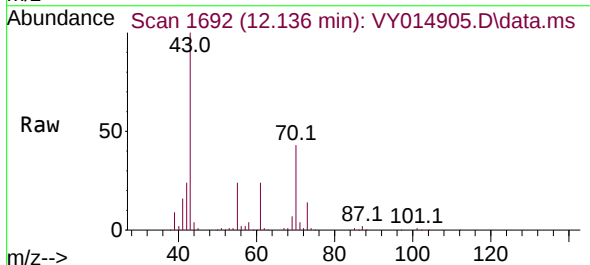
Manual Integrations
APPROVED

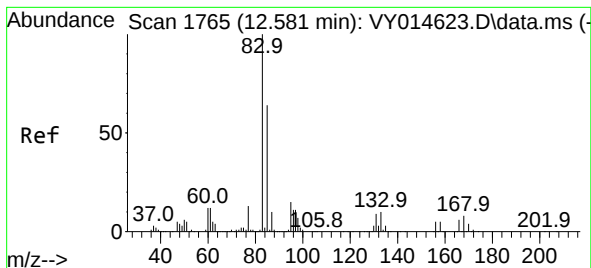
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 16.097 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 43 Resp: 63794
Ion Ratio Lower Upper
43 100
70 44.9 29.7 44.5#
55 24.2 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.424 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

Tgt Ion: 83 Resp: 47018

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

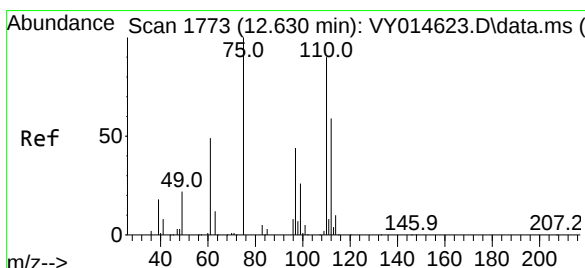
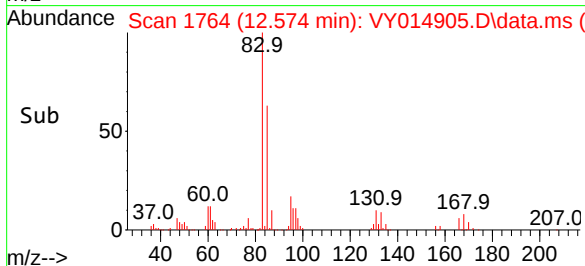
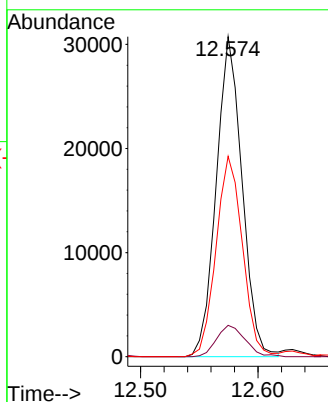
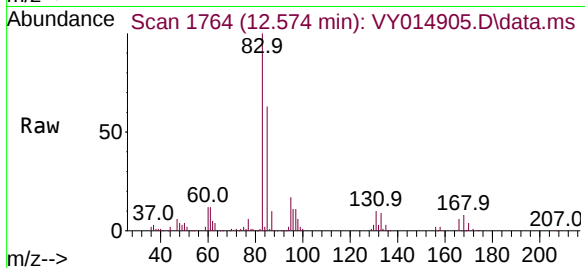
85 64.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

1,2,3-Trichloropropane

Concen: 19.861 ug/l m

RT: 12.623 min Scan# 1772

Delta R.T. -0.007 min

Lab File: VY014905.D

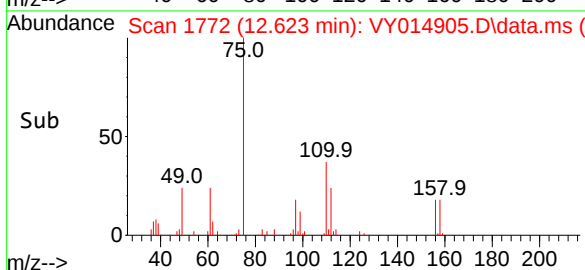
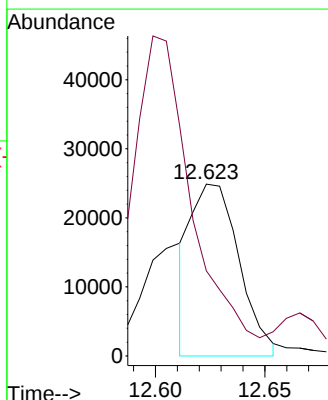
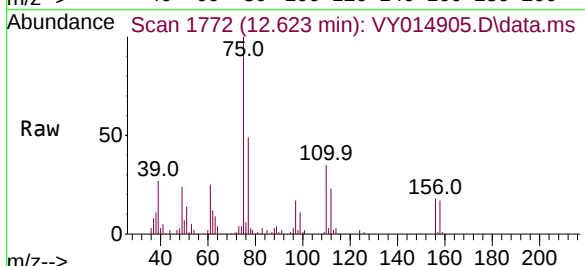
Acq: 28 Jul 2023 13:43

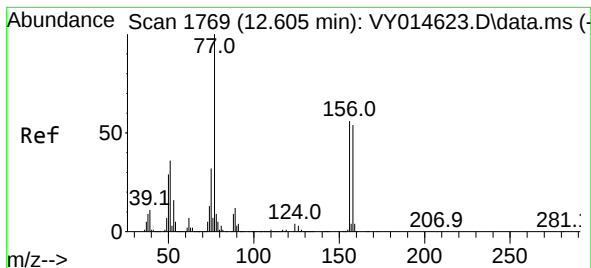
Tgt Ion: 75 Resp: 37908

Ion Ratio Lower Upper

75 100

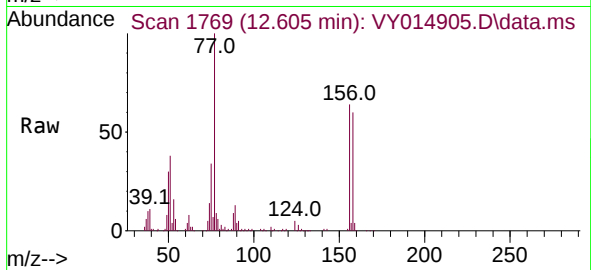
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 17.168 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

