

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014872.D
 Acq On : 27 Jul 2023 11:08
 Operator : SY/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 28 02:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	314200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107781	44.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.500%		
35) Dibromofluoromethane	7.710	113	97798	43.464	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.920%		
50) Toluene-d8	10.173	98	352225	42.459	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.920%		
62) 4-Bromofluorobenzene	12.477	95	132254	41.578	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33028	18.966	ug/l	96
3) Chloromethane	2.107	50	41863	21.386	ug/l	99
4) Vinyl Chloride	2.241	62	49453	22.605	ug/l	97
5) Bromomethane	2.619	94	36726	25.403	ug/l	94
6) Chloroethane	2.778	64	31858	23.313	ug/l	92
7) Trichlorofluoromethane	3.113	101	71795	19.540	ug/l	97
8) Diethyl Ether	3.522	74	25706	18.804	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	41113	18.256	ug/l	97
10) Methyl Iodide	4.082	142	37636	17.387	ug/l	97
11) Tert butyl alcohol	4.948	59	71042	130.949	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	38314	18.203	ug/l	91
13) Acrolein	3.723	56	21128	82.993	ug/l	99
14) Allyl chloride	4.466	41	61276	16.396	ug/l	97
15) Acrylonitrile	5.155	53	75186	99.736	ug/l	98
16) Acetone	3.942	43	73390	95.085	ug/l	93
17) Carbon Disulfide	4.186	76	101421	16.831	ug/l	99
18) Methyl Acetate	4.473	43	61862	20.886	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	128281	18.762	ug/l	100
20) Methylene Chloride	4.704	84	60989	21.955	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	43048	18.022	ug/l	92
22) Diisopropyl ether	6.113	45	132447	17.432	ug/l	94
23) Vinyl Acetate	6.052	43	401626	88.329	ug/l	96
24) 1,1-Dichloroethane	6.003	63	78109	17.966	ug/l	98
25) 2-Butanone	6.984	43	111444	98.694	ug/l	96
26) 2,2-Dichloropropane	6.972	77	73183	17.662	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	51457	18.507	ug/l	96
28) Bromochloromethane	7.326	49	37563	20.062	ug/l	93
29) Tetrahydrofuran	7.344	42	69525	99.992	ug/l	91
30) Chloroform	7.503	83	81914	18.271	ug/l	98
31) Cyclohexane	7.783	56	67947	16.805	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	73720	18.270	ug/l	99
36) 1,1-Dichloropropene	7.911	75	59510	17.685	ug/l	98
37) Ethyl Acetate	7.070	43	45717	19.733	ug/l #	96
38) Carbon Tetrachloride	7.893	117	65296	18.357	ug/l	98
39) Methylcyclohexane	9.179	83	75462	17.213	ug/l	93
40) Benzene	8.155	78	173938	18.175	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25501m	21.400	ug/l	
42) 1,2-Dichloroethane	8.234	62	58397	19.269	ug/l	94
43) Isopropyl Acetate	8.271	43	82738	18.748	ug/l	96
44) Trichloroethene	8.935	130	49053	18.319	ug/l	99
45) 1,2-Dichloropropane	9.210	63	43982	17.600	ug/l	100
46) Dibromomethane	9.301	93	29082	19.183	ug/l	95
47) Bromodichloromethane	9.490	83	64789	18.133	ug/l	100
48) Methyl methacrylate	9.289	41	36349	18.304	ug/l	92
49) 1,4-Dioxane	9.295	88	10673	431.758	ug/l #	68
51) 4-Methyl-2-Pentanone	10.063	43	231754	100.017	ug/l	94
52) Toluene	10.240	92	111145	18.149	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	67833	17.356	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	74769	17.592	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	40168	19.021	ug/l	97
56) Ethyl methacrylate	10.508	69	59813	18.551	ug/l	90
57) 1,3-Dichloropropane	10.789	76	67771	18.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	155363	103.414	ug/l	94
59) 2-Hexanone	10.825	43	168324	99.612	ug/l	91
60) Dibromochloromethane	10.977	129	47713	18.428	ug/l	98
61) 1,2-Dibromoethane	11.087	107	39281	18.646	ug/l	97
64) Tetrachloroethene	10.715	164	49387	19.544	ug/l	97
65) Chlorobenzene	11.514	112	122342	18.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	46454	18.401	ug/l	98
67) Ethyl Benzene	11.587	91	216229	17.887	ug/l	98
68) m/p-Xylenes	11.697	106	166327	36.044	ug/l	97
69) o-Xylene	12.026	106	81767	18.192	ug/l	97
70) Styrene	12.038	104	138063	18.225	ug/l	97
71) Bromoform	12.203	173	32039	18.723	ug/l #	99
73) Isopropylbenzene	12.325	105	215193	16.905	ug/l	100
74) N-amyl acetate	12.142	43	71998	16.887	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	51968	17.902	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36698m	17.873	ug/l	
77) Bromobenzene	12.605	156	51448	17.705	ug/l	98
78) n-propylbenzene	12.666	91	261517	17.049	ug/l	100
79) 2-Chlorotoluene	12.752	91	146946	16.632	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	180219	16.952	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	16573	15.628	ug/l	99
82) 4-Chlorotoluene	12.849	91	150921	16.586	ug/l	100
83) tert-Butylbenzene	13.069	119	162921	17.276	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	179390	17.194	ug/l	99
85) sec-Butylbenzene	13.251	105	238401	17.233	ug/l	100
86) p-Isopropyltoluene	13.367	119	197881	17.519	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	101574	17.961	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	102869	18.152	ug/l	98
89) n-Butylbenzene	13.690	91	186806	16.999	ug/l	96
90) Hexachloroethane	13.959	117	37386	16.115	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	92907	17.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10325	18.598	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	59913	18.216	ug/l	99
94) Hexachlorobutadiene	15.111	225	31616	17.492	ug/l	99
95) Naphthalene	15.233	128	143266	18.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	53884	18.433	ug/l	98

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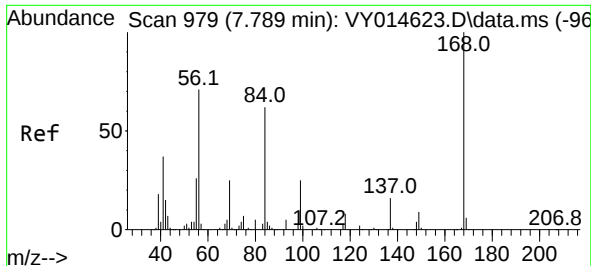
Manual Integrations
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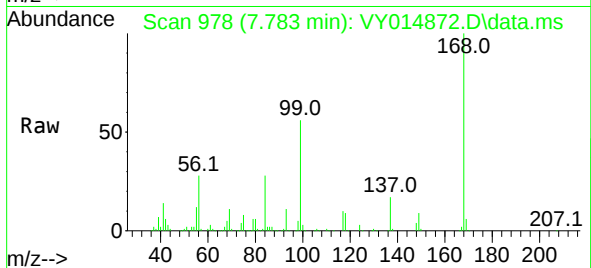
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014872.D
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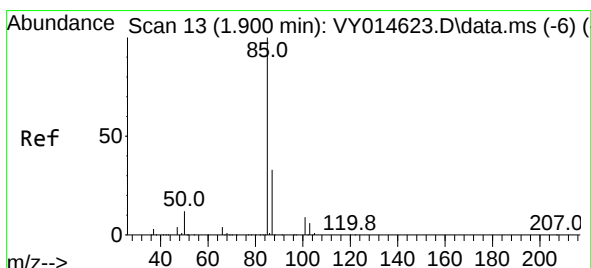
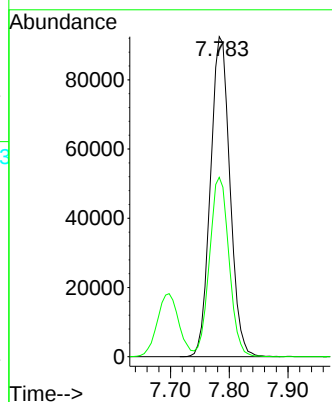
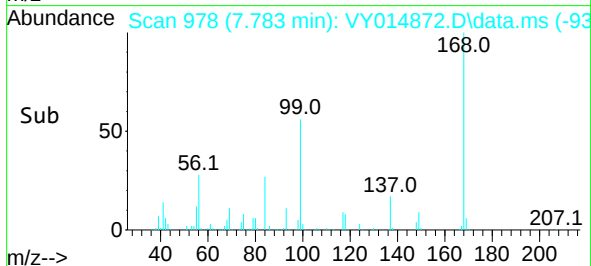
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion:168 Resp: 21374
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0

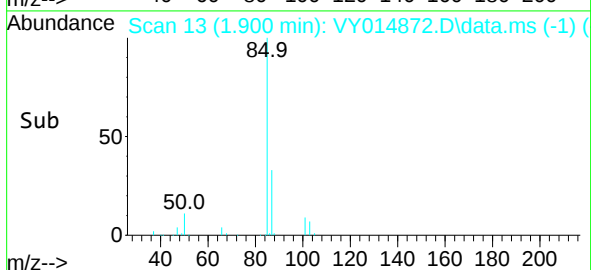
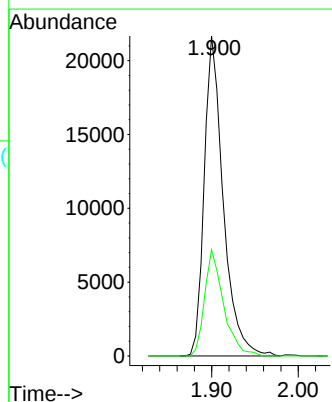
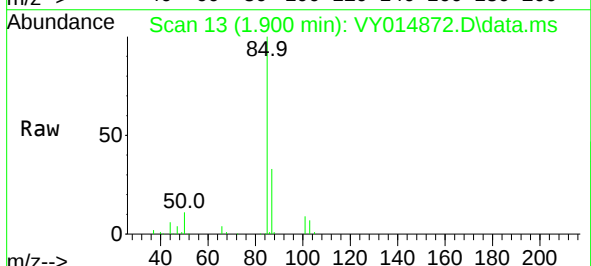
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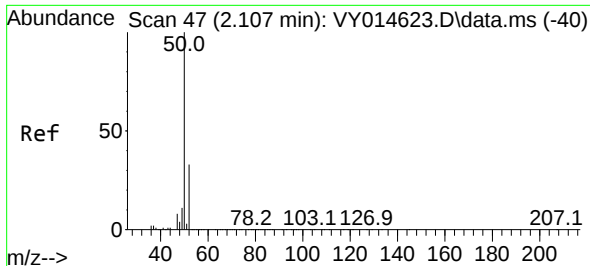
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#2
Dichlorodifluoromethane
Concen: 18.966 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

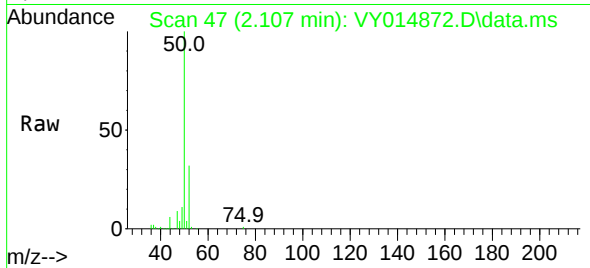
Tgt Ion: 85 Resp: 33028
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3
Chloromethane
Concen: 21.386 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

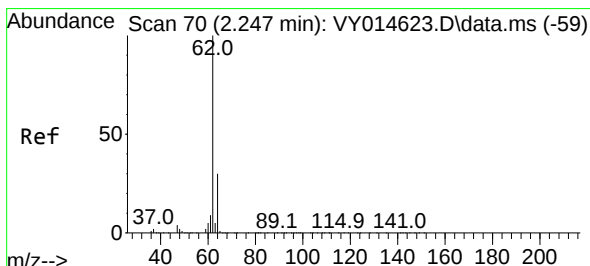
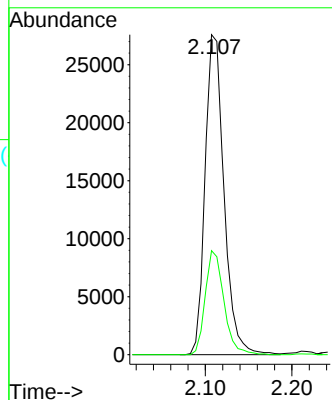
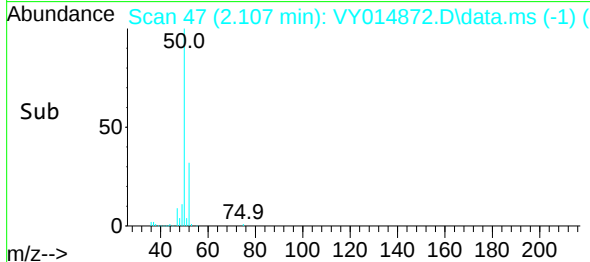
Instrument :
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Tgt Ion: 50 Resp: 4186
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

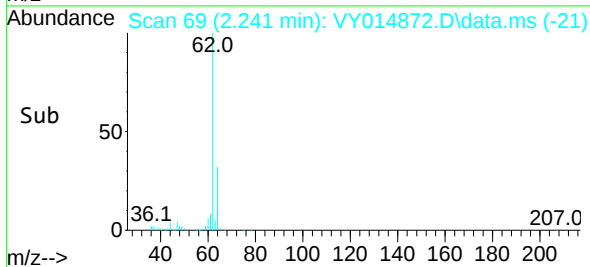
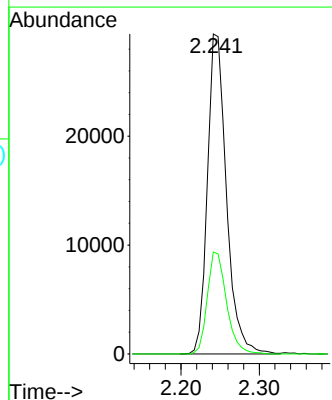
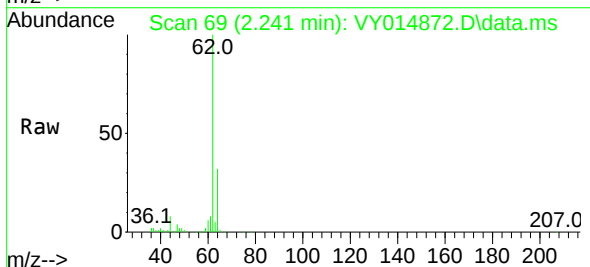
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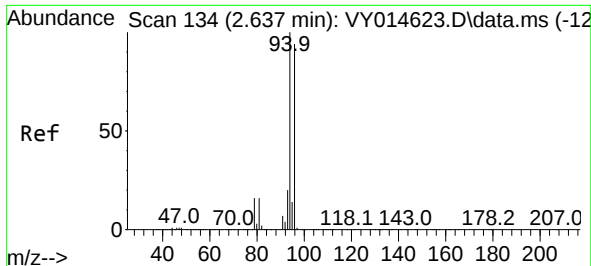
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#4
Vinyl Chloride
Concen: 22.605 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

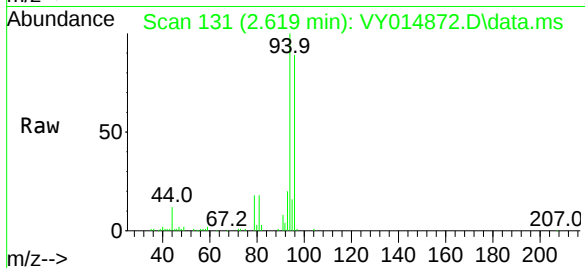
Tgt Ion: 62 Resp: 49453
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 25.403 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

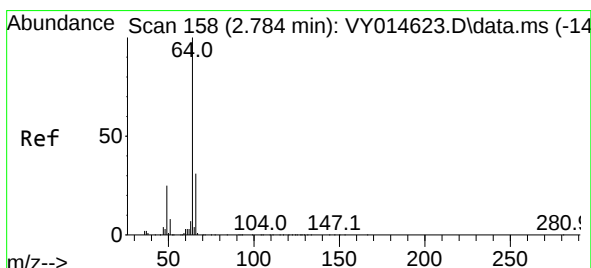
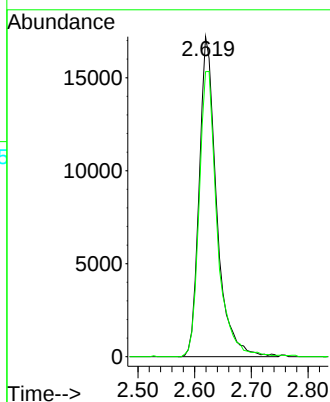
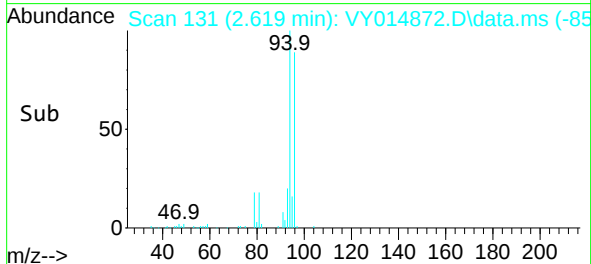
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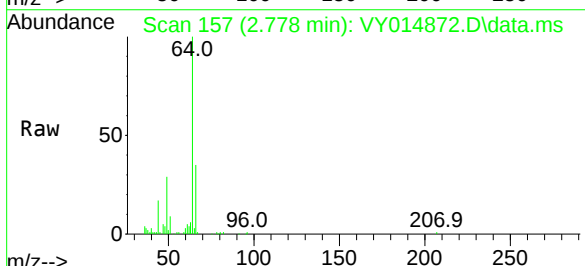
Tgt Ion: 94 Resp: 36720
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.6

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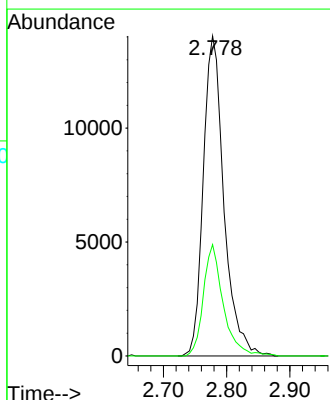
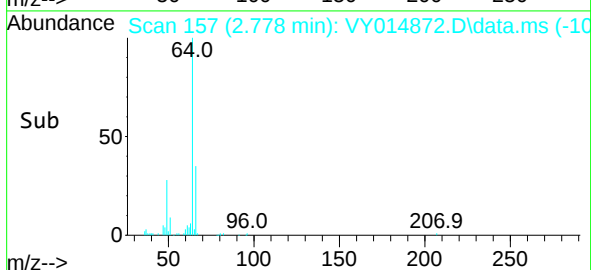
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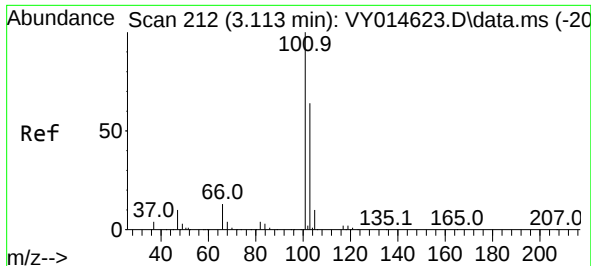


#6
Chloroethane
Concen: 23.313 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



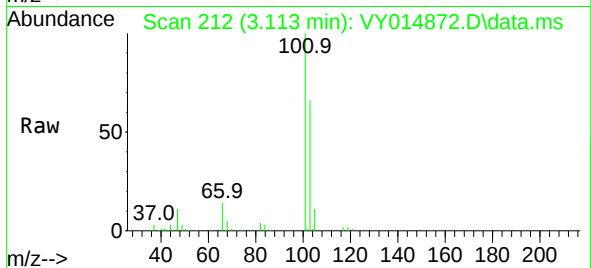
Tgt Ion: 64 Resp: 31858
Ion Ratio Lower Upper
64 100
66 34.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 19.540 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014872.D
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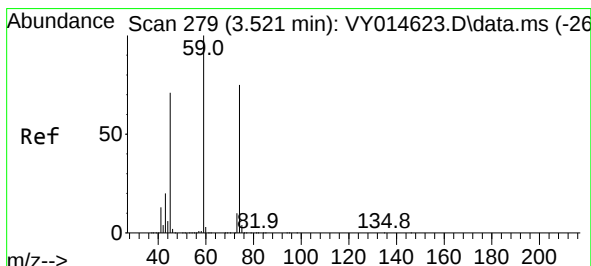
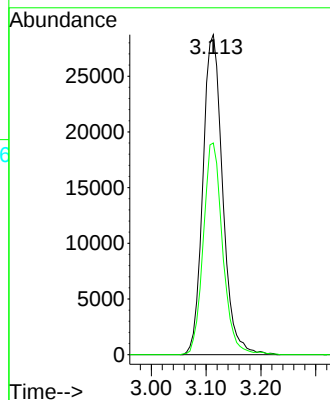
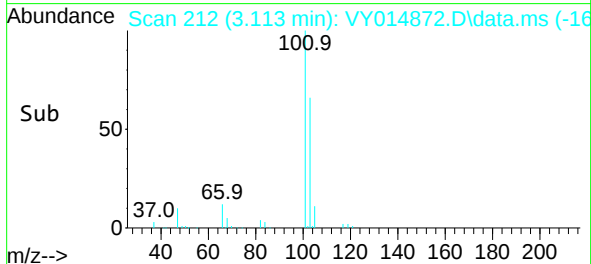
Instrument :
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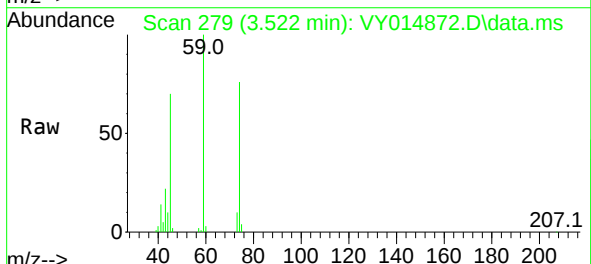
Tgt Ion:101 Resp: 7179
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0

Manual Integrations
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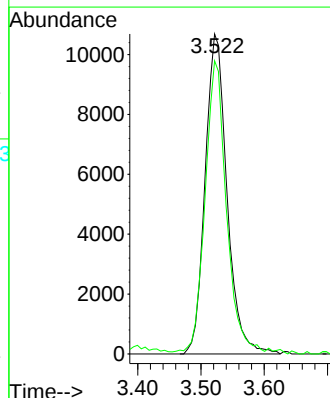
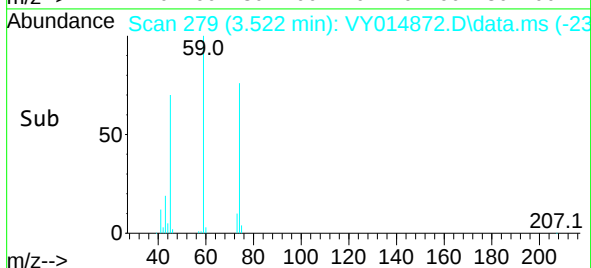
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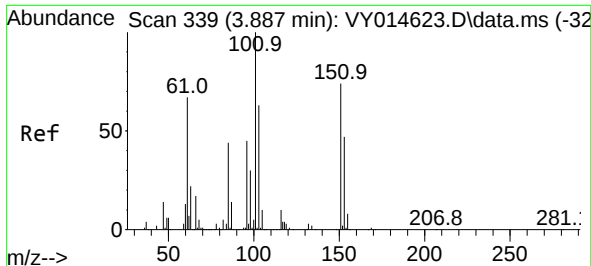


#8
 Diethyl Ether
 Concen: 18.804 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
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 Acq: 27 Jul 2023 11:08



Tgt Ion: 74 Resp: 25706
 Ion Ratio Lower Upper
 74 100
 45 88.3 51.5 154.5





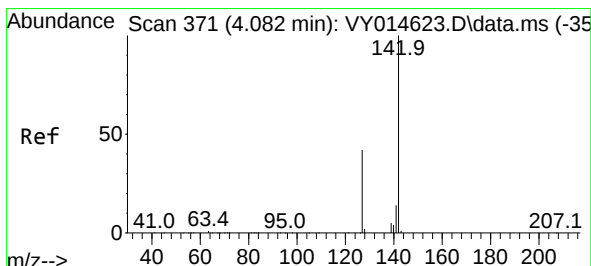
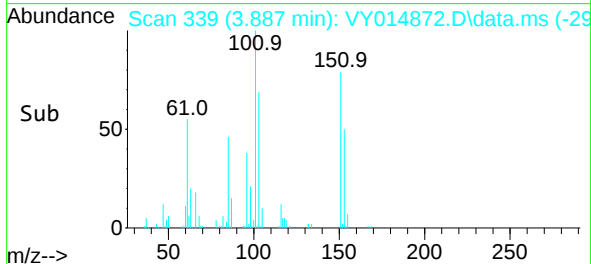
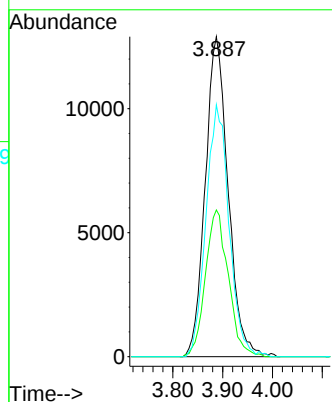
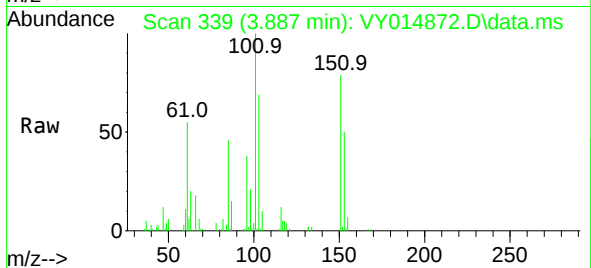
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.256 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01

Tgt Ion:101 Resp: 4111
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 79.0 67.0 100.6

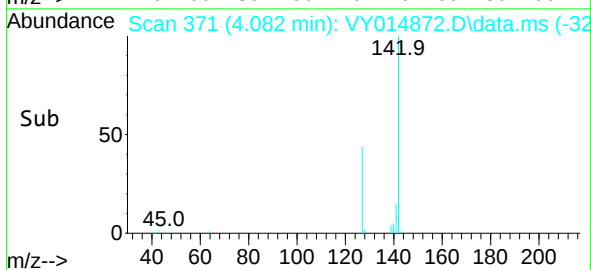
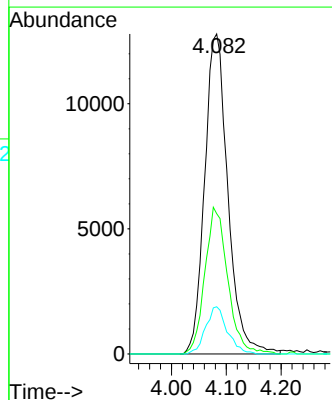
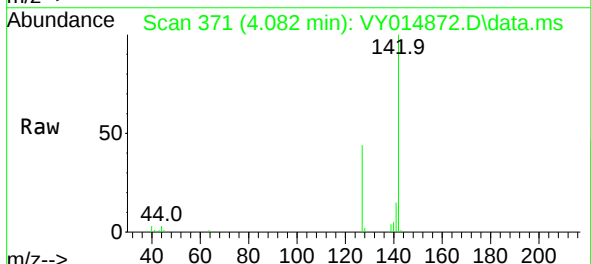
Manual Integrations
APPROVED

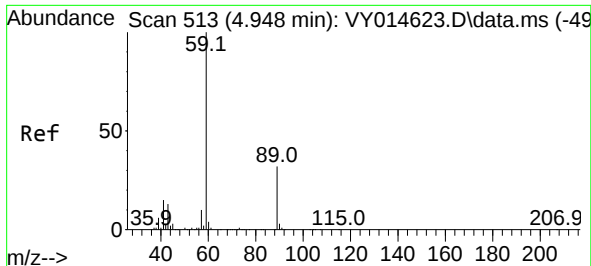
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 17.387 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

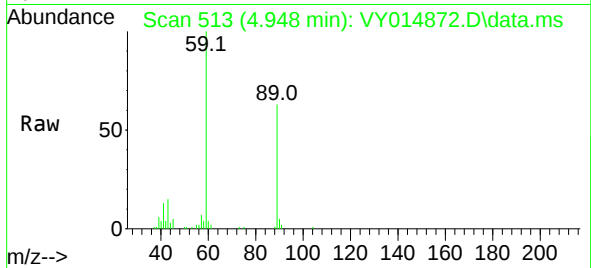
Tgt Ion:142 Resp: 37636
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 130.949 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

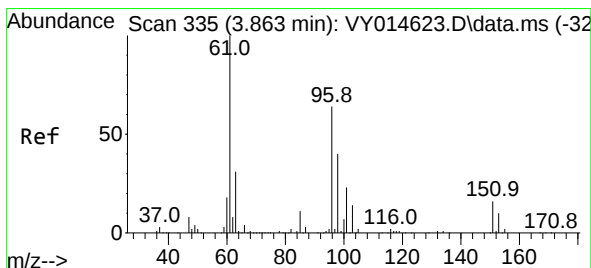
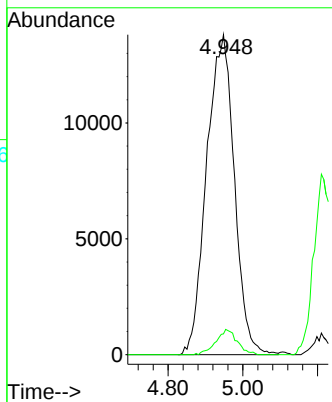
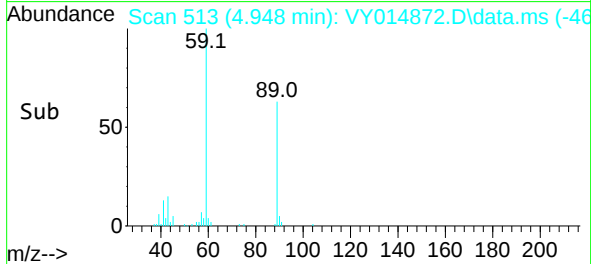
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



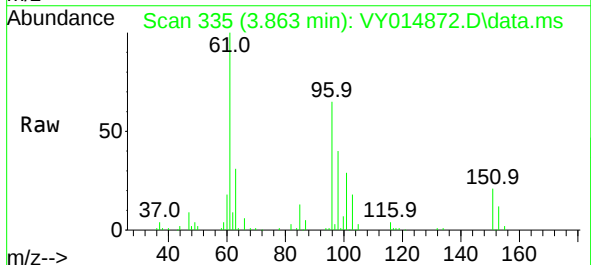
Tgt Ion: 59 Resp: 7104
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.4

Manual Integrations
APPROVED

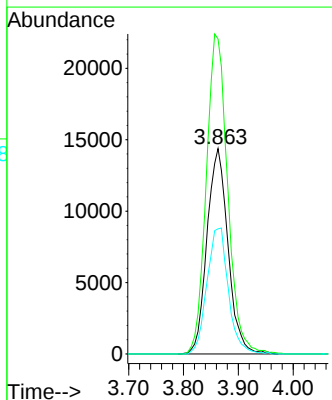
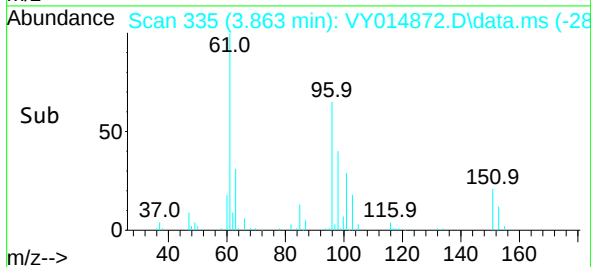
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

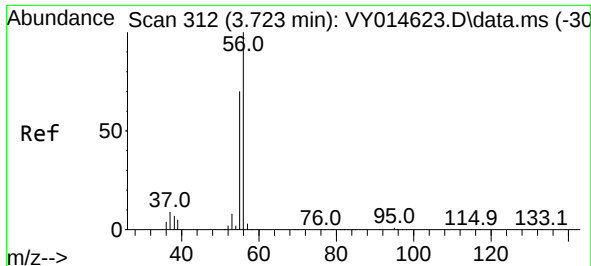


#12
1,1-Dichloroethene
Concen: 18.203 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



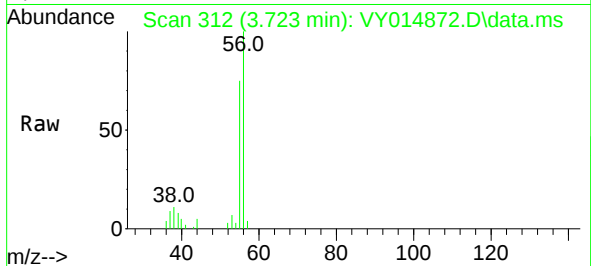
Tgt Ion: 96 Resp: 38314
Ion Ratio Lower Upper
96 100
61 153.4 136.4 204.6
98 60.9 49.4 74.2





#13
Acrolein
Concen: 82.993 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

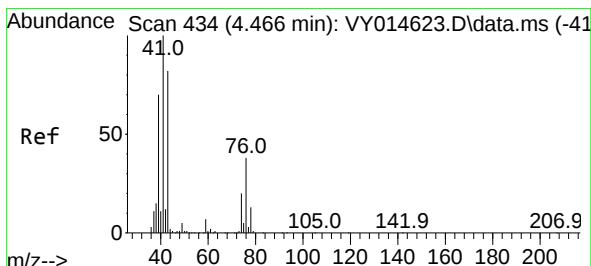
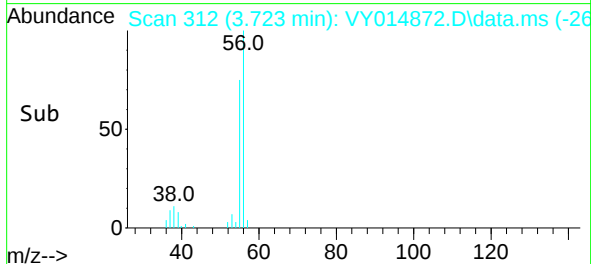
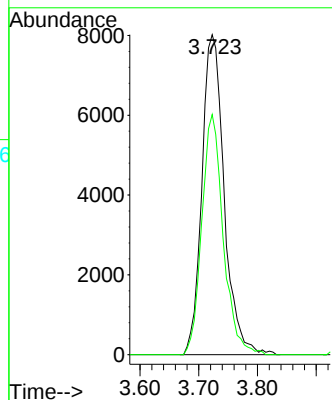
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 56 Resp: 21128
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4

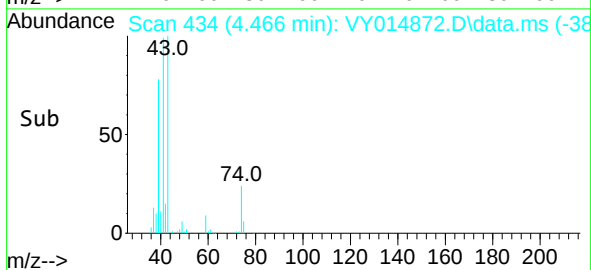
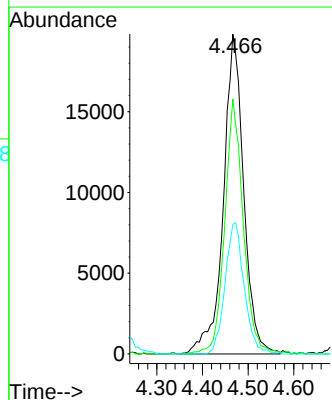
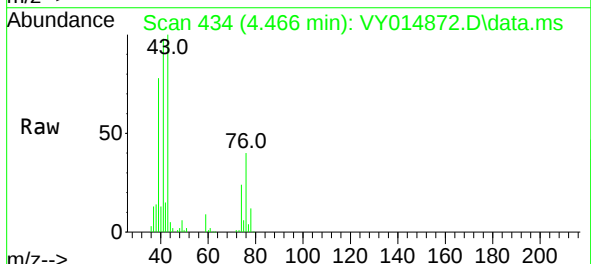
Manual Integrations
APPROVED

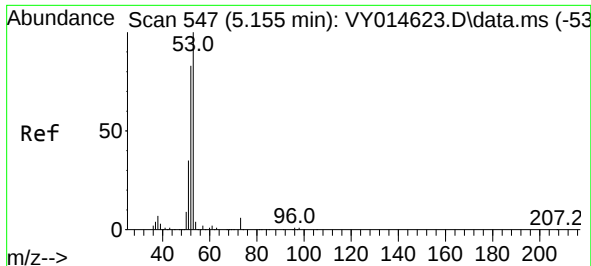
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#14
Allyl chloride
Concen: 16.396 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

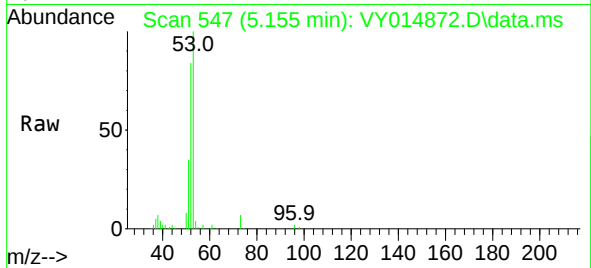
Tgt Ion: 41 Resp: 61276
Ion Ratio Lower Upper
41 100
39 72.7 58.0 87.0
76 38.6 27.4 41.2





#15
Acrylonitrile
Concen: 99.736 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

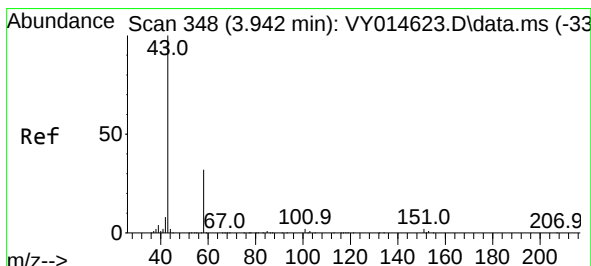
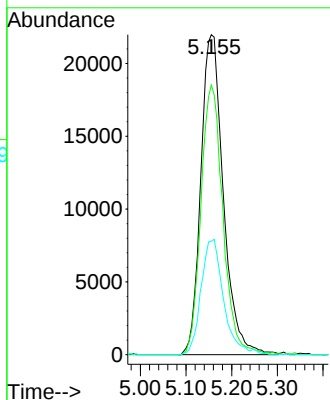
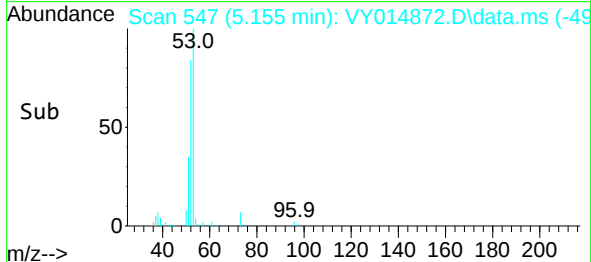
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



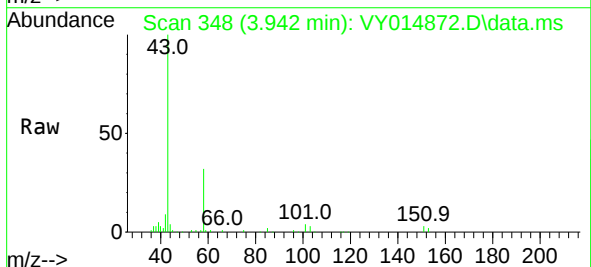
Tgt Ion: 53 Resp: 75180
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.1 29.8 44.6

Manual Integrations
APPROVED

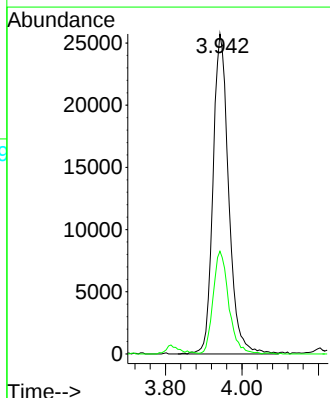
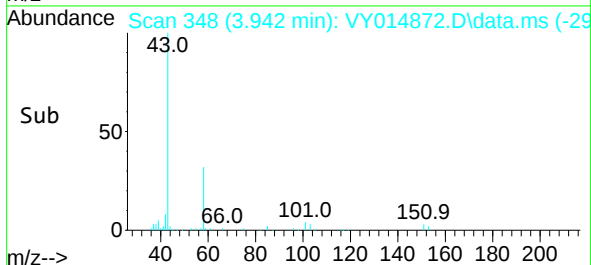
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

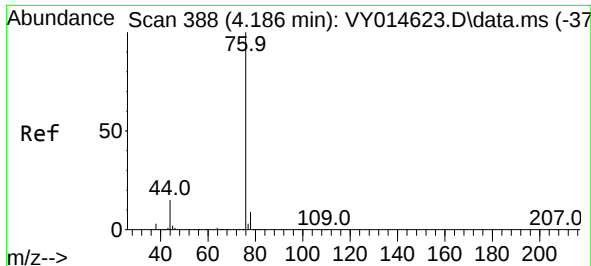


#16
Acetone
Concen: 95.085 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



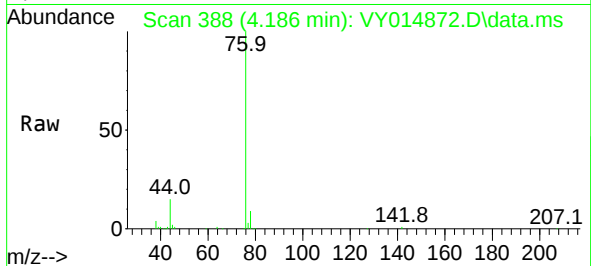
Tgt Ion: 43 Resp: 73390
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#17
Carbon Disulfide
Concen: 16.831 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

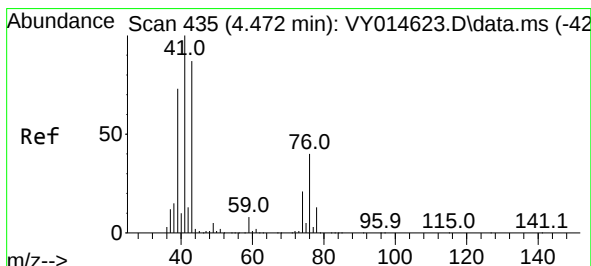
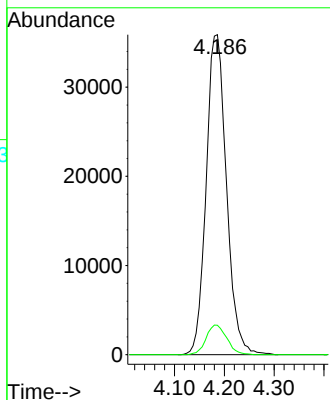
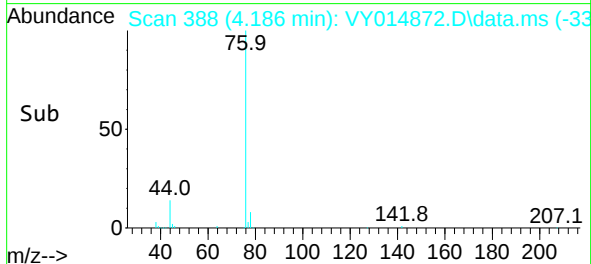
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 76 Resp: 10142
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