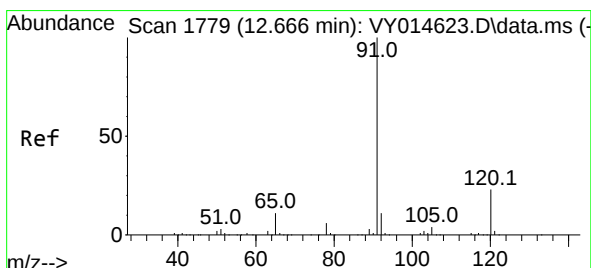
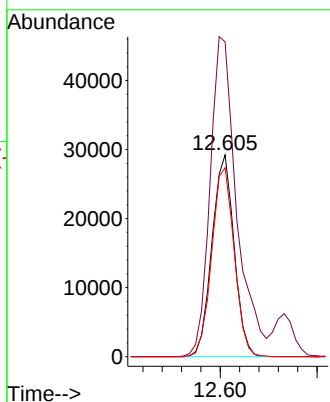
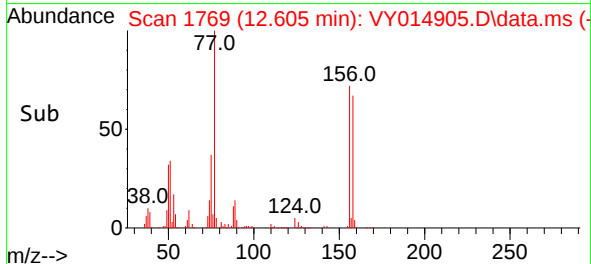
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03



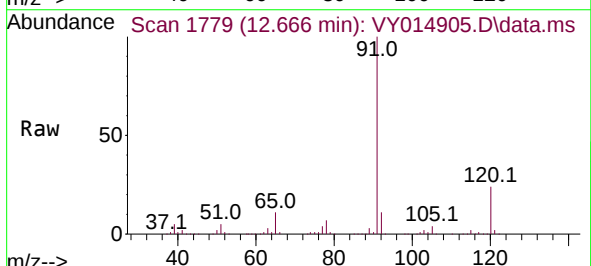
Tgt Ion:156 Resp: 4637
Ion Ratio Lower Upper
156 100
77 190.5 92.8 278.6
158 95.1 48.4 145.3

Manual Integrations
APPROVED

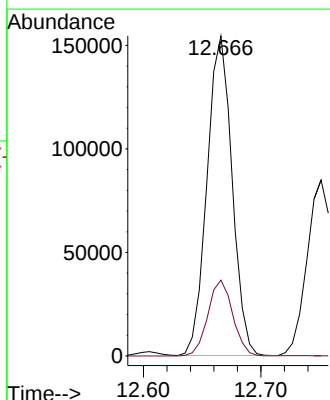
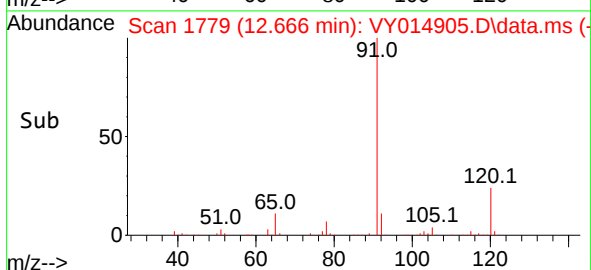
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

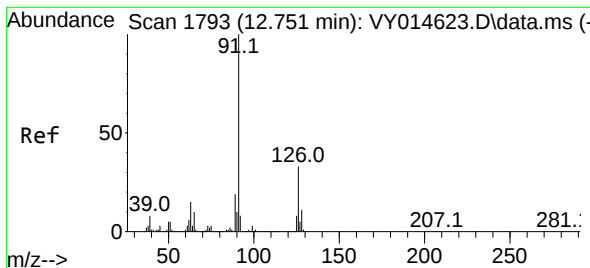


#78
n-propylbenzene
Concen: 16.009 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43



Tgt Ion: 91 Resp: 228278
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





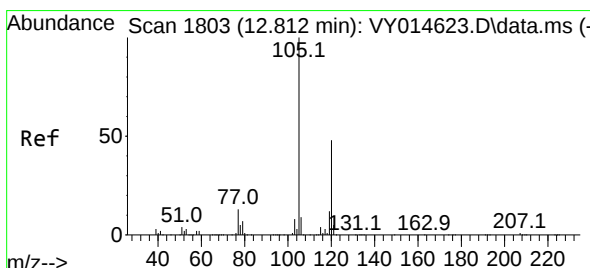
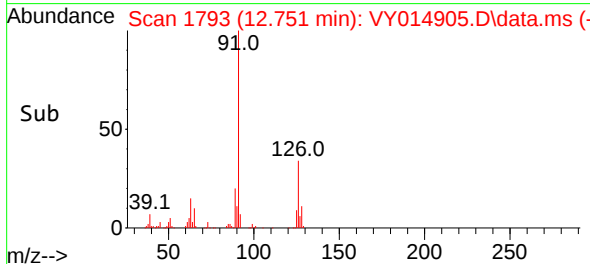
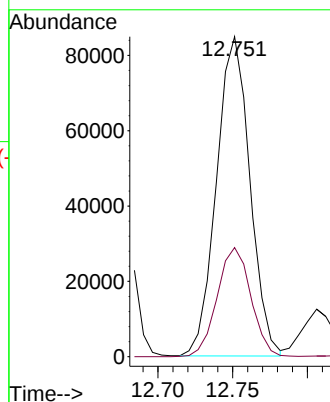
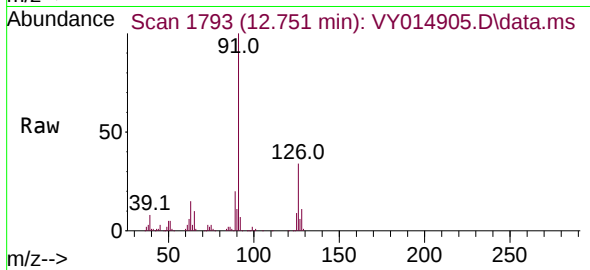
#79
2-Chlorotoluene
Concen: 16.049 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion: 91 Resp: 13180
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

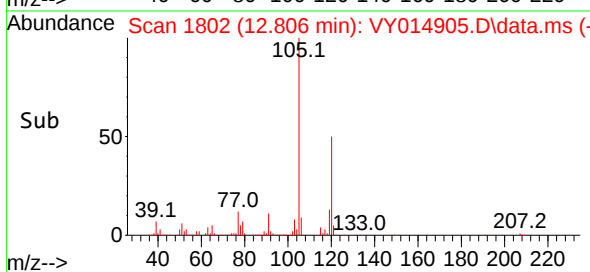
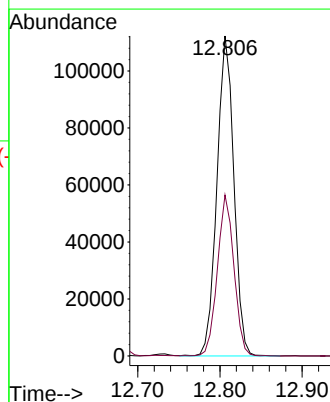
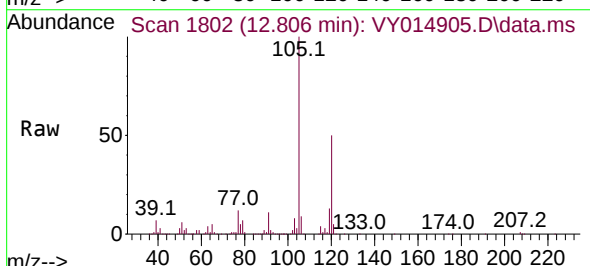
Manual Integrations
APPROVED

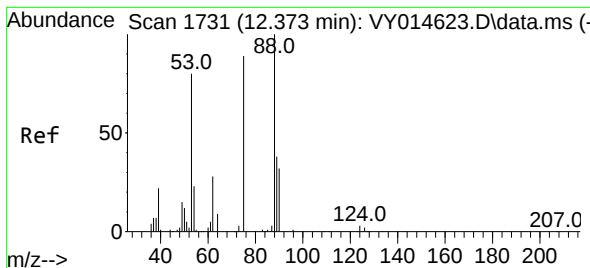
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.264 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion:105 Resp: 160724
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





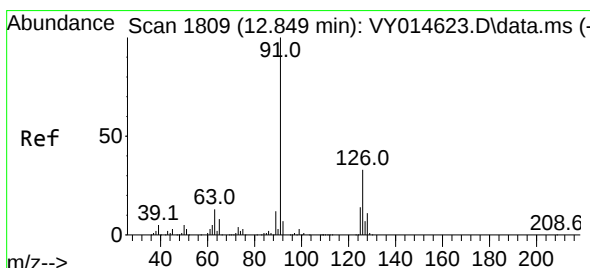
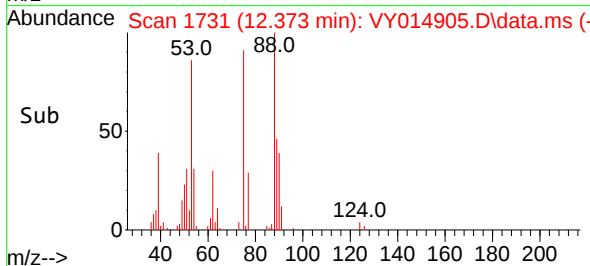
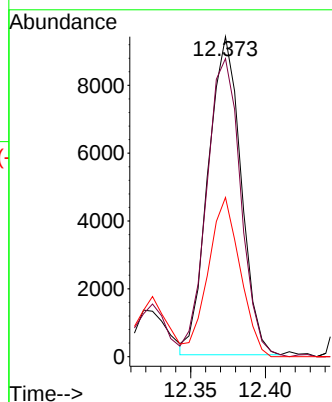
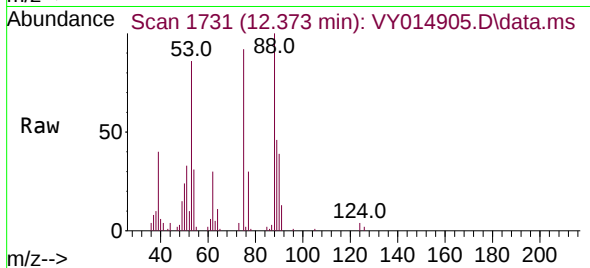
#81
trans-1,4-Dichloro-2-butene
Concen: 14.523 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion: 75 Resp: 1431
Ion Ratio Lower Upper
75 100
53 97.5 77.8 116.8
89 49.1 37.4 56.0

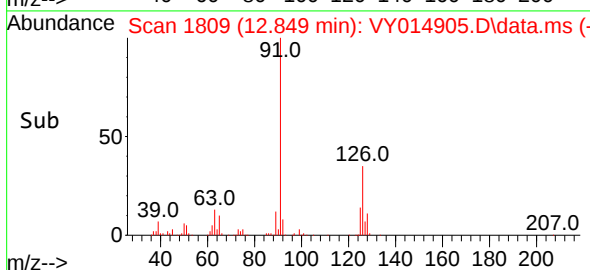
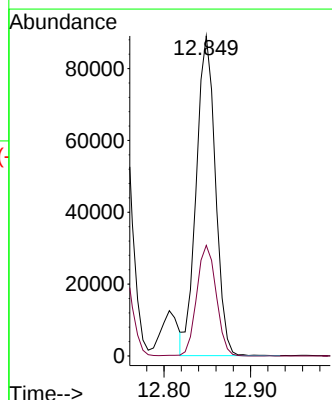
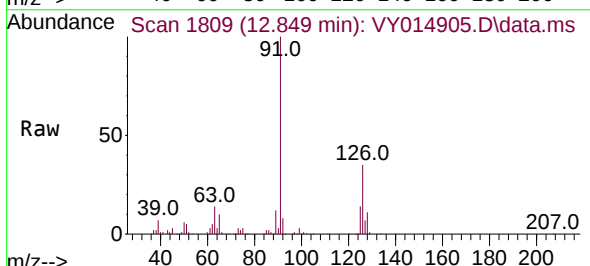
Manual Integrations
APPROVED