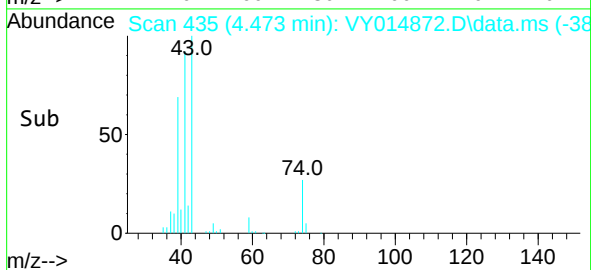
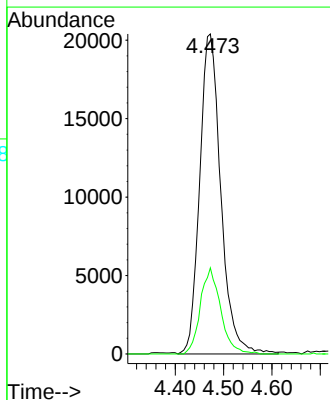
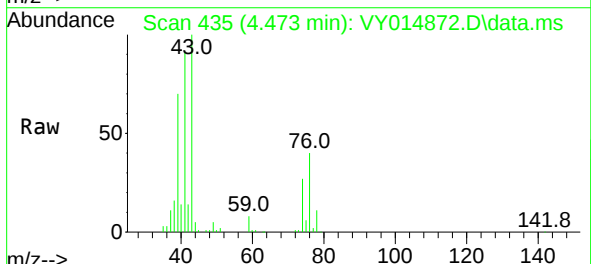
Manual Integrations
APPROVED

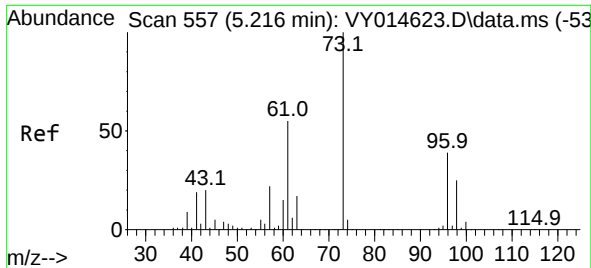
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 20.886 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

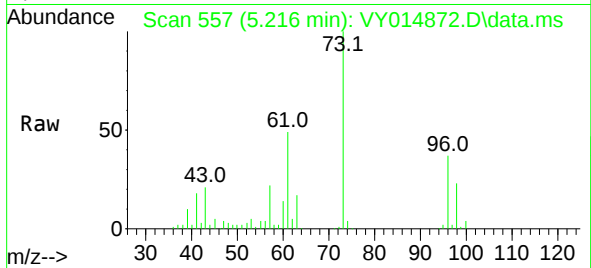
Tgt Ion: 43 Resp: 61862
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 18.762 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

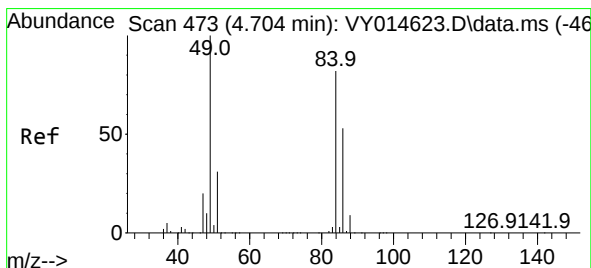
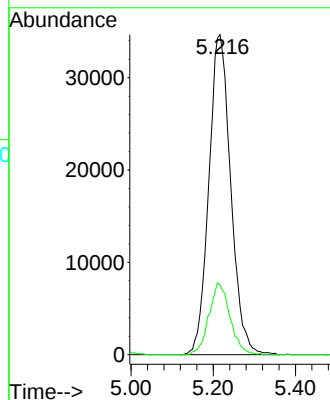
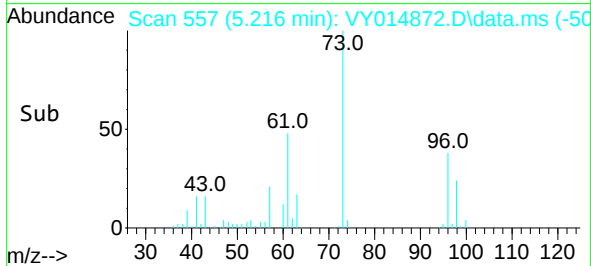
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 73 Resp: 12828
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

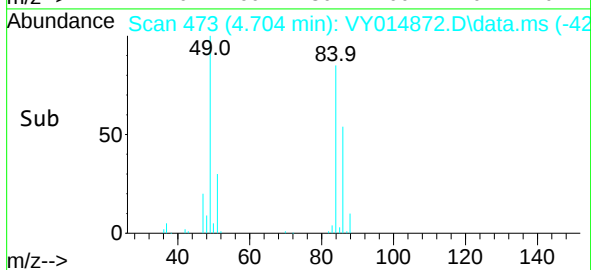
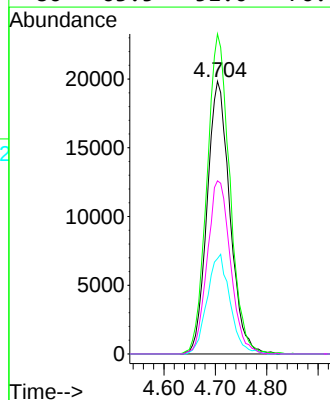
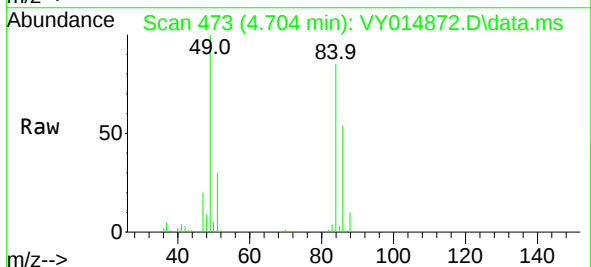
Manual Integrations
APPROVED

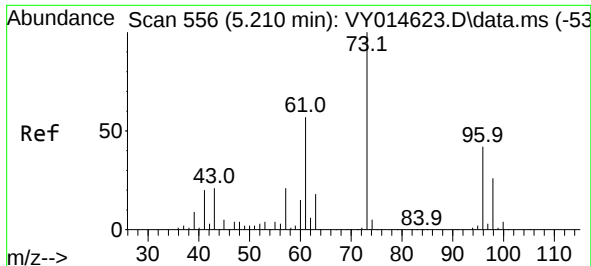
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#20
Methylene Chloride
Concen: 21.955 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

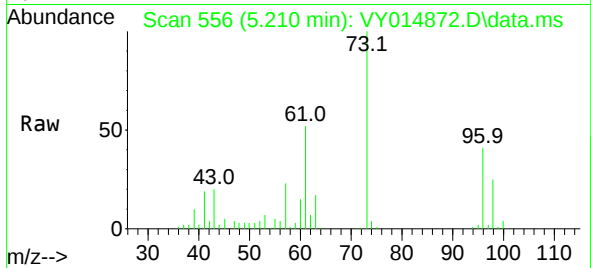
Tgt Ion: 84 Resp: 60989
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 35.0 33.2 49.8
86 63.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.022 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

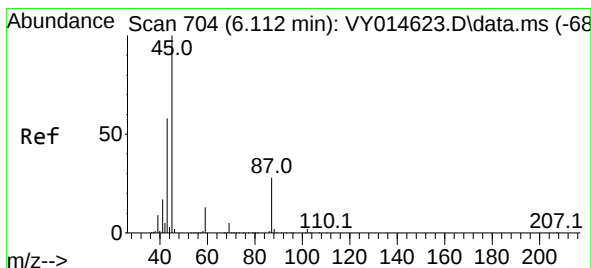
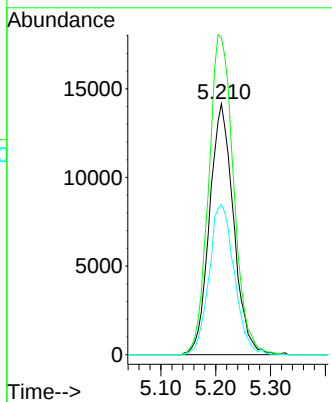
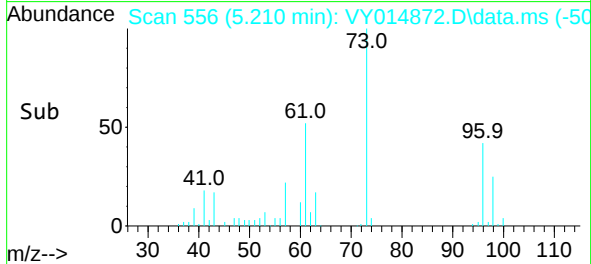
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



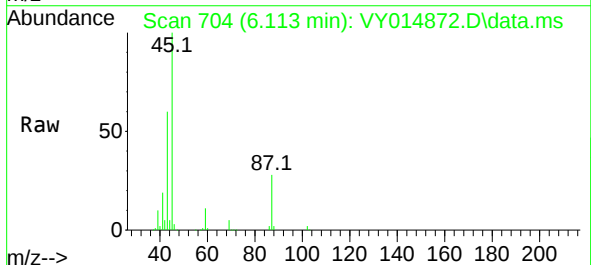
Tgt Ion: 96 Resp: 43048
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 59.9 51.8 77.6

Manual Integrations
APPROVED

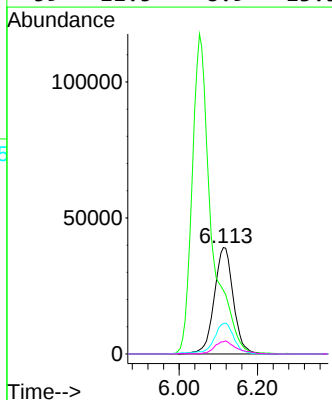
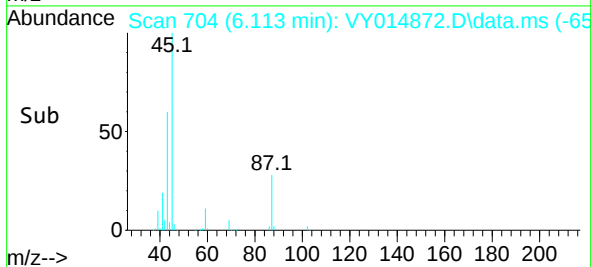
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

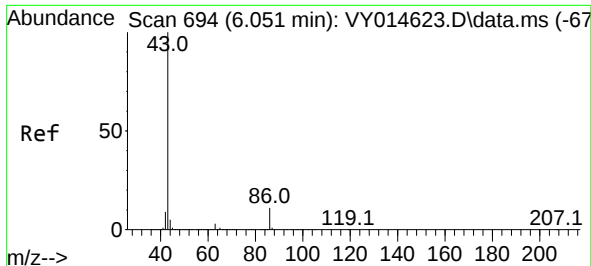


#22
Diisopropyl ether
Concen: 17.432 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



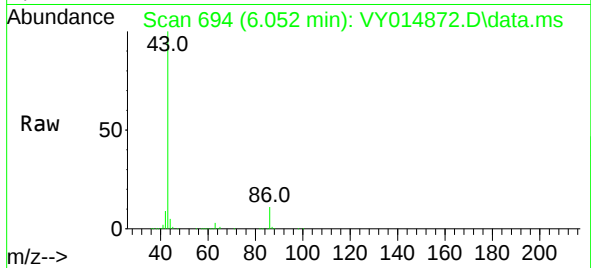
Tgt Ion: 45 Resp: 132447
Ion Ratio Lower Upper
45 100
43 59.3 52.2 78.4
87 28.5 21.0 31.6
59 11.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 88.329 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08

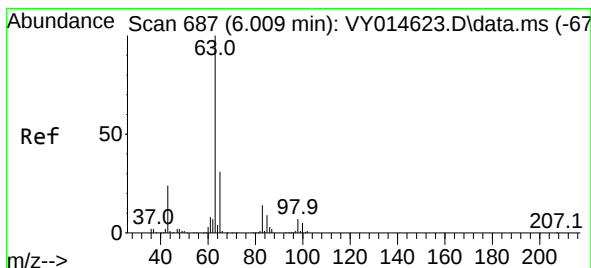
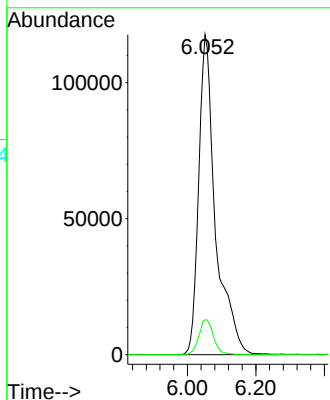
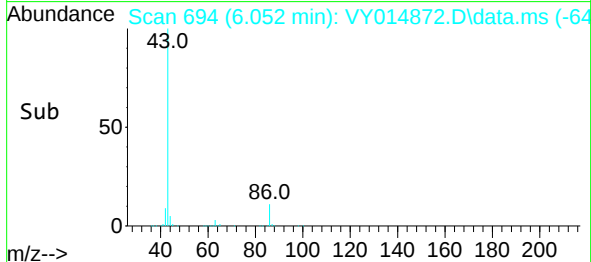
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01



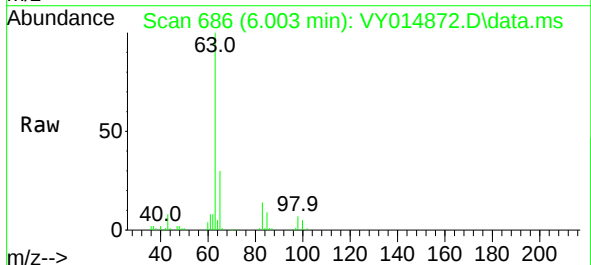
Tgt Ion: 43 Resp: 401620
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

Manual Integrations
 APPROVED

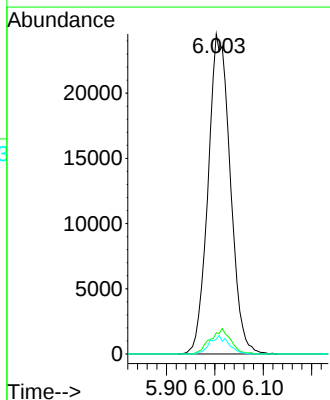
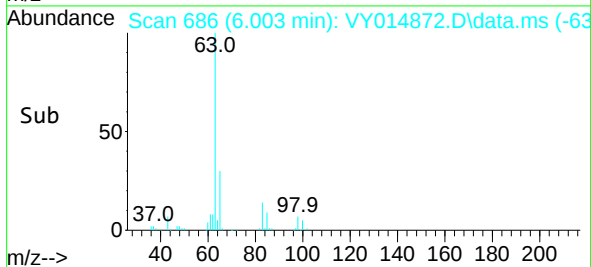
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

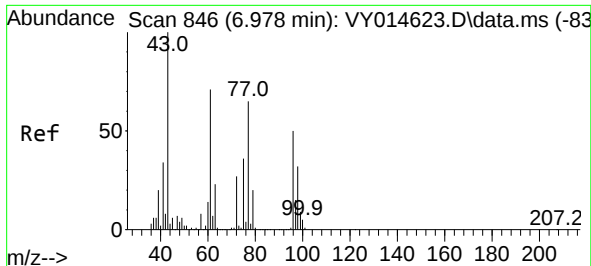


#24
 1,1-Dichloroethane
 Concen: 17.966 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08



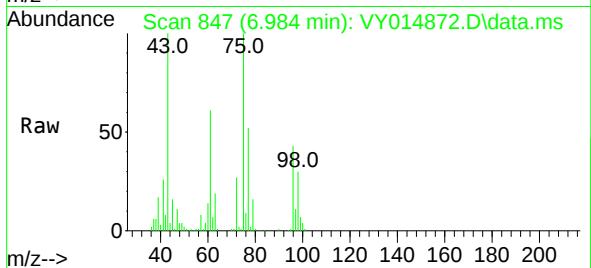
Tgt Ion: 63 Resp: 78109
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.6 1.8 5.5





#25
2-Butanone
Concen: 98.694 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

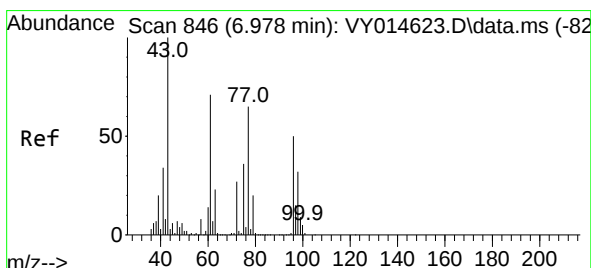
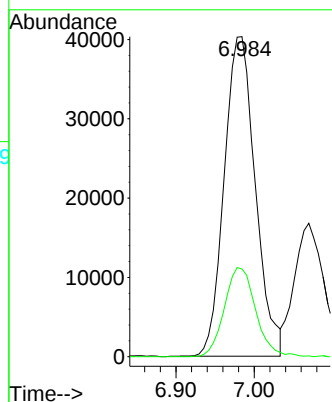
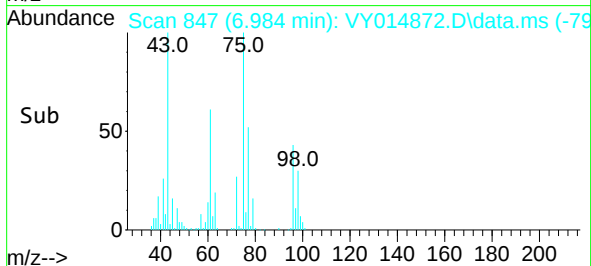
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



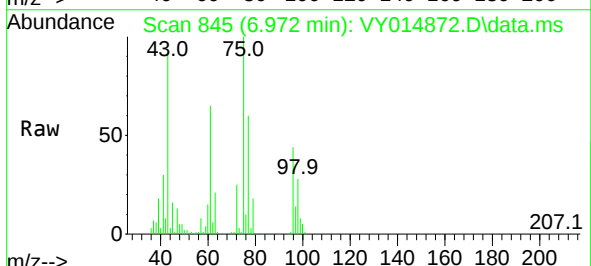
Tgt Ion: 43 Resp: 11144
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7

Manual Integrations
APPROVED

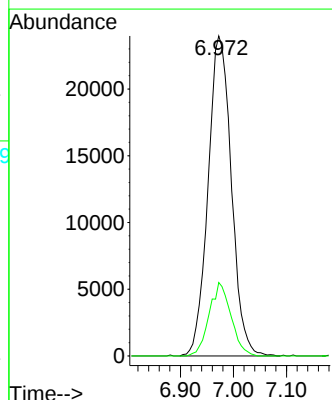
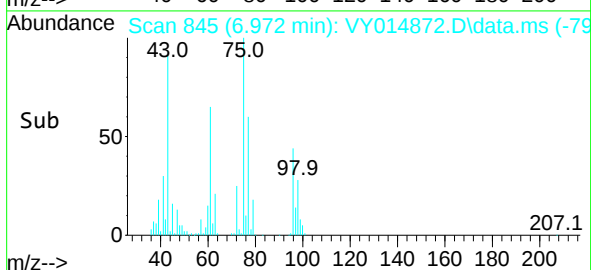
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

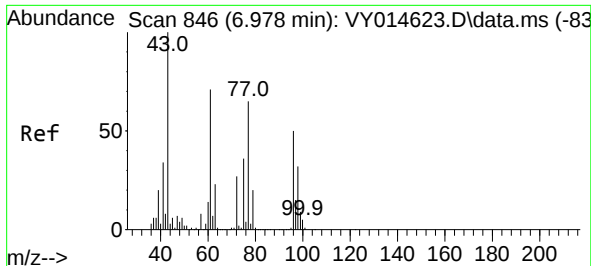


#26
2,2-Dichloropropane
Concen: 17.662 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



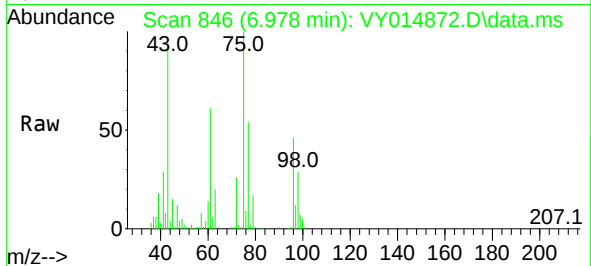
Tgt Ion: 77 Resp: 73183
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.507 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08

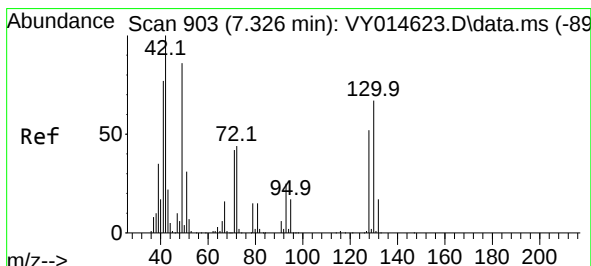
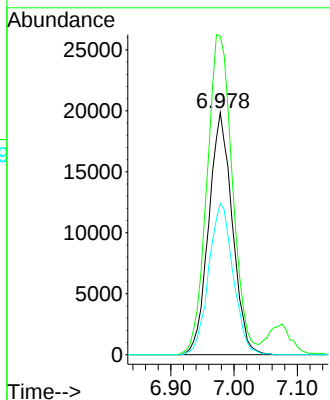
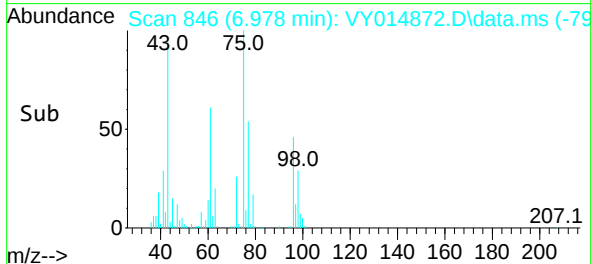
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBSD01



Tgt Ion: 96 Resp: 5145
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 301.4
 98 64.6 0.0 130.4