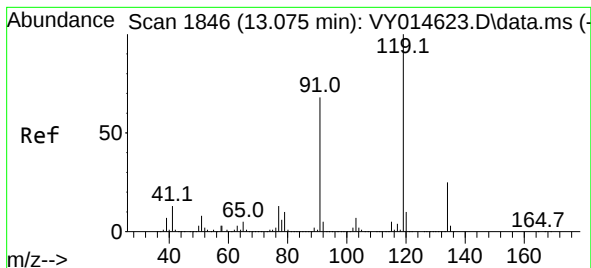
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 16.108 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 91 Resp: 136249
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





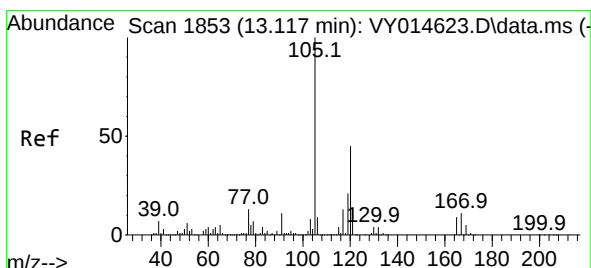
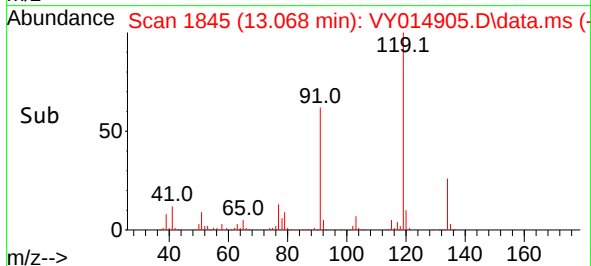
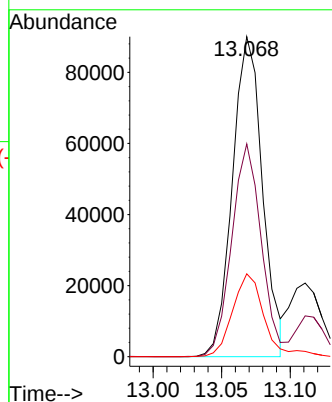
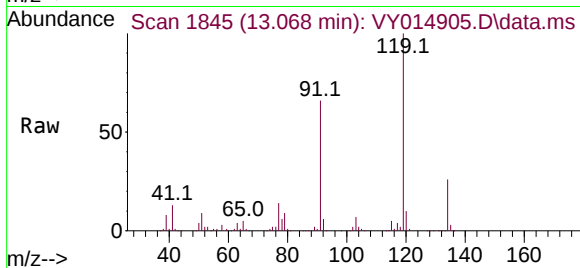
#83
tert-Butylbenzene
Concen: 15.704 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion:119 Resp: 137668
Ion Ratio Lower Upper
119 100
91 64.9 32.9 98.6
134 27.3 13.0 38.9

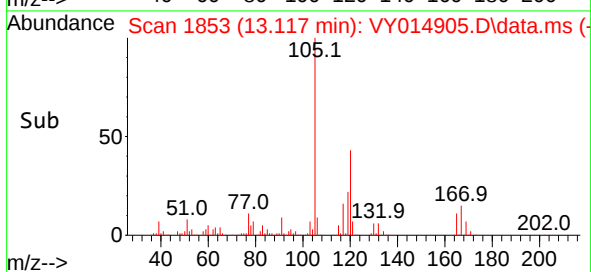
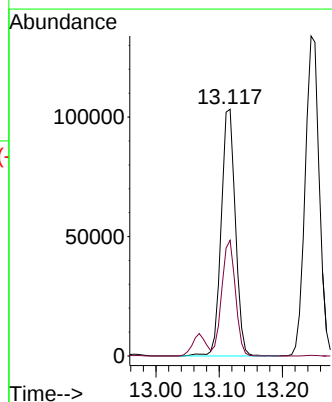
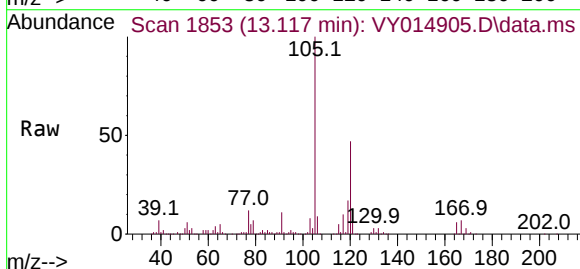
Manual Integrations
APPROVED

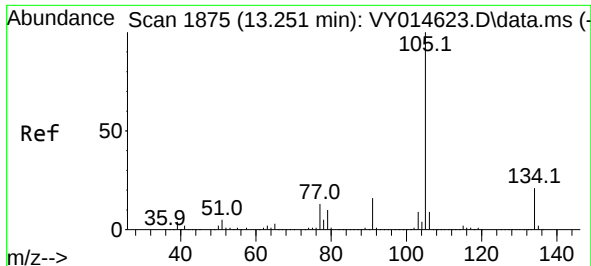
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 16.482 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

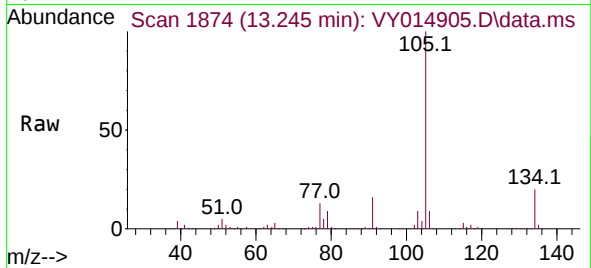
Tgt Ion:105 Resp: 159851
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 16.034 ug/l
 RT: 13.245 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43

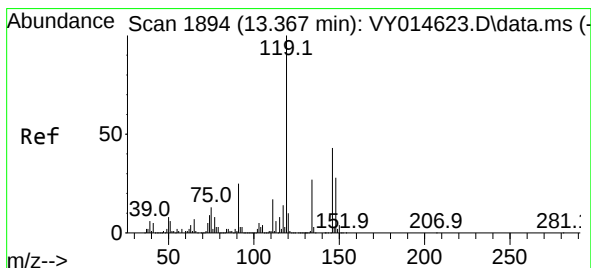
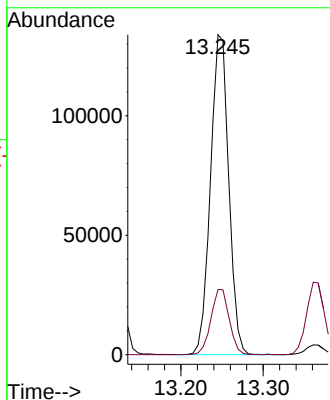
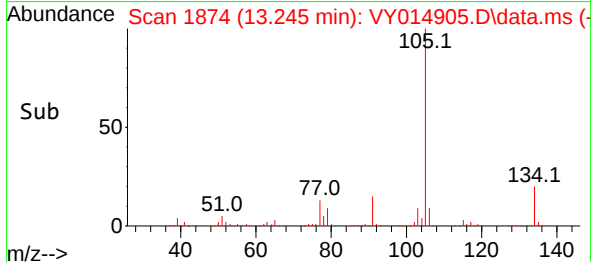
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS03



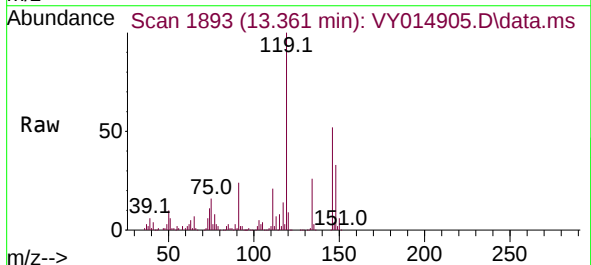
Tgt Ion:105 Resp: 206190
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

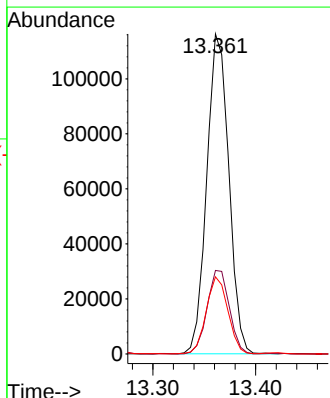
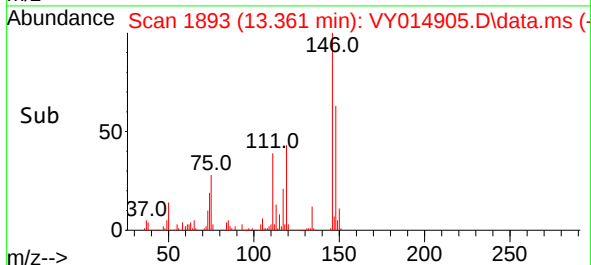
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

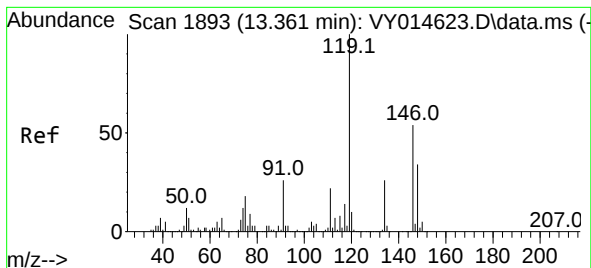


#86
 p-Isopropyltoluene
 Concen: 16.536 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VY014905.D
 Acq: 28 Jul 2023 13:43



Tgt Ion:119 Resp: 173622
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 17.586 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

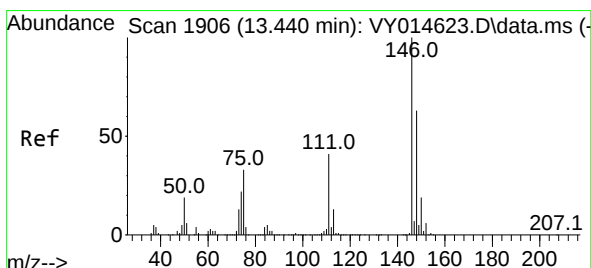
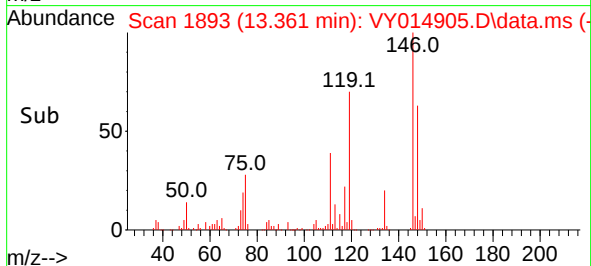
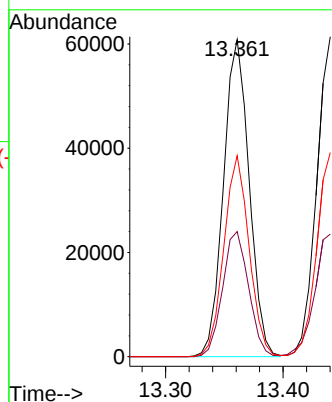
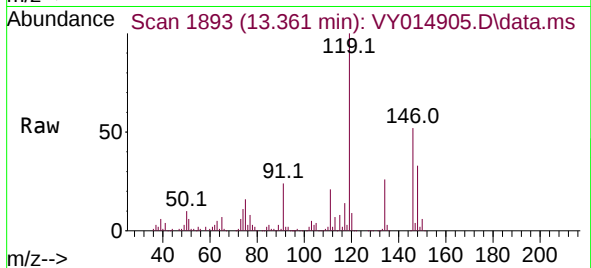
Tgt Ion:146 Resp: 92449
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.2
 148 62.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#88