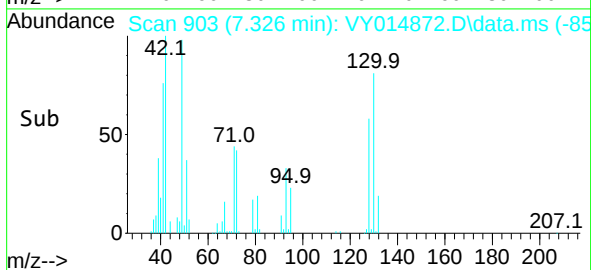
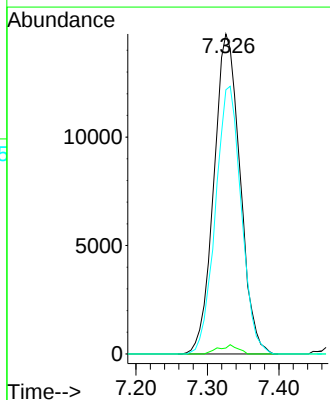
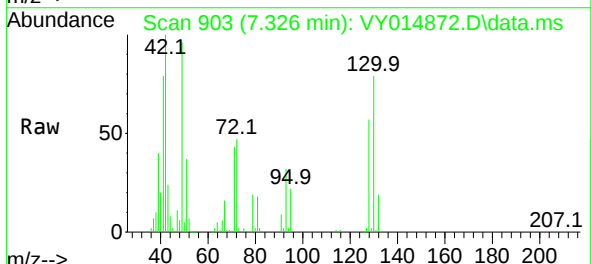
Manual Integrations
 APPROVED

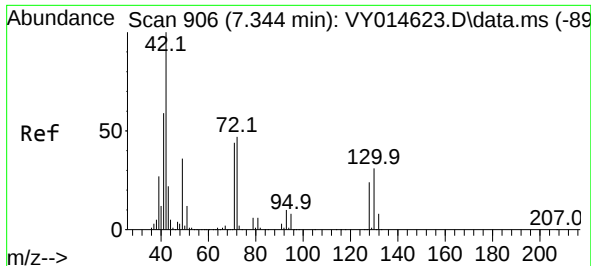
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#28
 Bromochloromethane
 Concen: 20.062 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08

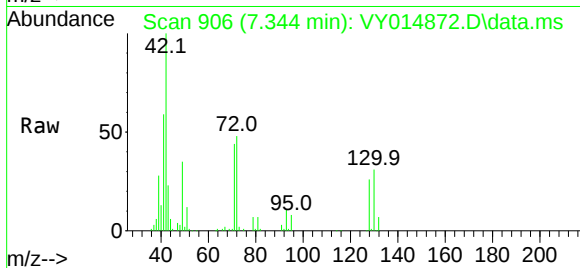
Tgt Ion: 49 Resp: 37563
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.3 60.7 91.1





#29
Tetrahydrofuran
Concen: 99.992 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

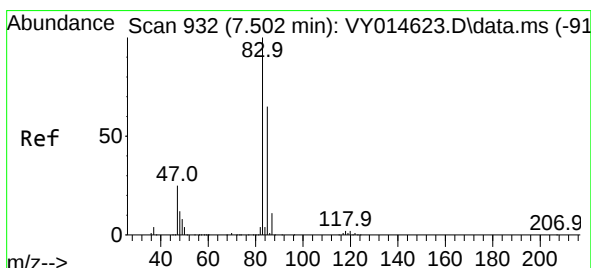
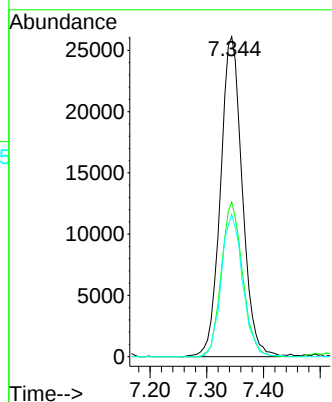
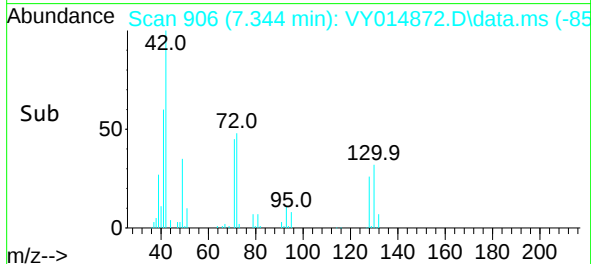
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 42 Resp: 6952
Ion Ratio Lower Upper
42 100
72 47.2 32.8 49.2
71 44.0 31.0 46.4

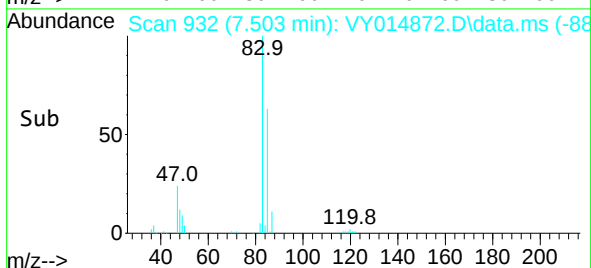
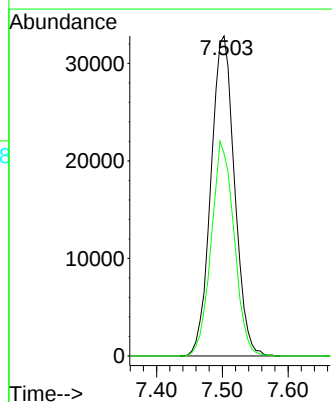
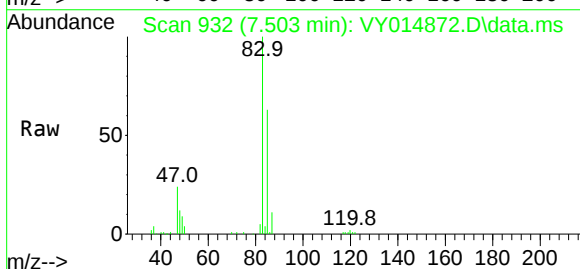
Manual Integrations
APPROVED

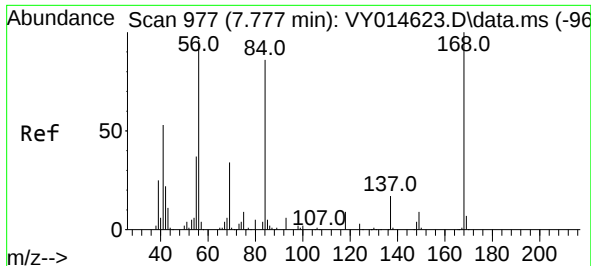
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#30
Chloroform
Concen: 18.271 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

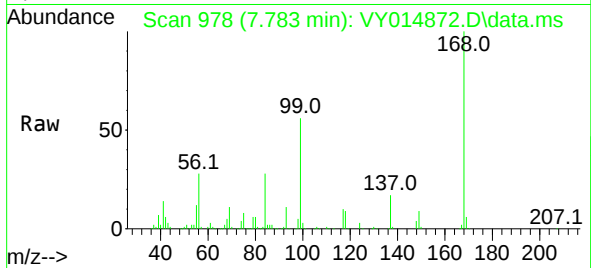
Tgt Ion: 83 Resp: 81914
Ion Ratio Lower Upper
83 100
85 63.3 49.7 74.5





#31
Cyclohexane
Concen: 16.805 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

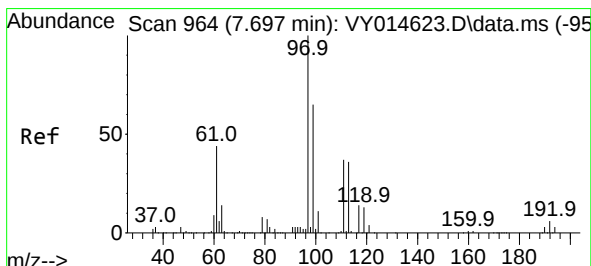
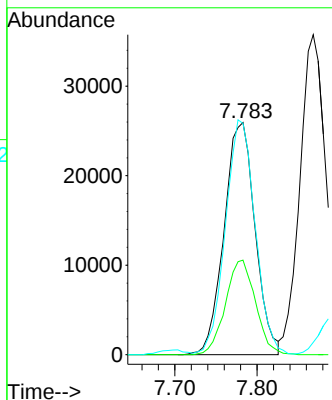
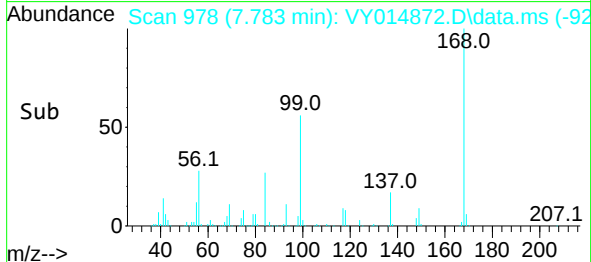
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



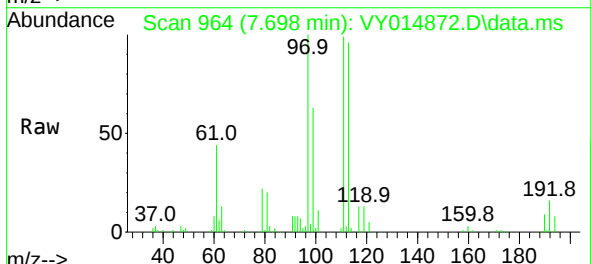
Tgt Ion: 56 Resp: 6794
Ion Ratio Lower Upper
56 100
69 40.8 27.8 41.6
84 97.6 66.4 99.6

Manual Integrations
APPROVED

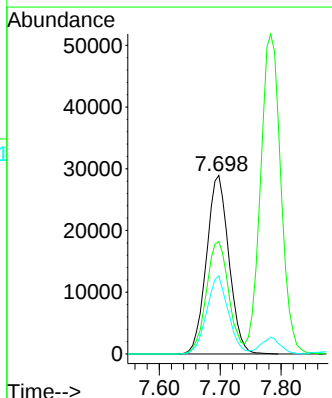
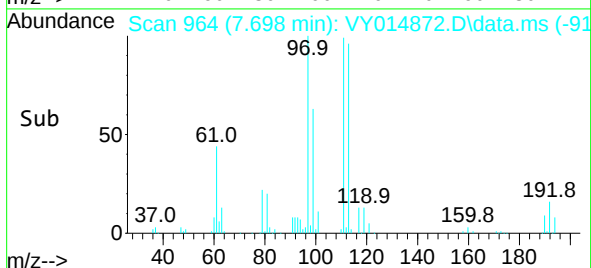
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

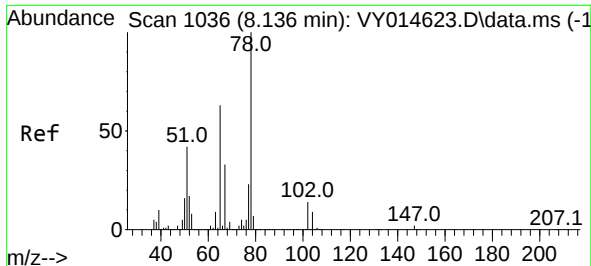


#32
1,1,1-Trichloroethane
Concen: 18.270 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 97 Resp: 73720
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.251 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 65 Resp: 10778

Ion Ratio Lower Upper

65 100

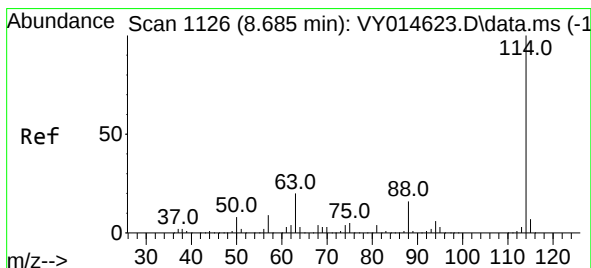
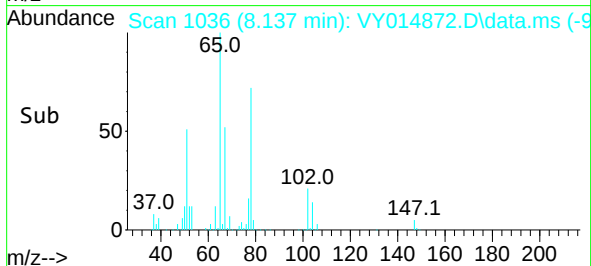
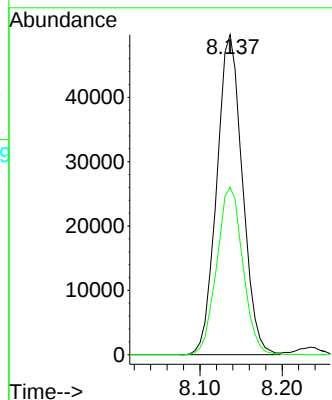
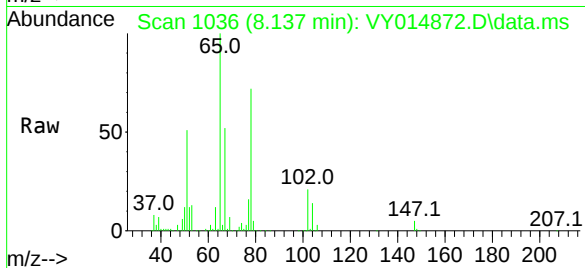
67 53.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

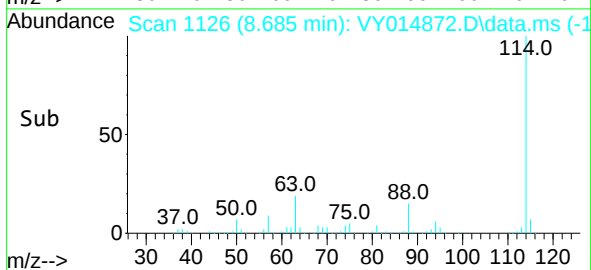
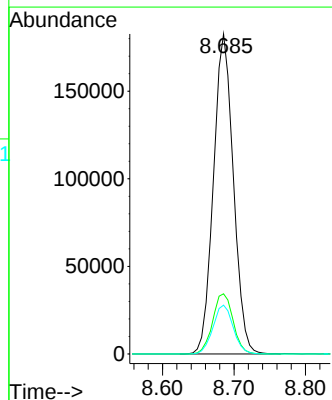
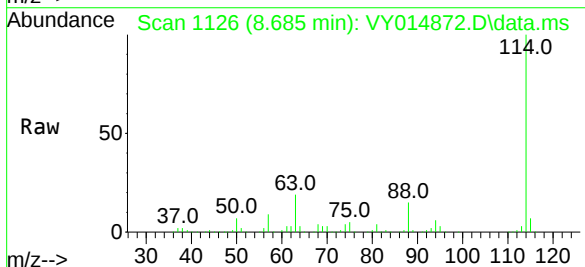
Tgt Ion:114 Resp: 353471

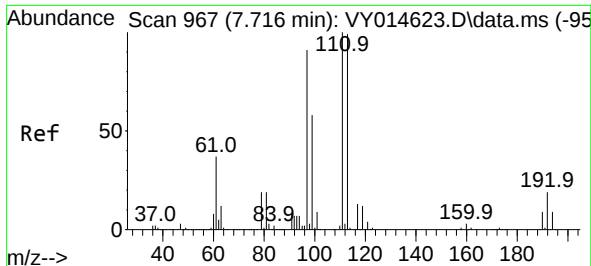
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

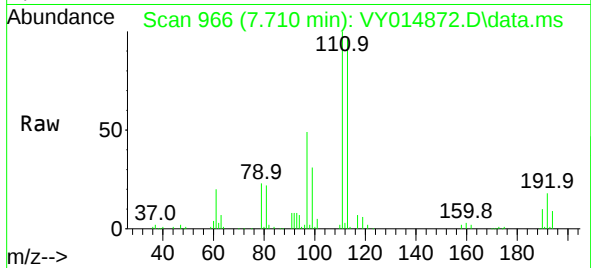
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.464 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

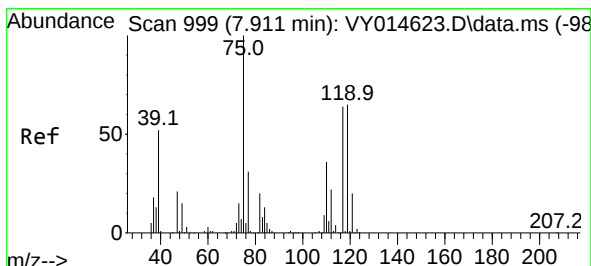
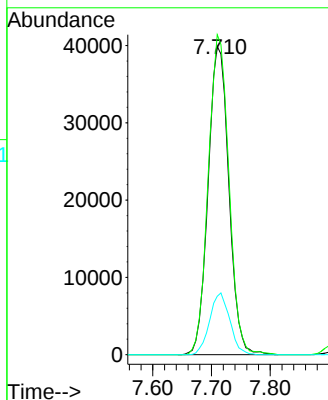
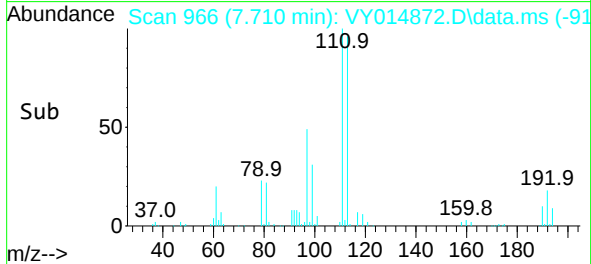
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



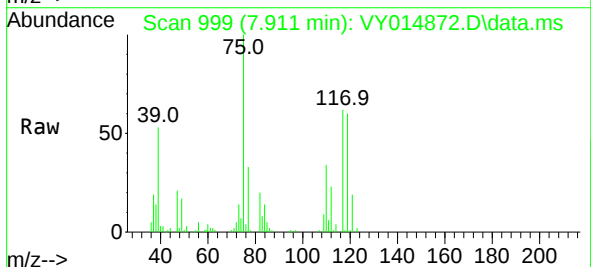
Tgt Ion:113 Resp: 97798
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.5 16.9 25.3

Manual Integrations
APPROVED

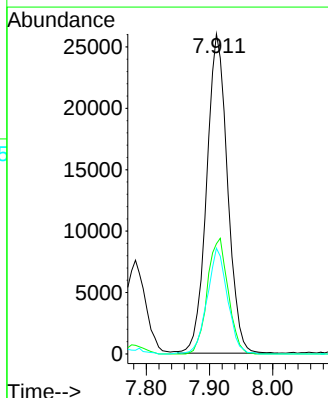
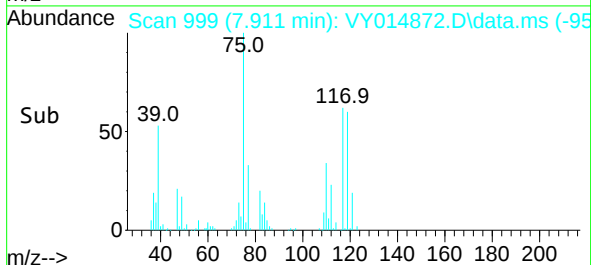
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

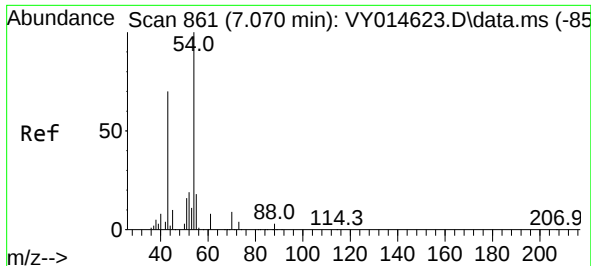


#36
1,1-Dichloropropene
Concen: 17.685 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



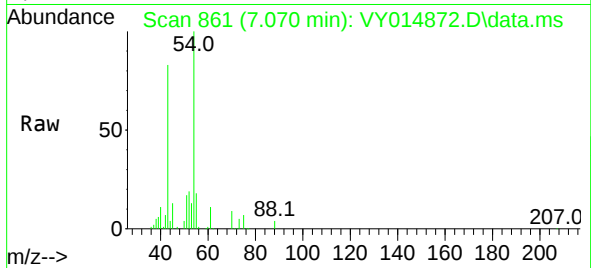
Tgt Ion: 75 Resp: 59510
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 32.3 24.4 36.6





#37
Ethyl Acetate
Concen: 19.733 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

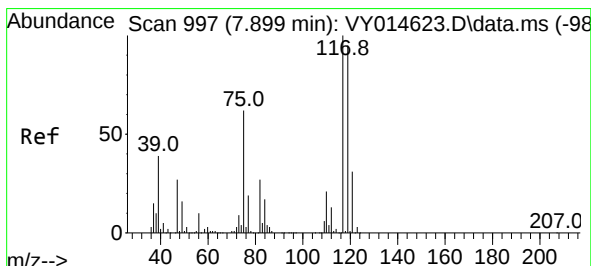
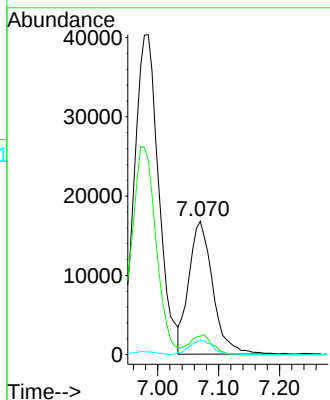
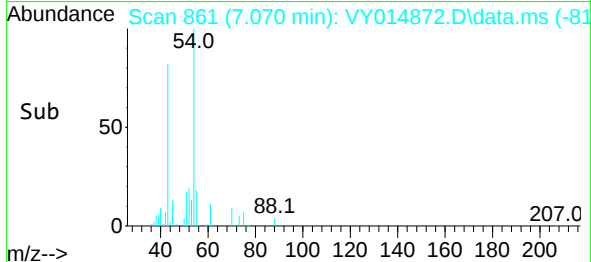
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 43 Resp: 4571
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.7 7.1 10.7