1,4-Dichlorobenzene

Concen: 17.503 ug/l

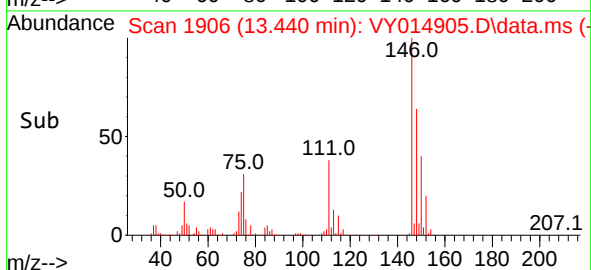
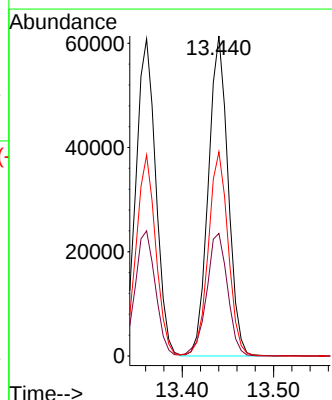
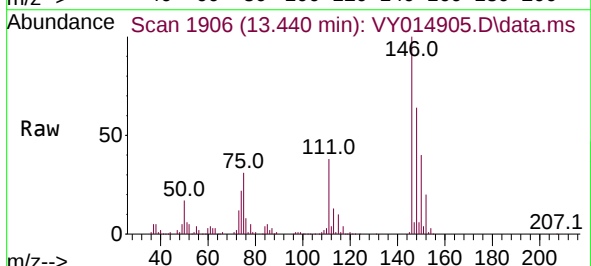
RT: 13.440 min Scan# 1906

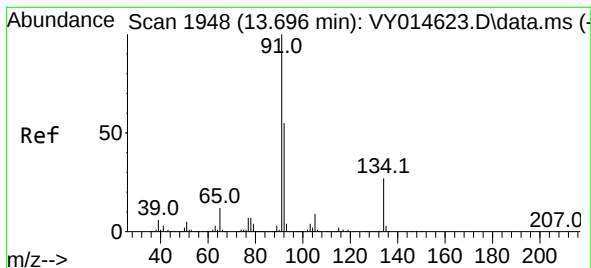
Delta R.T. 0.000 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:146 Resp: 92209
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.9 56.7
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 15.991 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

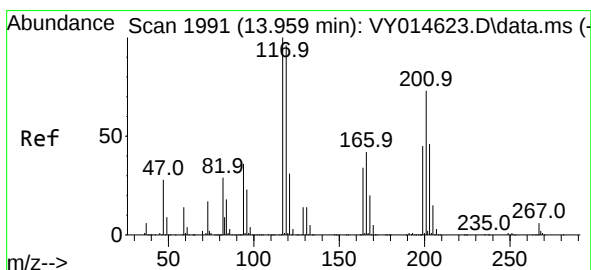
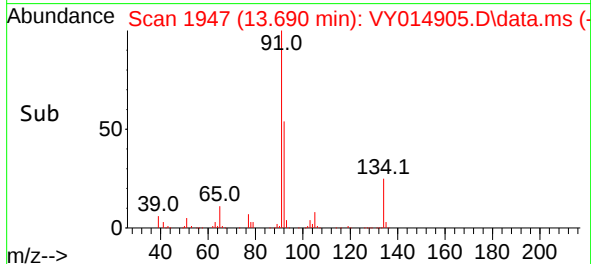
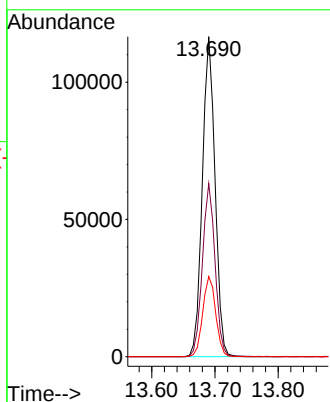
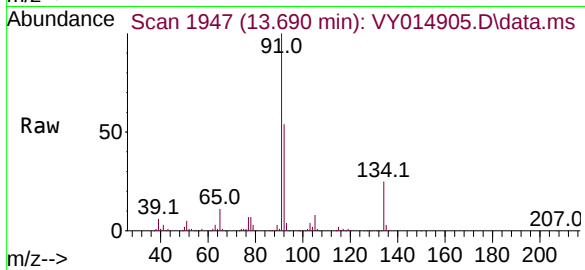
Tgt Ion:	91	Resp:	163350
Ion Ratio	Lower	Upper	
91	100		
92	53.9	25.4	76.0
134	25.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 15.184 ug/l

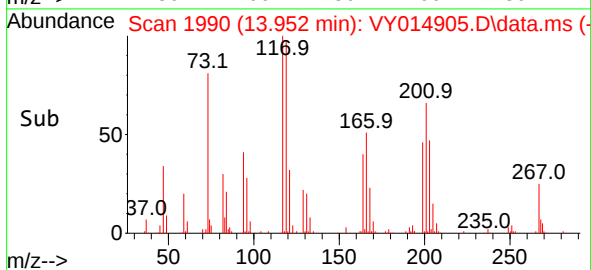
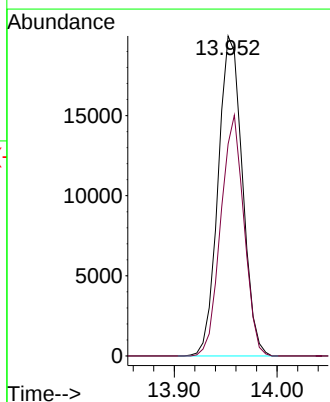
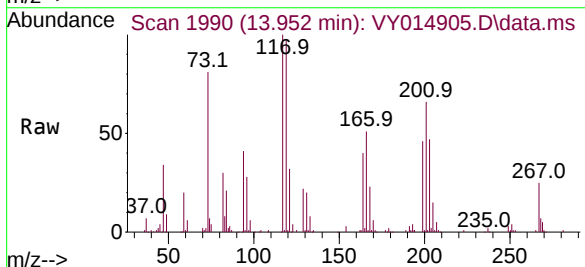
RT: 13.952 min Scan# 1990