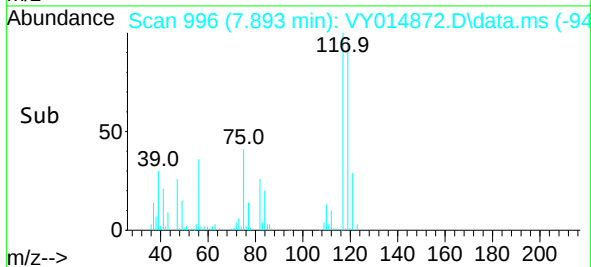
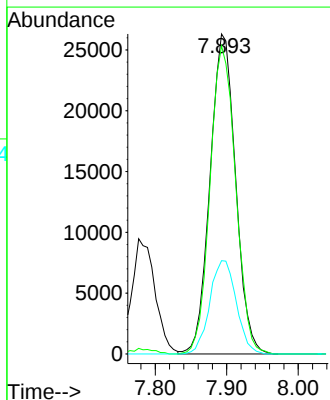
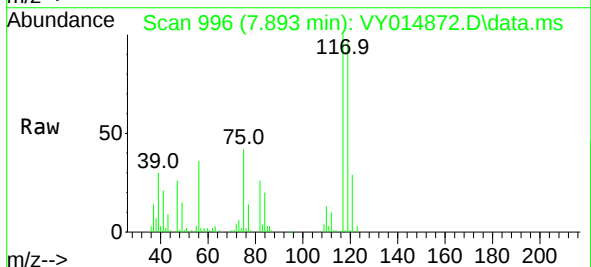
Manual Integrations
APPROVED

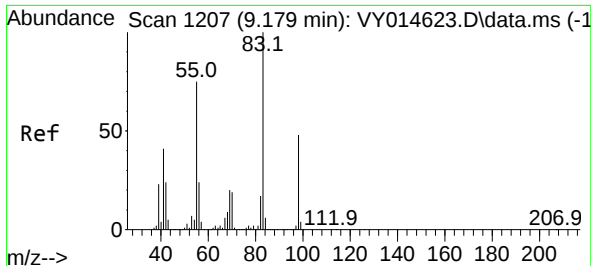
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#38
Carbon Tetrachloride
Concen: 18.357 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

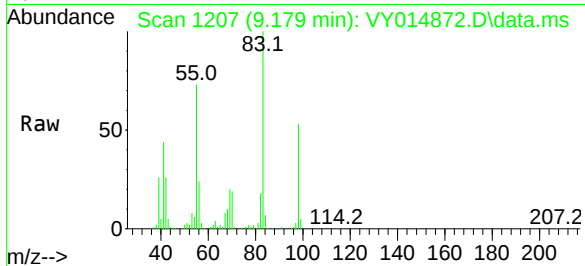
Tgt Ion:117 Resp: 65296
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 29.2 25.8 38.6





#39
Methylcyclohexane
Concen: 17.213 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

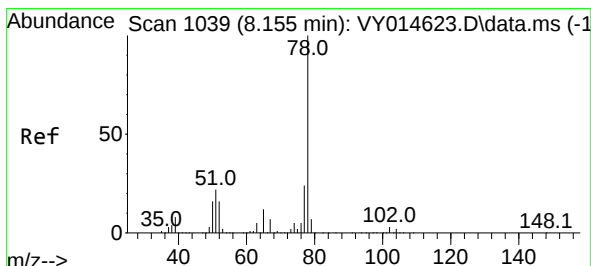
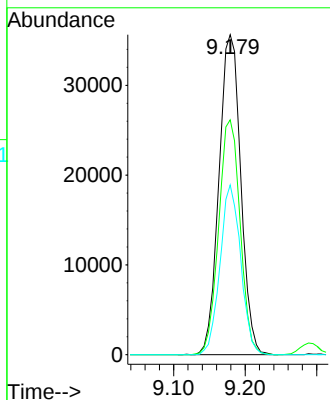
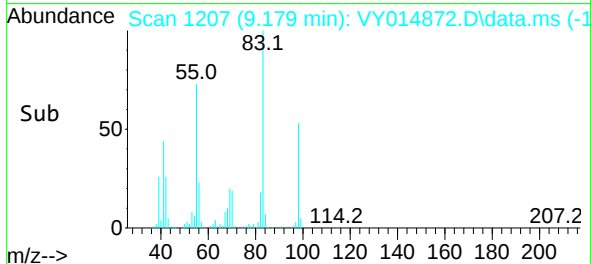
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 83 Resp: 75462
Ion Ratio Lower Upper
83 100
55 73.4 63.0 94.4
98 53.1 37.4 56.2

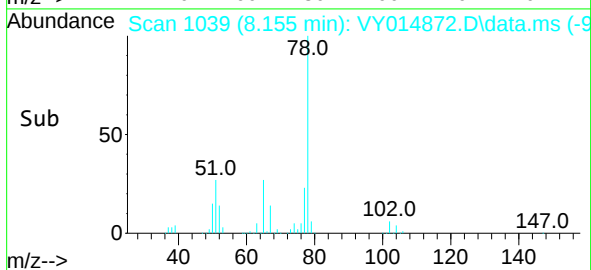
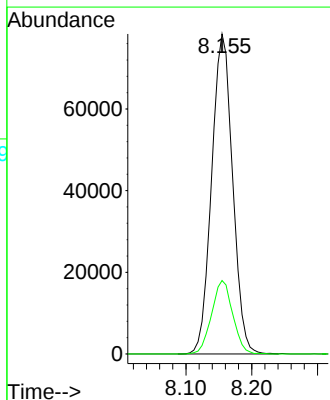
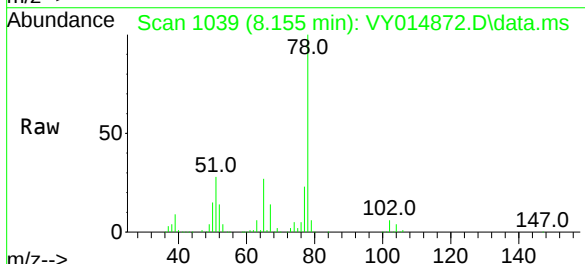
Manual Integrations
APPROVED

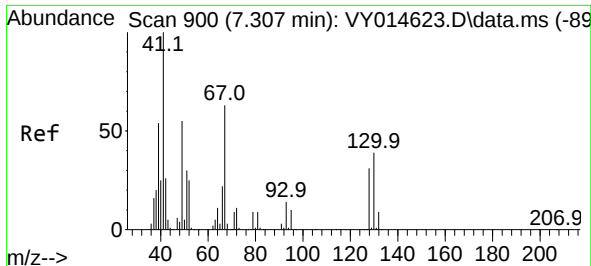
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#40
Benzene
Concen: 18.175 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

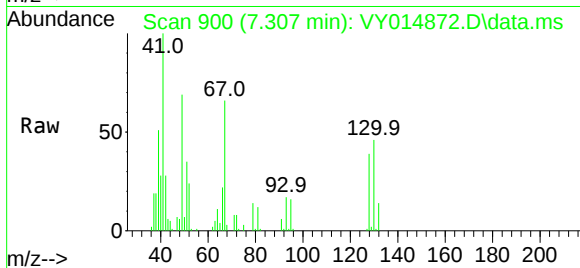
Tgt Ion: 78 Resp: 173938
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 21.400 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

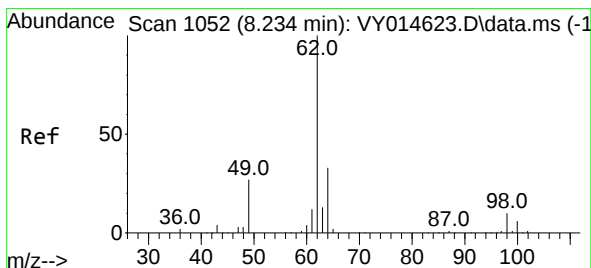
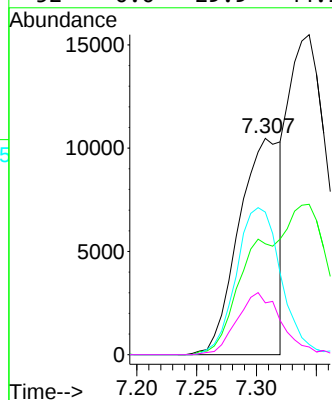
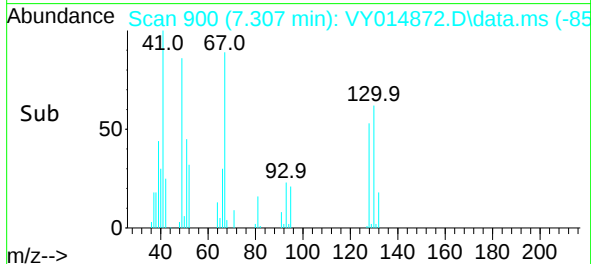
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 41 Resp: 2550
Ion Ratio Lower Upper
41 100
39 69.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

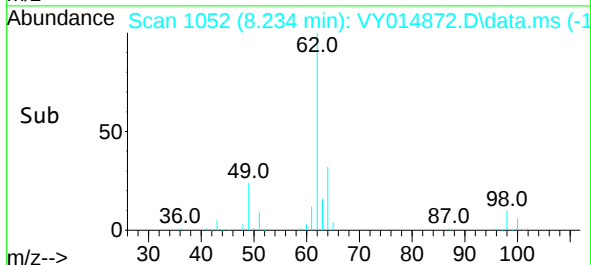
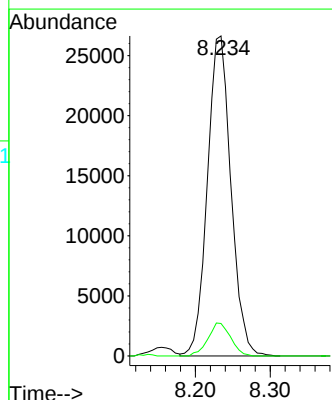
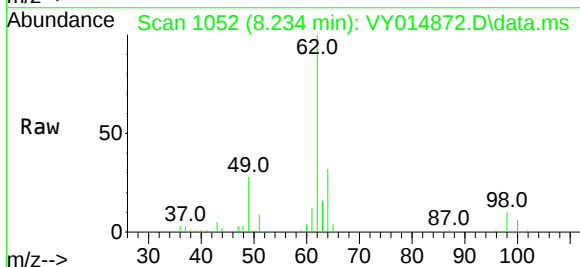
Manual Integrations
APPROVED

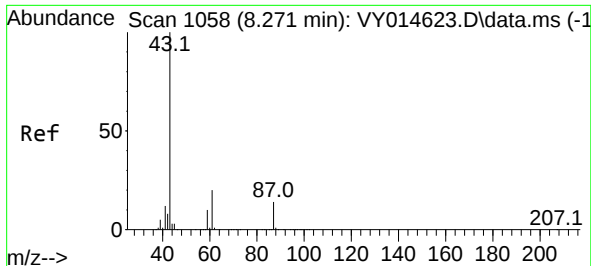
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#42
1,2-Dichloroethane
Concen: 19.269 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

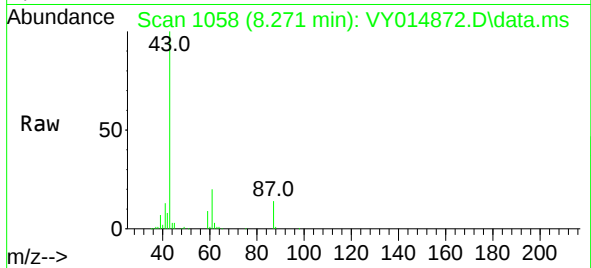
Tgt Ion: 62 Resp: 58397
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.748 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

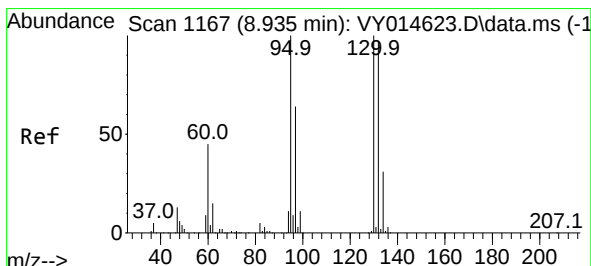
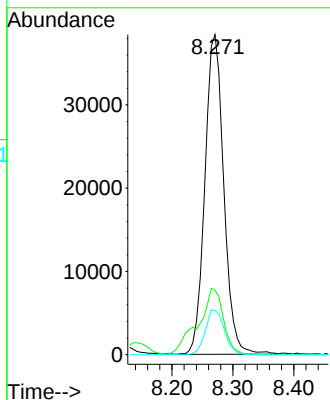
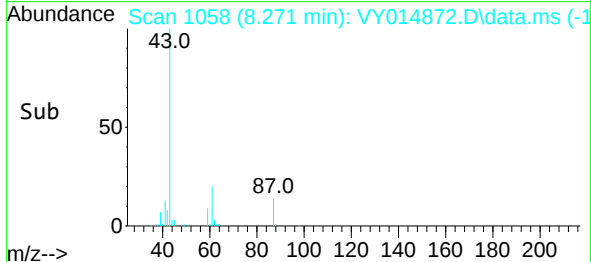
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 43 Resp: 82738
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 14.1 9.8 14.8

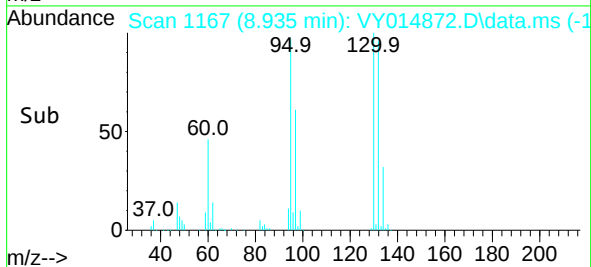
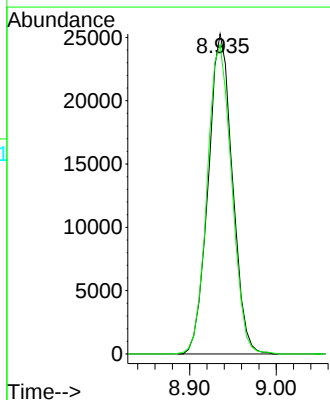
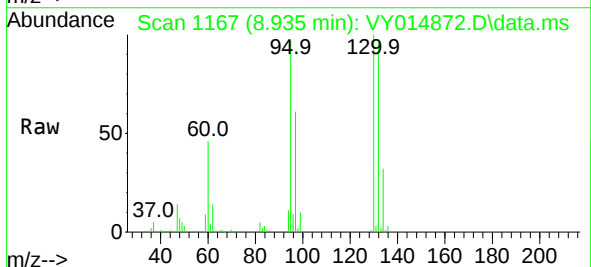
Manual Integrations
APPROVED

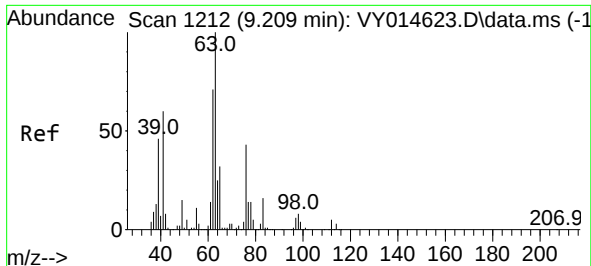
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#44
Trichloroethene
Concen: 18.319 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Tgt Ion:130 Resp: 49053
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 17.600 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBSD01

Tgt Ion: 63 Resp: 43982

Ion Ratio Lower Upper

63 100

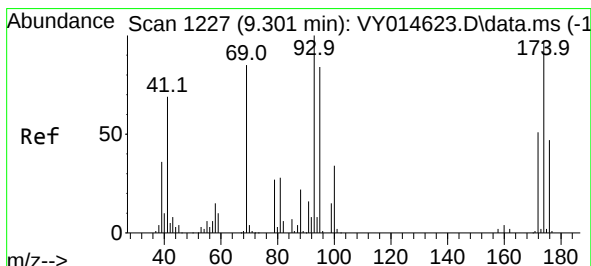
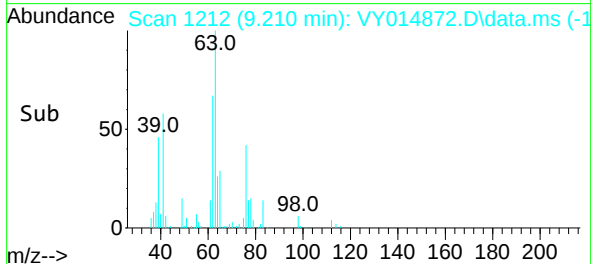
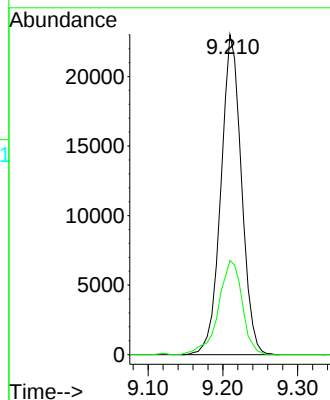
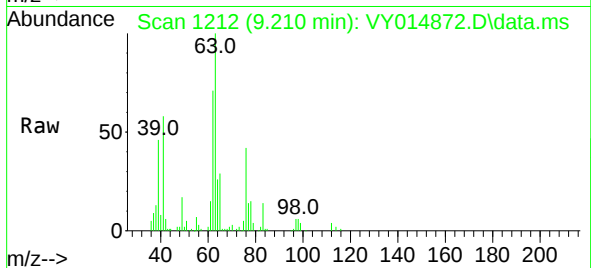
65 29.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 19.183 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

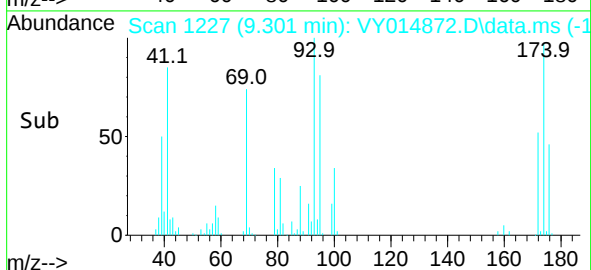
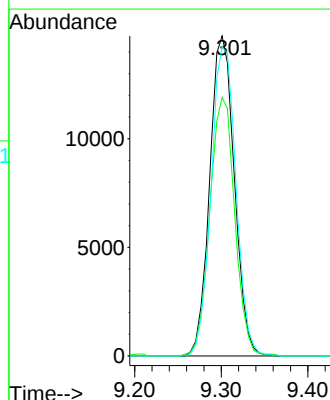
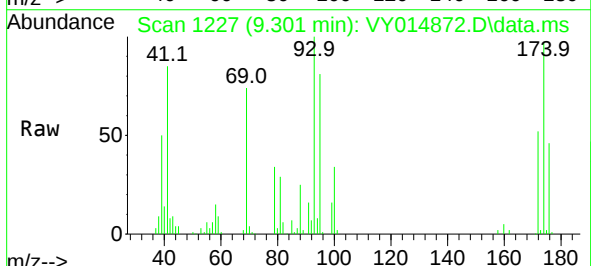
Tgt Ion: 93 Resp: 29082

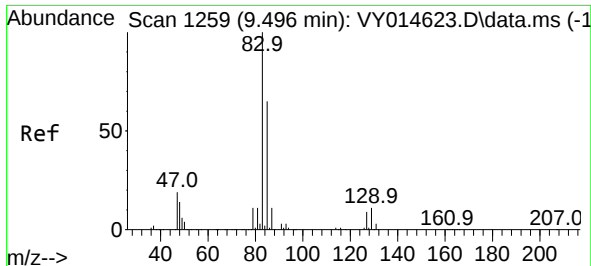
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

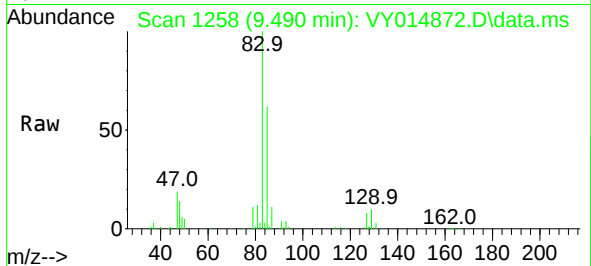
174 97.6 84.8 127.2





#47
Bromodichloromethane
Concen: 18.133 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

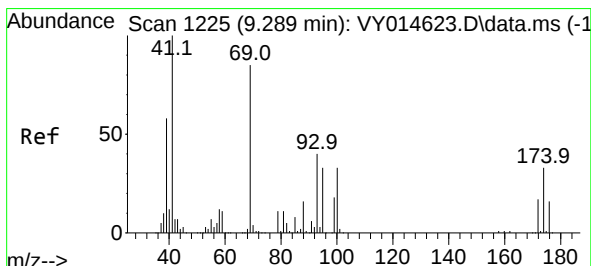
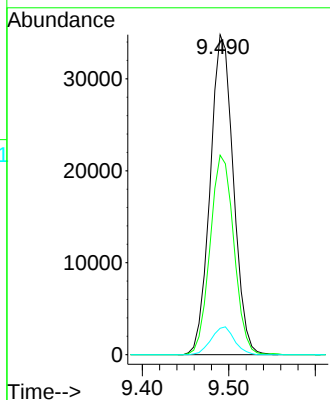
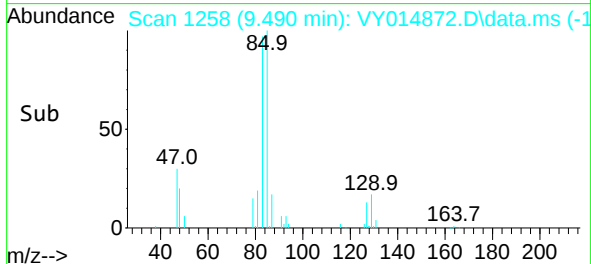
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



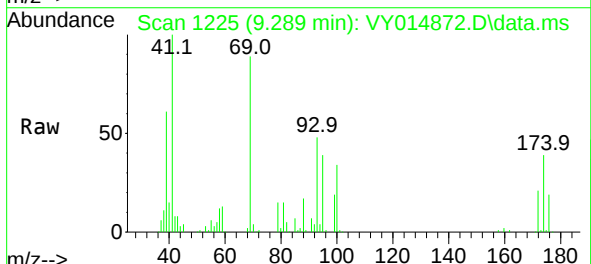
Tgt Ion: 83 Resp: 64789
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 8.3 7.1 10.7

Manual Integrations
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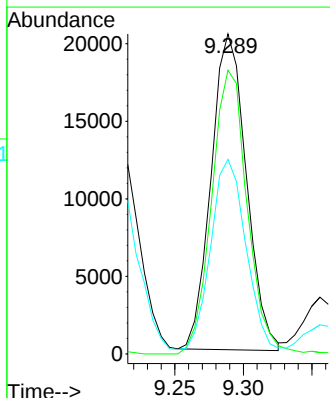
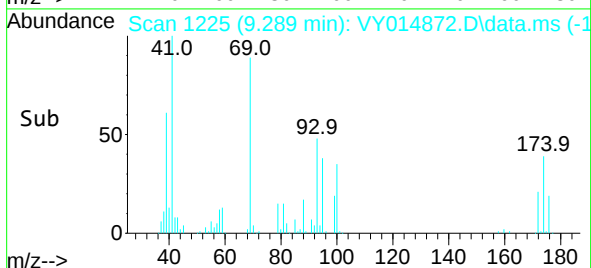
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

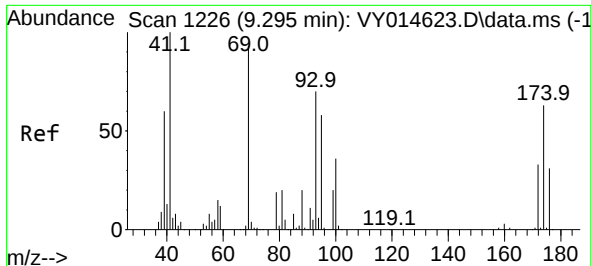


#48
Methyl methacrylate
Concen: 18.304 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 41 Resp: 36349
Ion Ratio Lower Upper
41 100
69 91.2 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 431.758 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBSD01

Tgt Ion: 88 Resp: 1067

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0

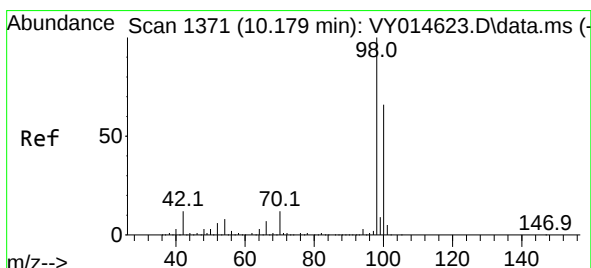
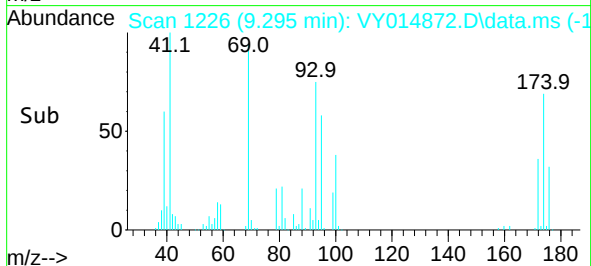
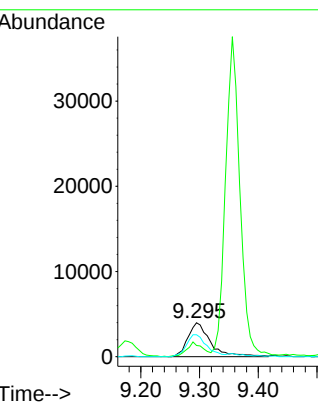
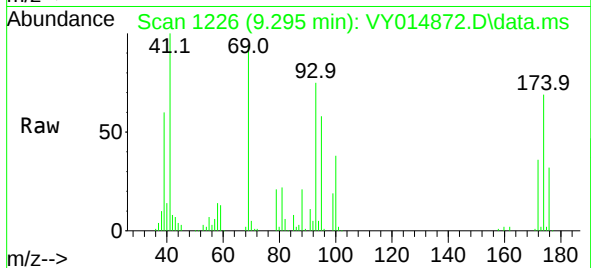
58 58.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#50

Toluene-d8

Concen: 42.459 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014872.D

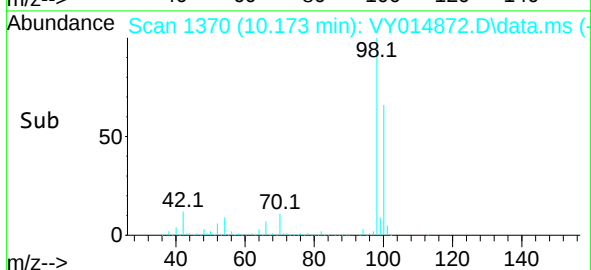
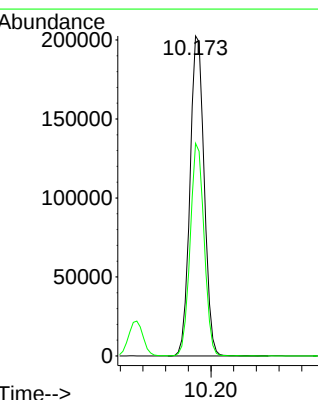
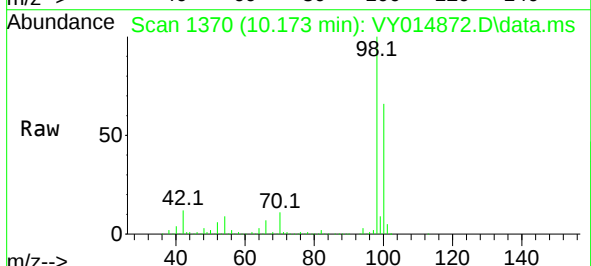
Acq: 27 Jul 2023 11:08

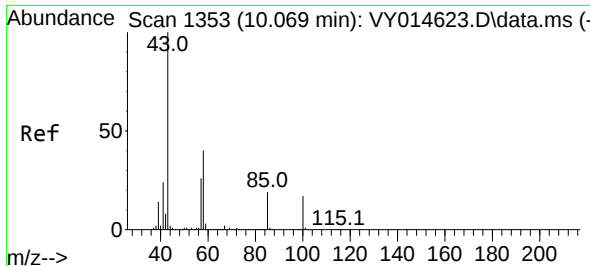
Tgt Ion: 98 Resp: 352225

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





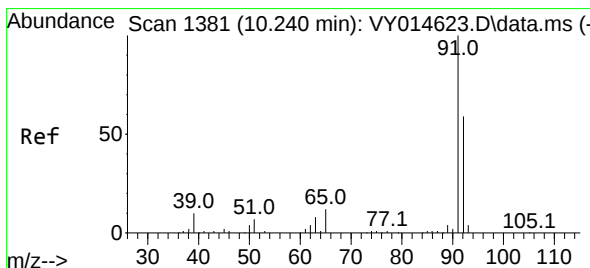
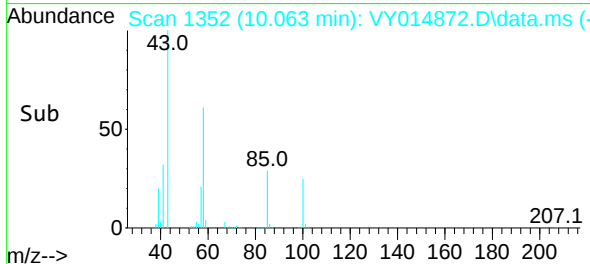
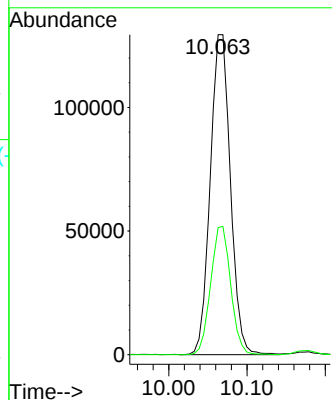
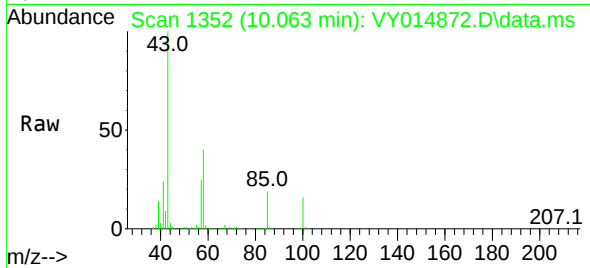
#51
4-Methyl-2-Pentanone
Concen: 100.017 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 43 Resp: 231754
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6

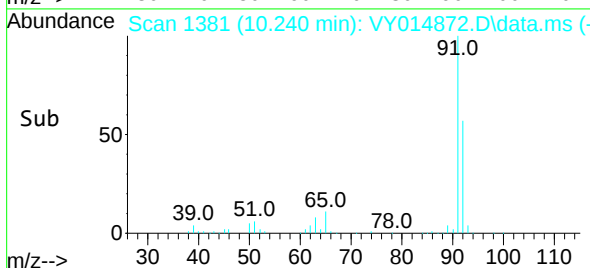
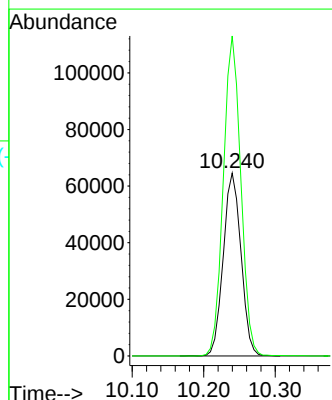
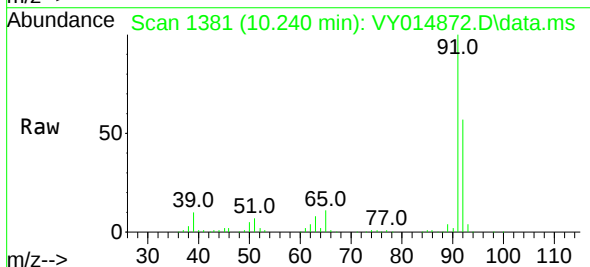
Manual Integrations
APPROVED

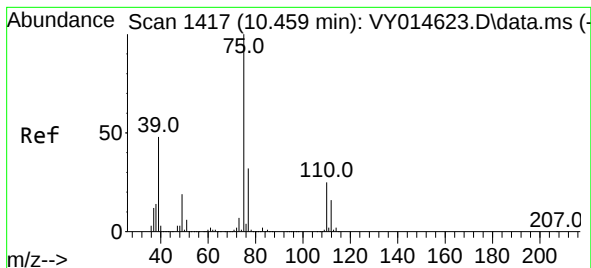
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#52
Toluene
Concen: 18.149 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

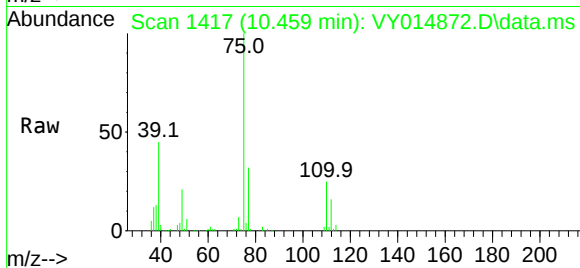
Tgt Ion: 92 Resp: 111145
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 17.356 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

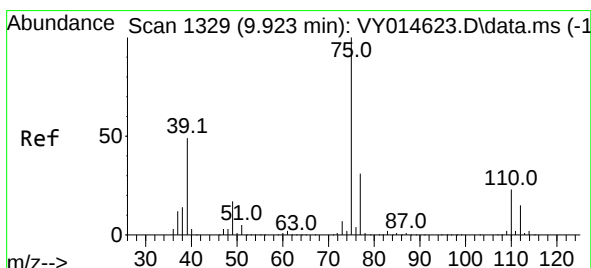
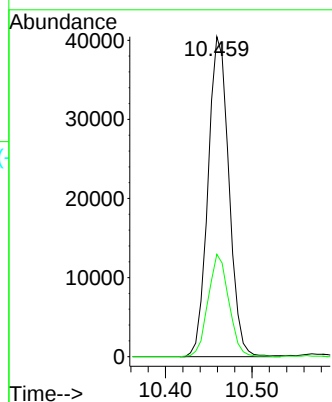
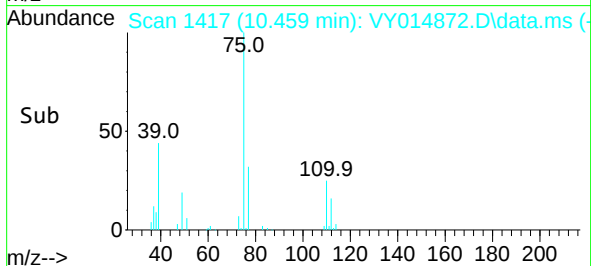
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



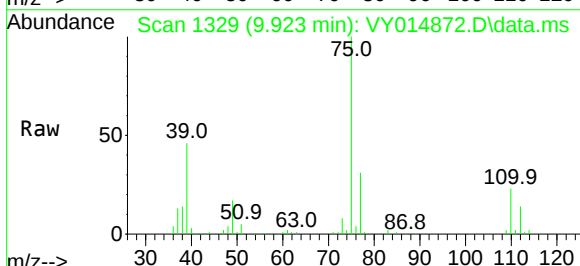
Tgt Ion: 75 Resp: 6783
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

Manual Integrations
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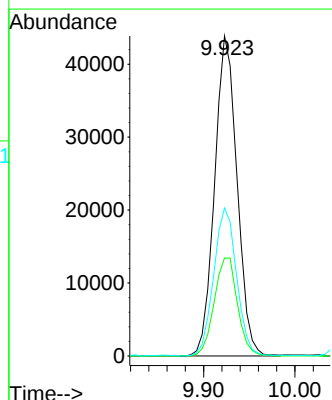
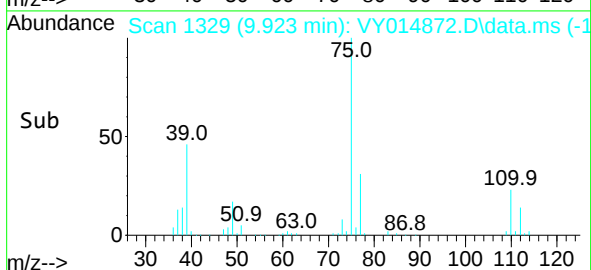
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

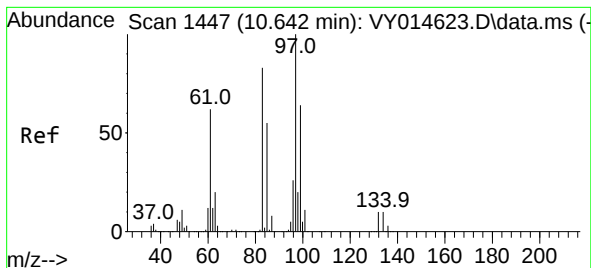


#54
cis-1,3-Dichloropropene
Concen: 17.592 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



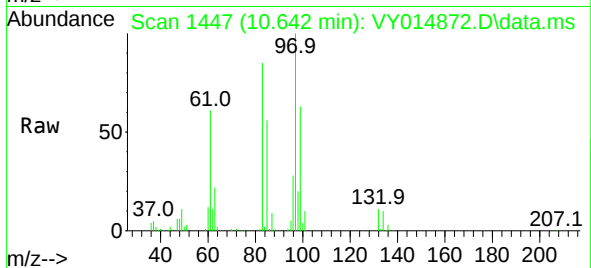
Tgt Ion: 75 Resp: 74769
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4
39 46.3 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.021 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

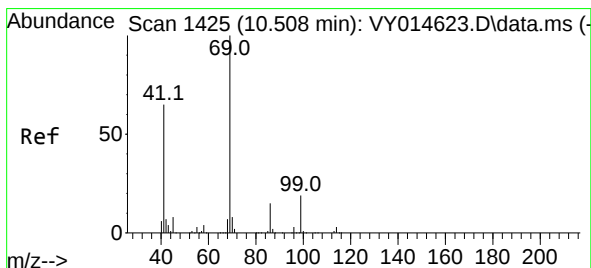
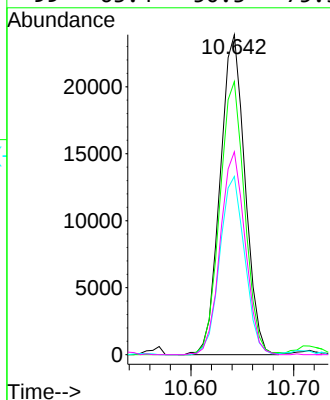
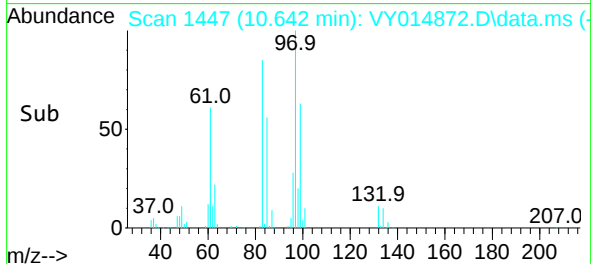
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



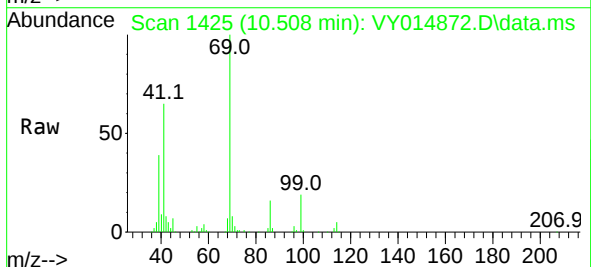
Tgt Ion: 97 Resp: 40168
Ion Ratio Lower Upper
97 100
83 85.3 72.0 108.0
85 55.7 45.4 68.0
99 63.4 50.3 75.5

Manual Integrations
APPROVED

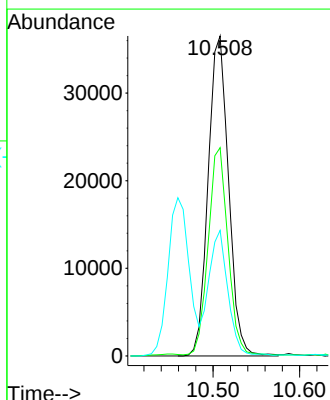
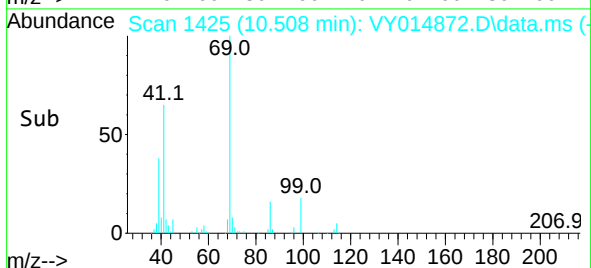
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

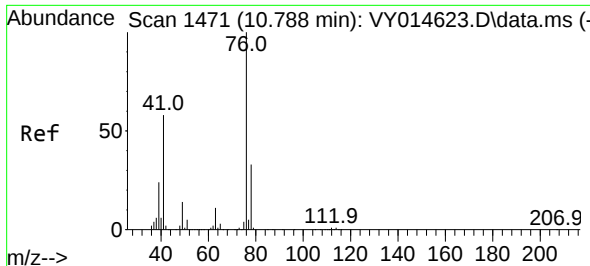


#56
Ethyl methacrylate
Concen: 18.551 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 69 Resp: 59813
Ion Ratio Lower Upper
69 100
41 62.9 57.6 86.4
39 36.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.606 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBSD01

Tgt Ion: 76 Resp: 6777

Ion Ratio Lower Upper

76 100

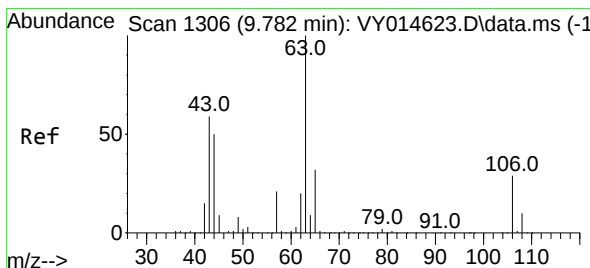
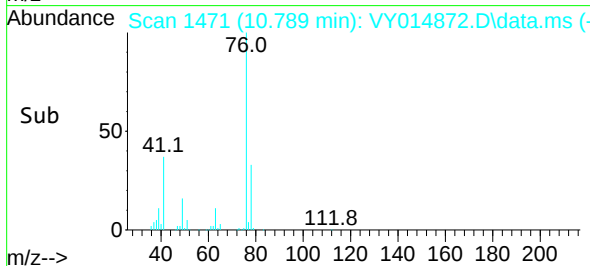
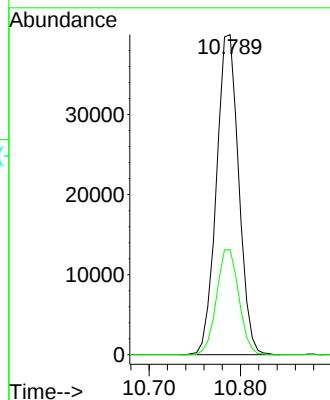
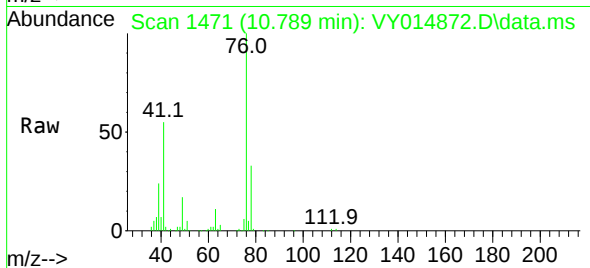
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.414 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014872.D