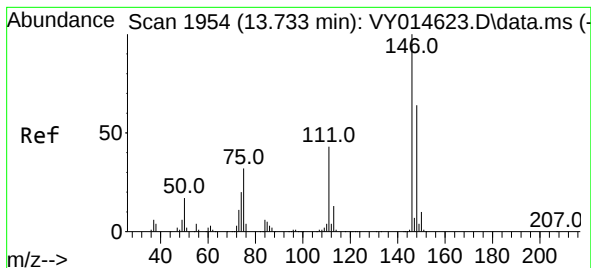
Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:	117	Resp:	32747
Ion Ratio	Lower	Upper	
117	100		
201	71.8	41.6	124.8





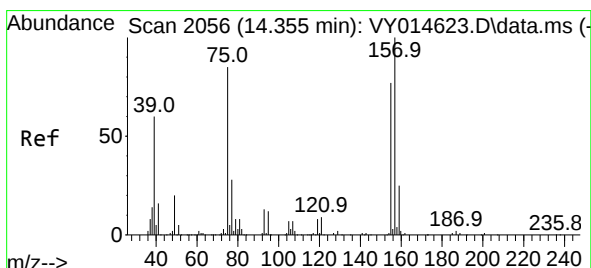
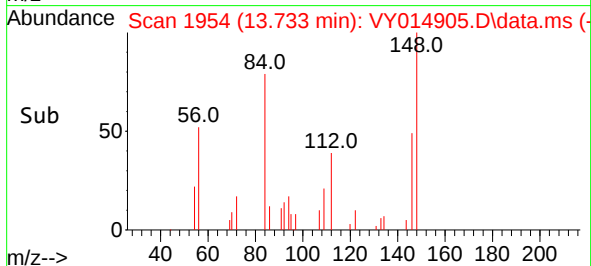
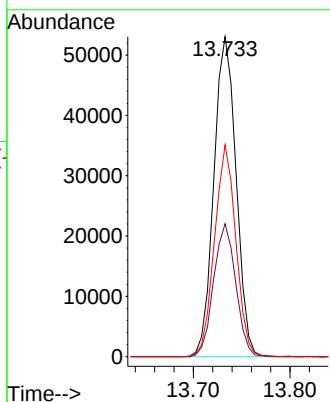
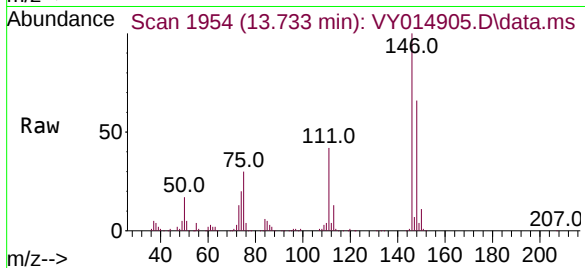
#91
1,2-Dichlorobenzene
Concen: 17.579 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS03

Tgt Ion:146 Resp: 8466
Ion Ratio Lower Upper
146 100
111 41.3 19.7 59.0
148 63.5 32.0 96.2

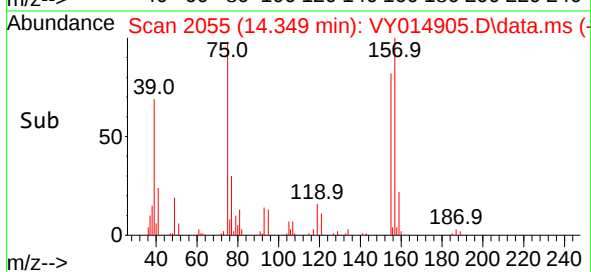
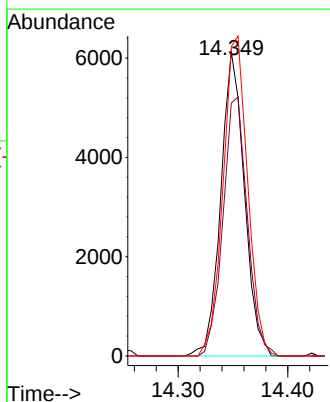
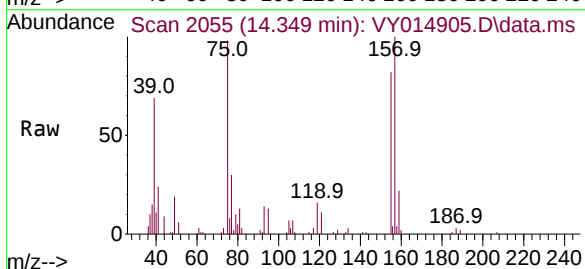
Manual Integrations
APPROVED

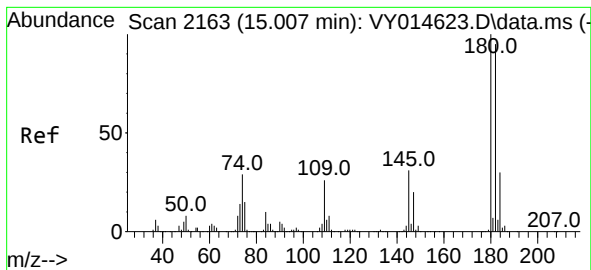
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.773 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014905.D
Acq: 28 Jul 2023 13:43

Tgt Ion: 75 Resp: 9172
Ion Ratio Lower Upper
75 100
155 87.9 41.5 124.6
157 109.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 16.832 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