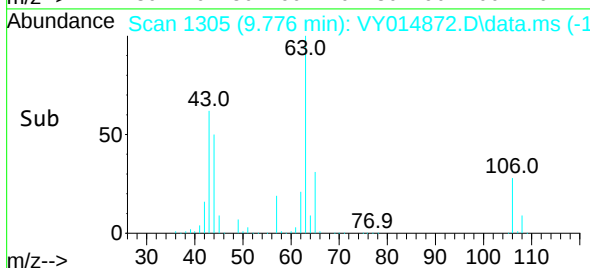
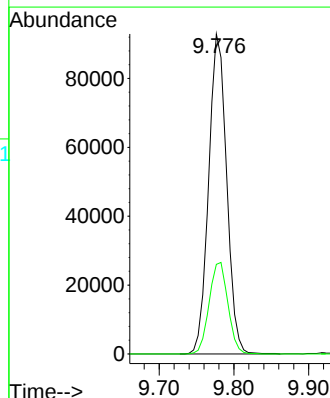
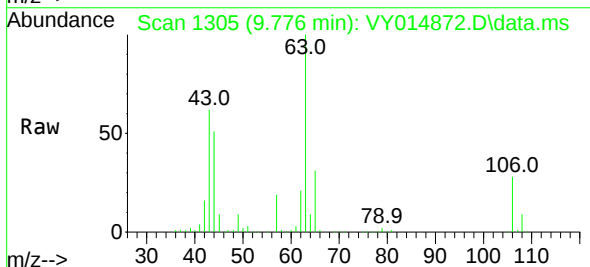
Acq: 27 Jul 2023 11:08

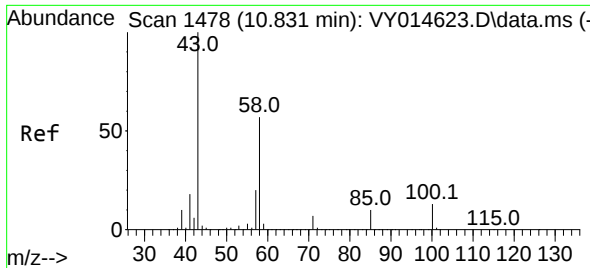
Tgt Ion: 63 Resp: 155363

Ion Ratio Lower Upper

63 100

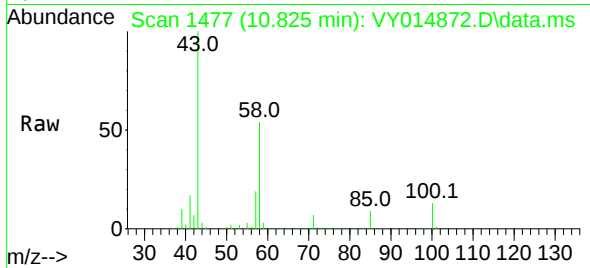
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 99.612 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

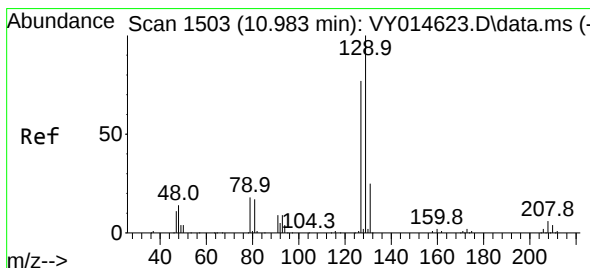
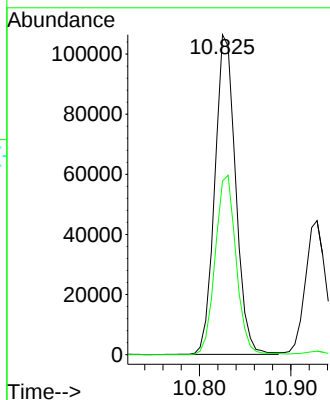
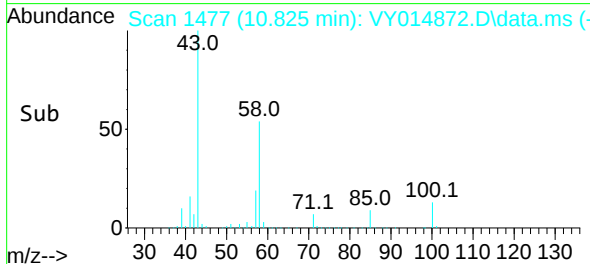
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 43 Resp: 168324
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3

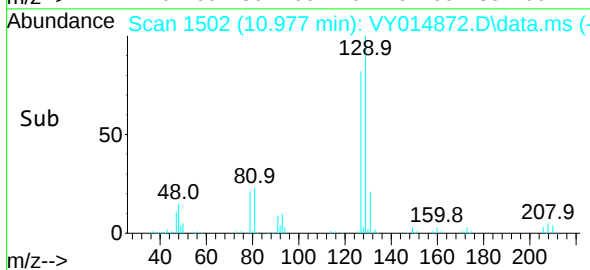
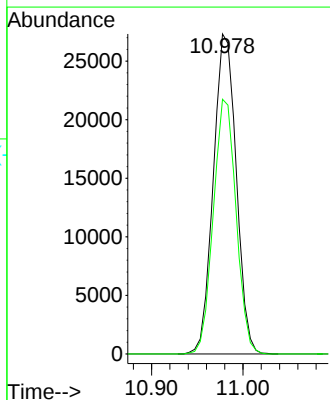
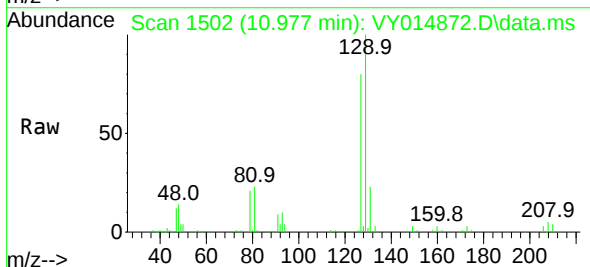
Manual Integrations
APPROVED

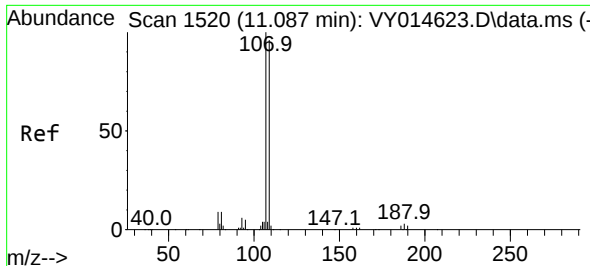
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 18.428 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

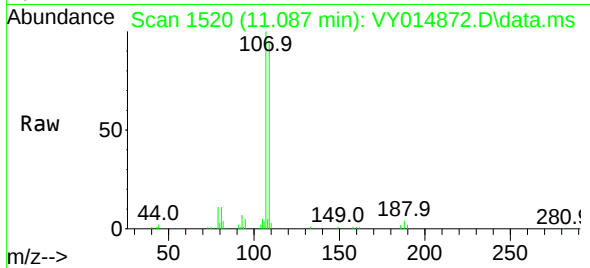
Tgt Ion:129 Resp: 47713
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.646 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

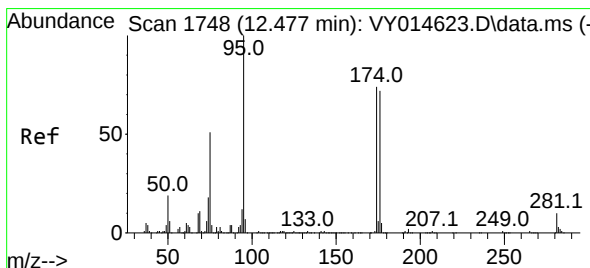
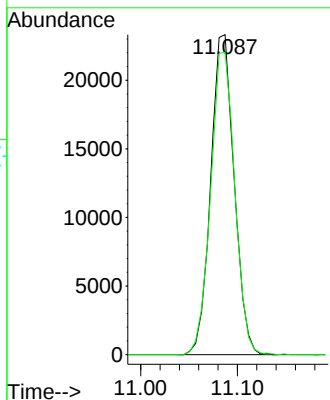
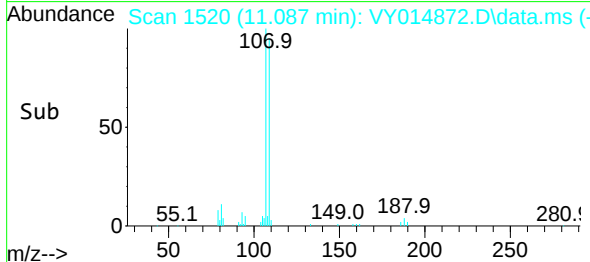
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



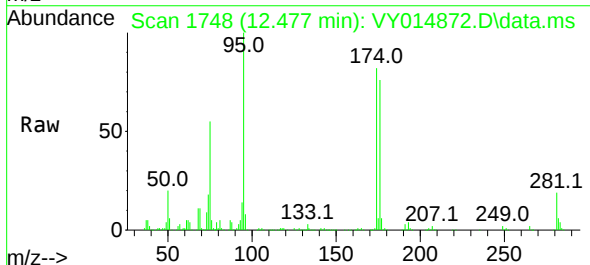
Tgt Ion:107 Resp: 3928
Ion Ratio Lower Upper
107 100
109 97.4 75.6 113.4

Manual Integrations
APPROVED

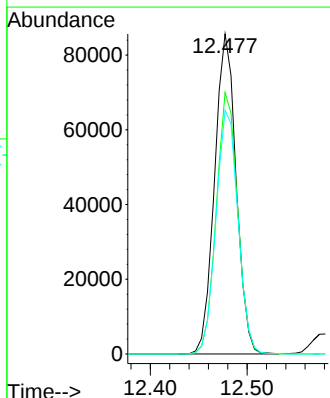
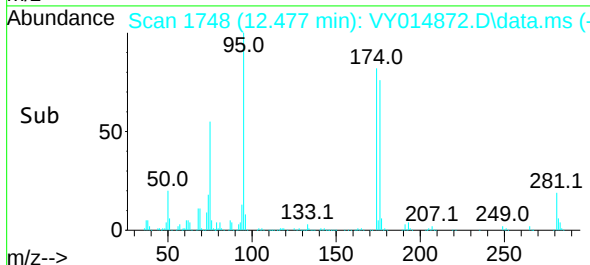
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

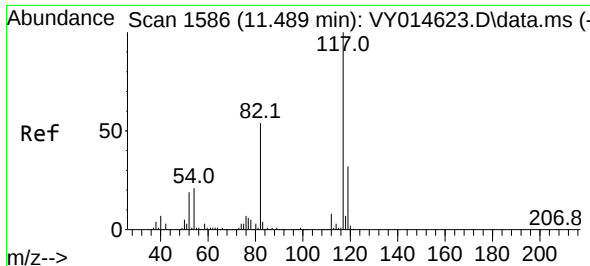


#62
4-Bromofluorobenzene
Concen: 41.578 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



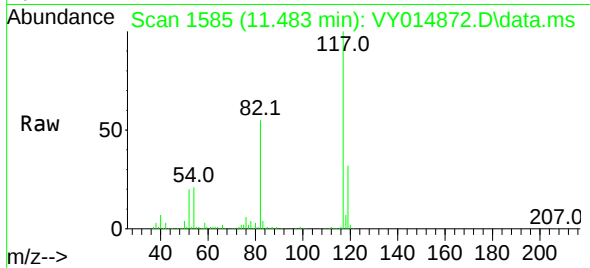
Tgt Ion: 95 Resp: 132254
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 77.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

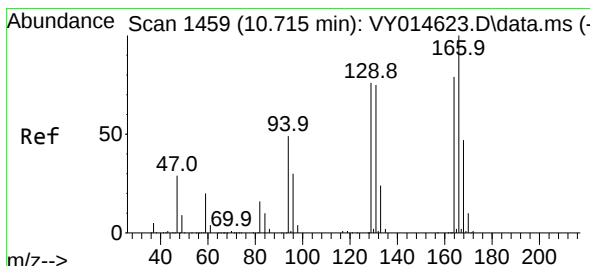
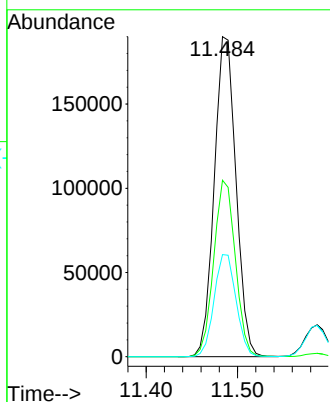
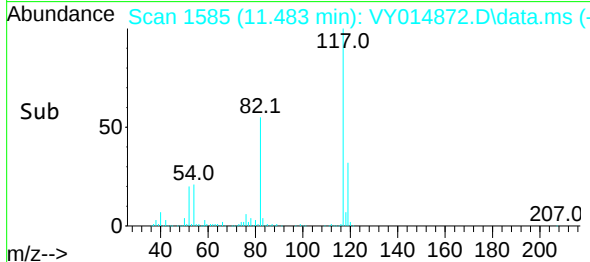
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion:117 Resp: 314200
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.9 26.3 39.5

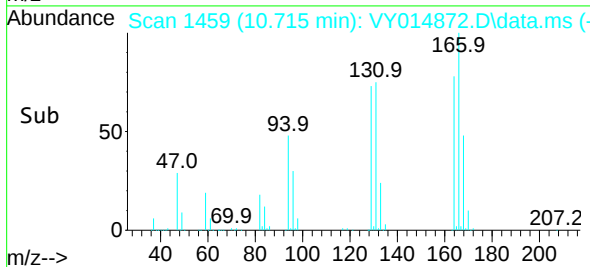
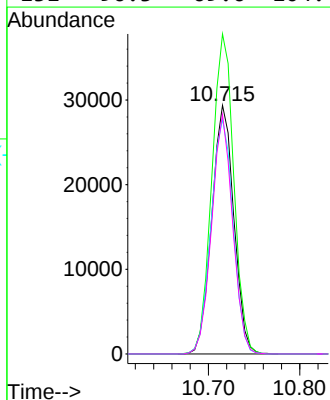
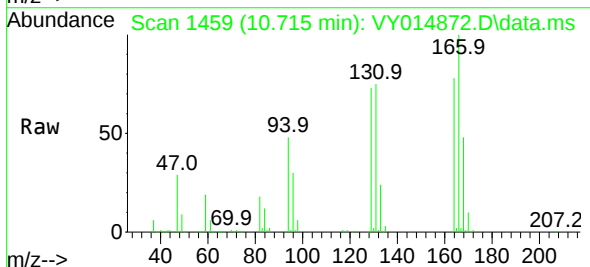
Manual Integrations
APPROVED

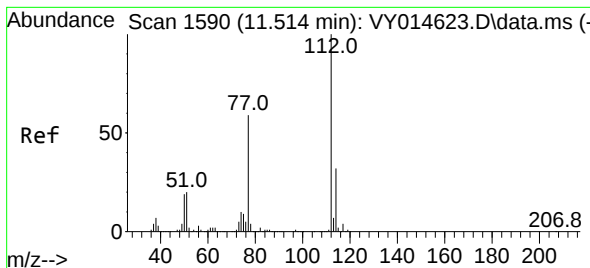
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#64
Tetrachloroethene
Concen: 19.544 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

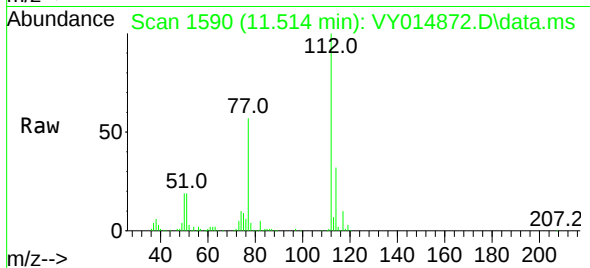
Tgt Ion:164 Resp: 49387
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 94.4 77.2 115.8
131 96.3 69.6 104.4





#65
Chlorobenzene
Concen: 18.272 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

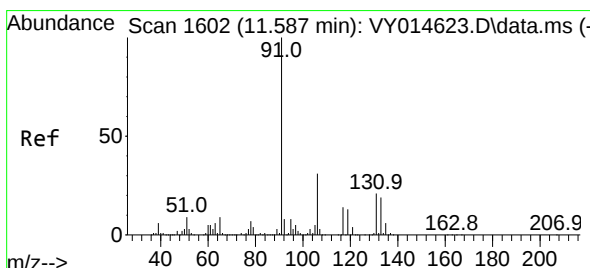
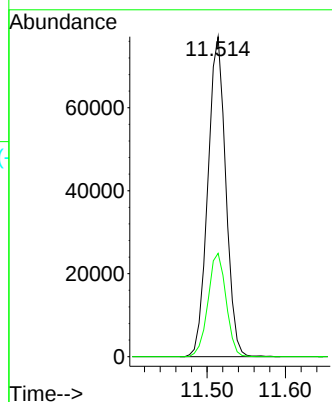
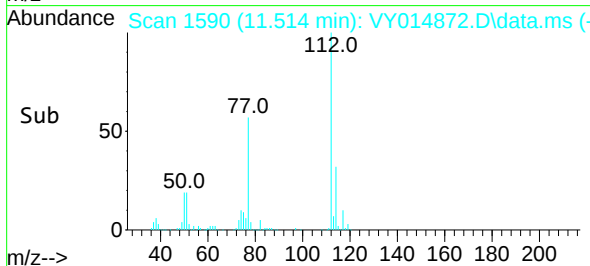
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



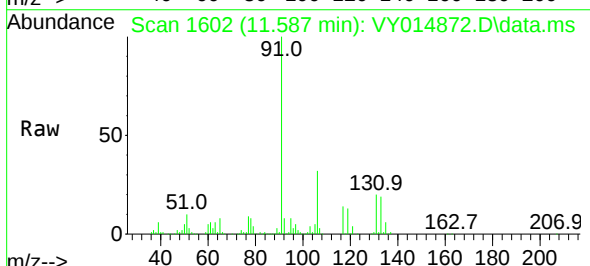
Tgt Ion:112 Resp: 12234
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3

Manual Integrations
APPROVED

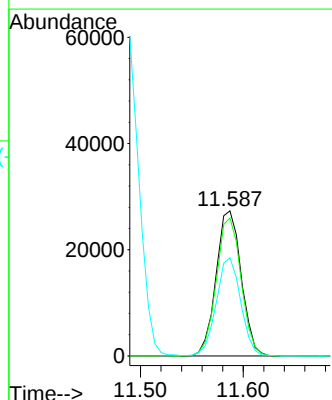
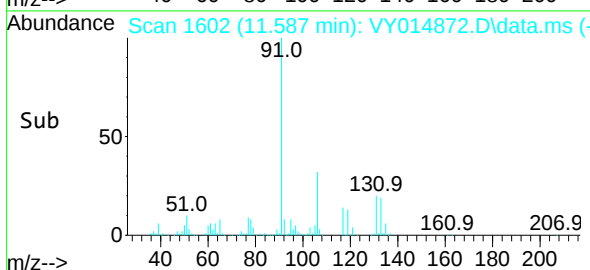
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

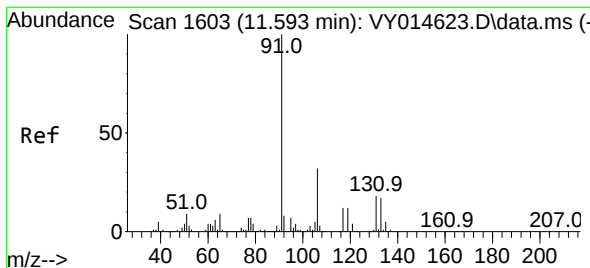


#66
1,1,1,2-Tetrachloroethane
Concen: 18.401 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion:131 Resp: 46454
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 17.887 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBS01

Tgt Ion: 91 Resp: 216229

Ion Ratio Lower Upper

91 100

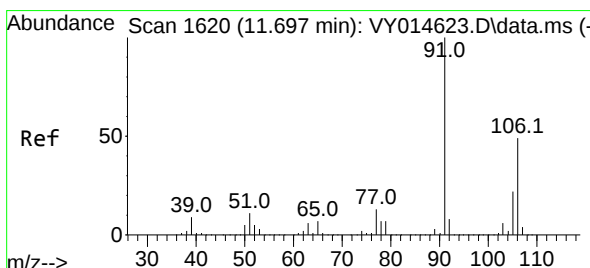
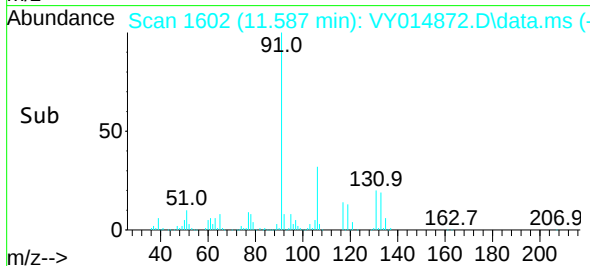
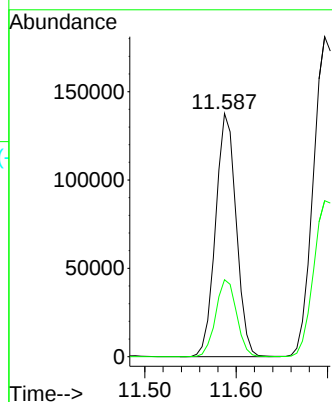
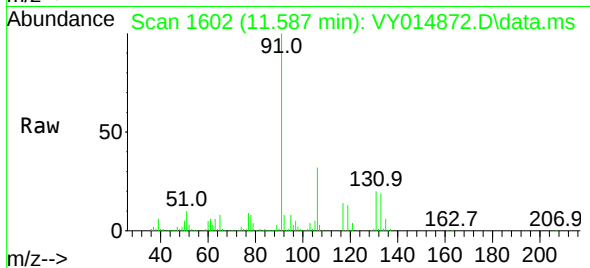
106 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#68

m/p-Xylenes

Concen: 36.044 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014872.D

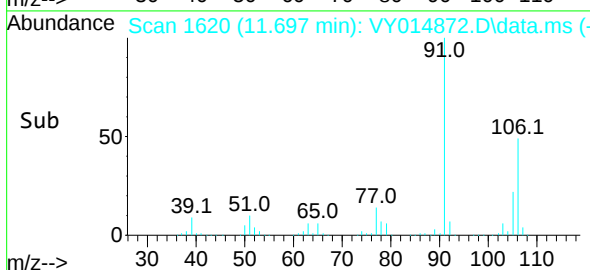
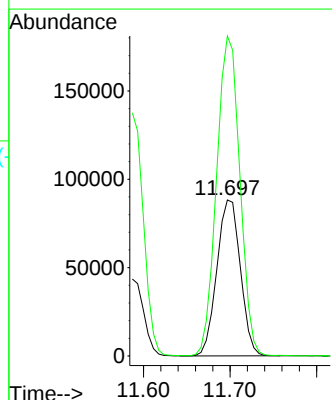
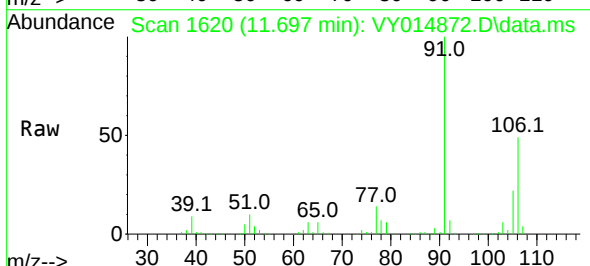
Acq: 27 Jul 2023 11:08