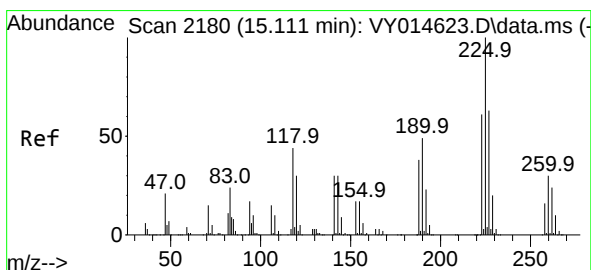
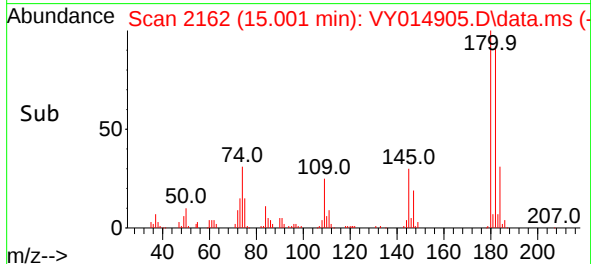
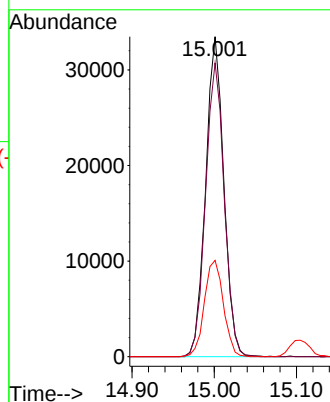
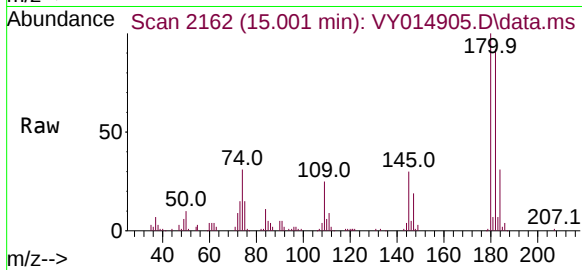
Tgt Ion:180	Resp:	5146
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.0 141.2
145	31.5	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 16.537 ug/l

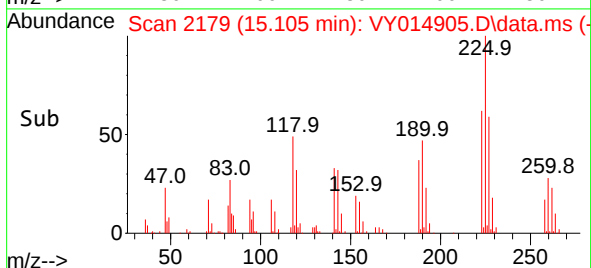
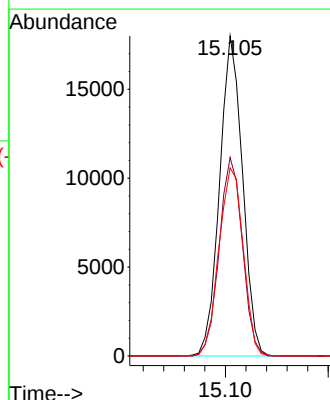
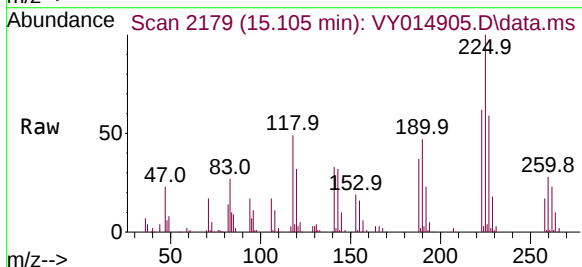
RT: 15.105 min Scan# 2179

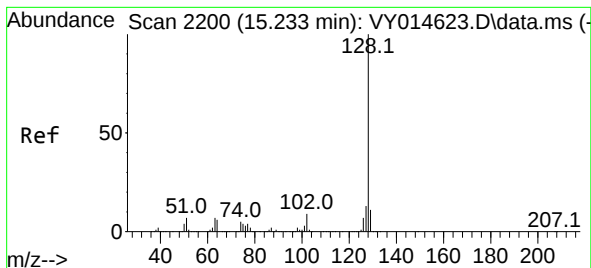
Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:225	Resp:	27786
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.9 95.9
227	62.3	33.0 98.9





#95

Naphthalene

Concen: 17.406 ug/l

RT: 15.226 min Scan# 2199

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS03

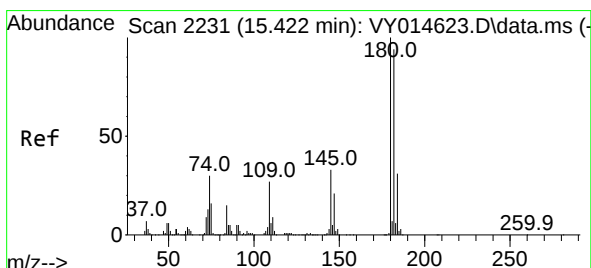
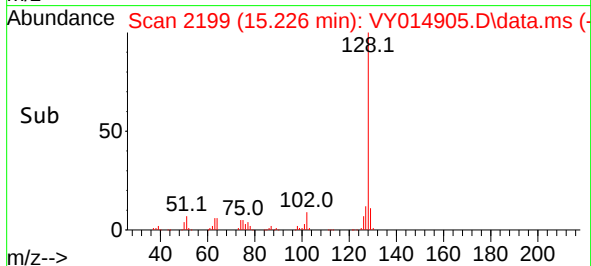
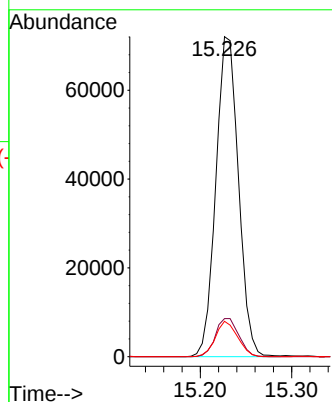
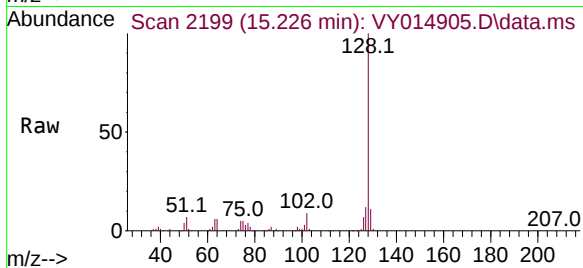
Tgt Ion:	128	Resp:	123989
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.984 ug/l

RT: 15.415 min Scan# 2230

Delta R.T. -0.007 min

Lab File: VY014905.D

Acq: 28 Jul 2023 13:43

Tgt Ion:	180	Resp:	46150
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	141.8
145	33.0	15.4	46.2