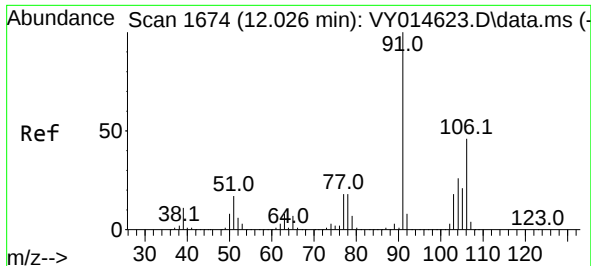
Tgt Ion:106 Resp: 166327

Ion Ratio Lower Upper

106 100

91 203.3 166.1 249.1





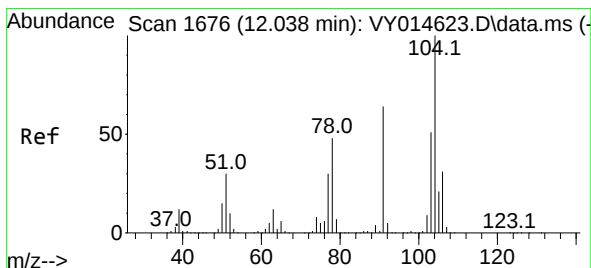
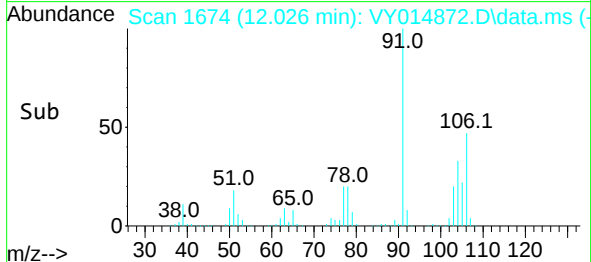
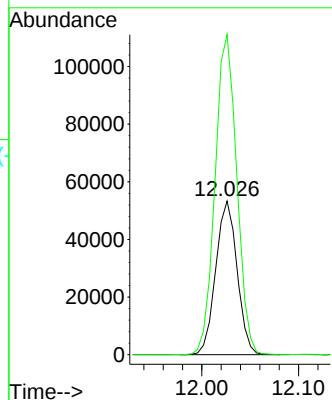
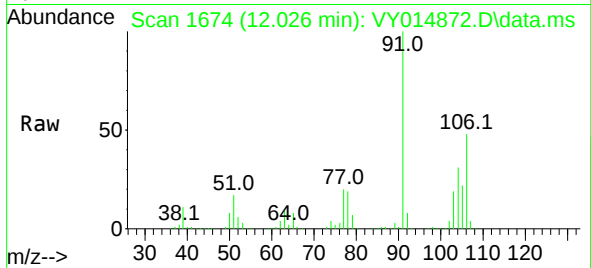
#69
o-Xylene
Concen: 18.192 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01

Tgt Ion:106 Resp: 8176
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3

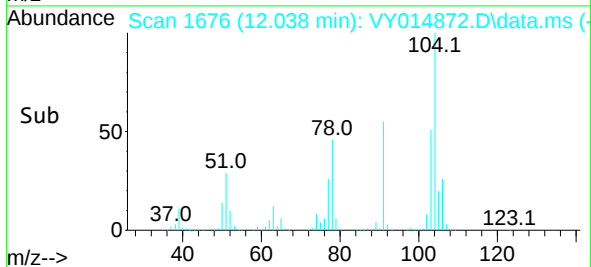
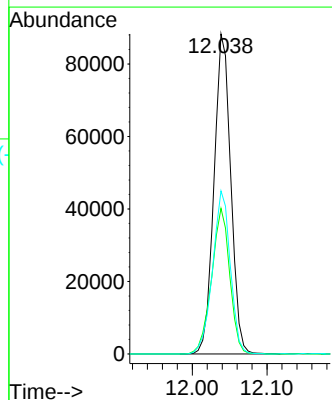
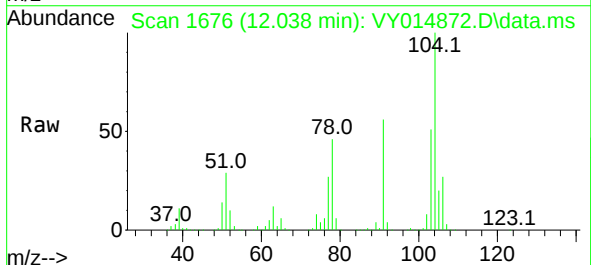
Manual Integrations
APPROVED

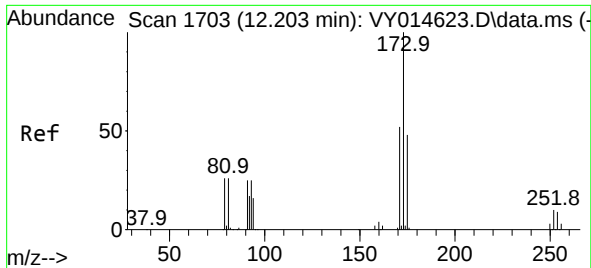
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#70
Styrene
Concen: 18.225 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

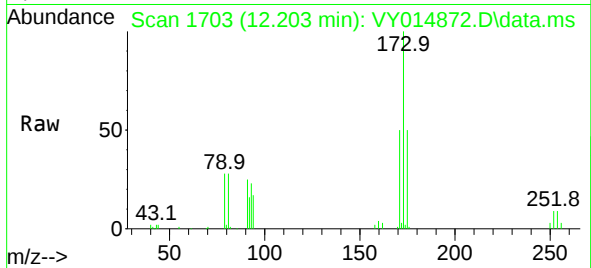
Tgt Ion:104 Resp: 138063
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 53.8 44.6 67.0





#71
Bromoform
Concen: 18.723 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

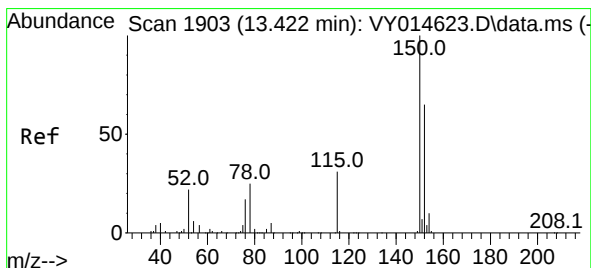
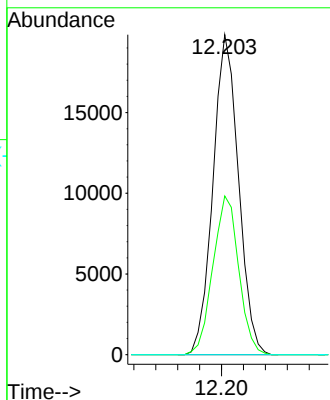
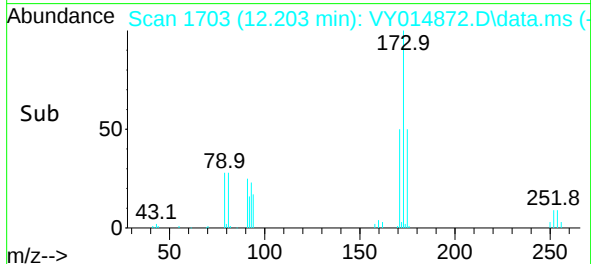
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



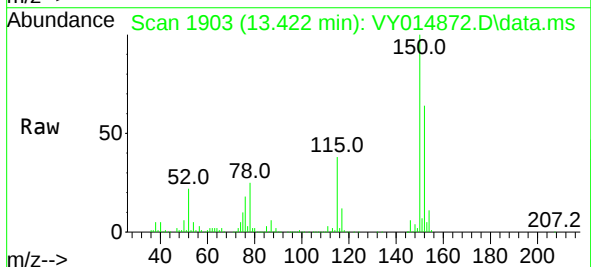
Tgt Ion:173 Resp: 32035
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

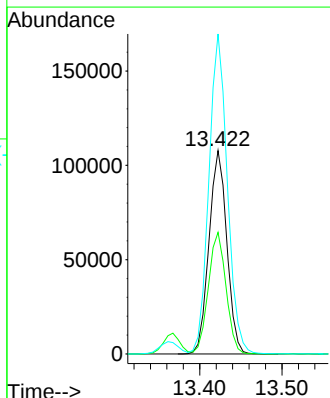
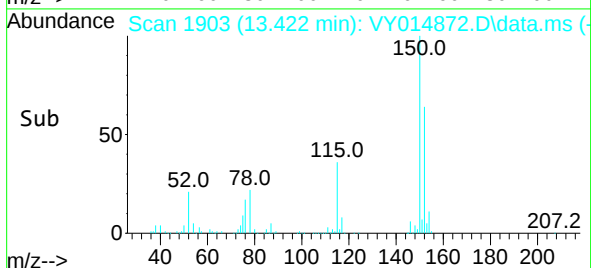
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

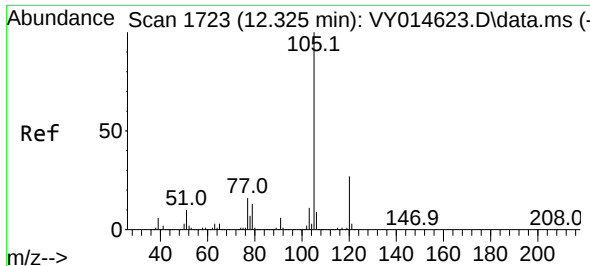


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



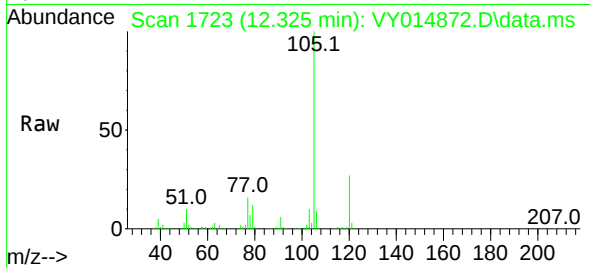
Tgt Ion:152 Resp: 162575
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 162.7 0.0 348.8





#73
Isopropylbenzene
Concen: 16.905 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

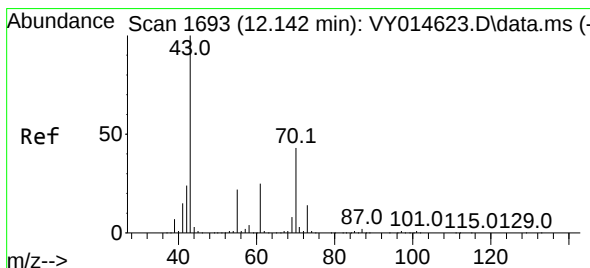
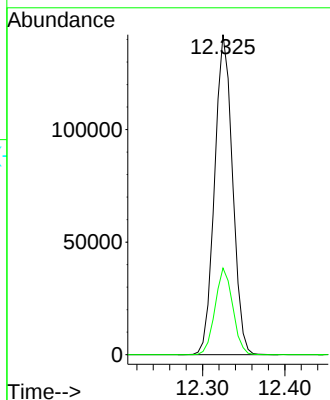
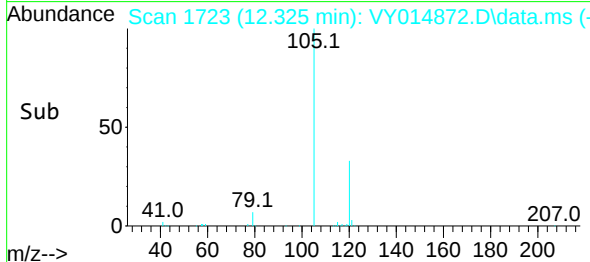
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



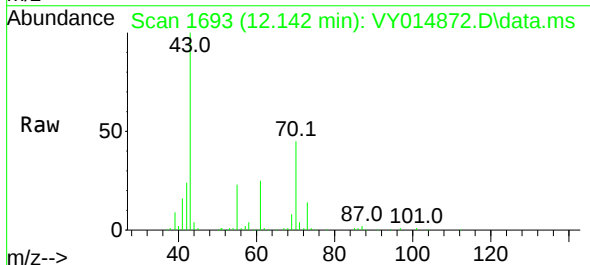
Tgt Ion:105 Resp: 21519
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

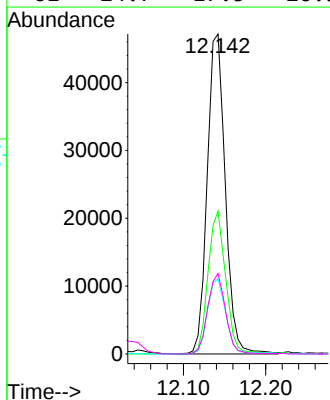
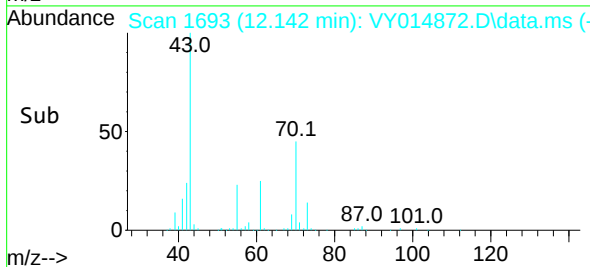
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

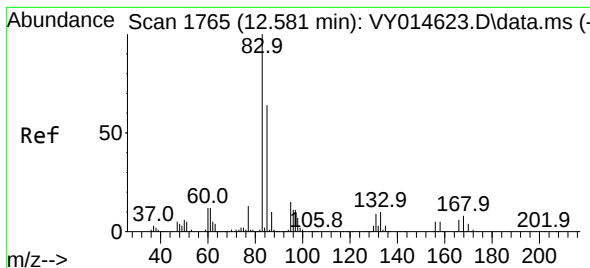


#74
N-ethyl acetate
Concen: 16.887 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



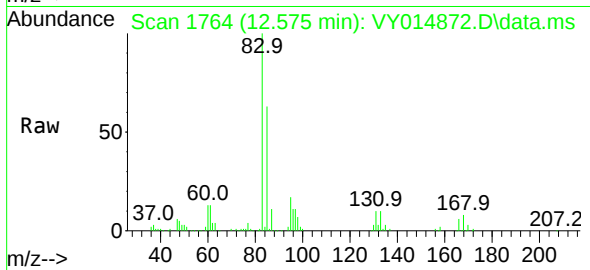
Tgt Ion: 43 Resp: 71998
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 23.8 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.902 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

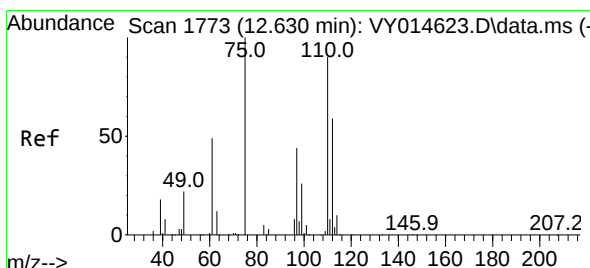
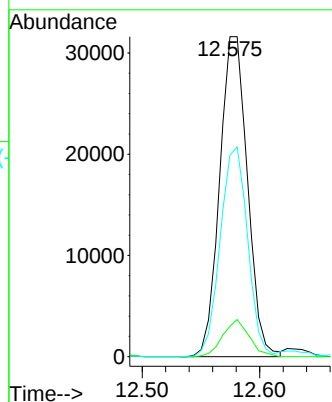
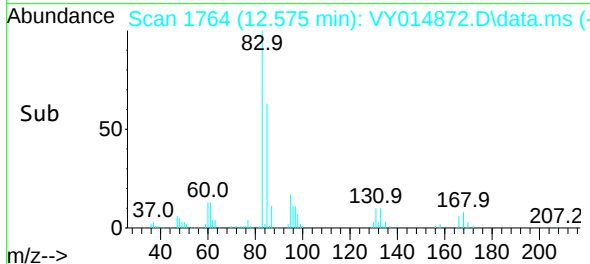
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



Tgt Ion: 83 Resp: 51968
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 64.5 31.8 95.4

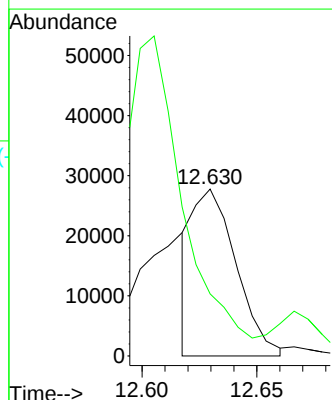
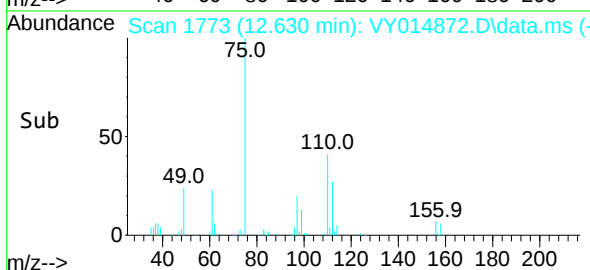
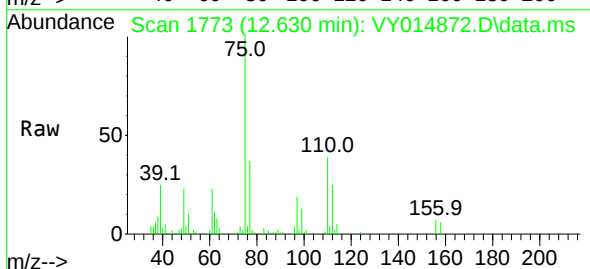
Manual Integrations
APPROVED

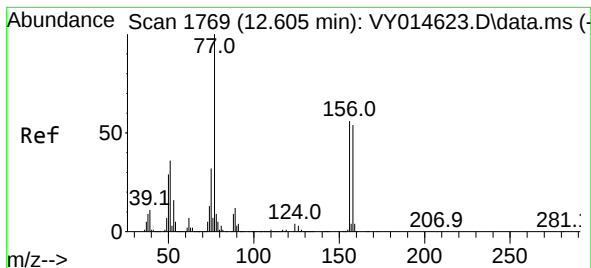
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#76
1,2,3-Trichloropropane
Concen: 17.873 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

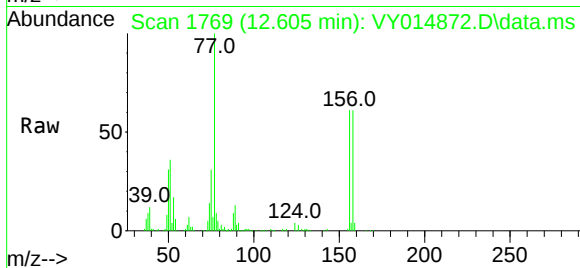
Tgt Ion: 75 Resp: 36698
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 17.705 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

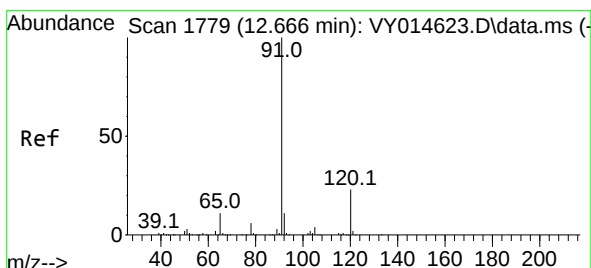
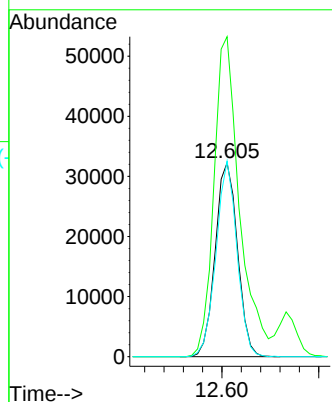
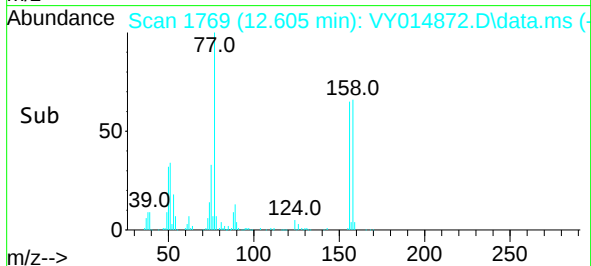
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



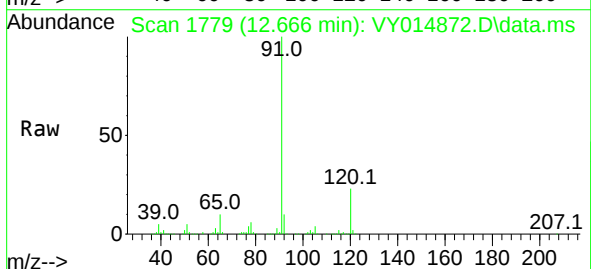
Tgt Ion:156 Resp: 51448
Ion Ratio Lower Upper
156 100
77 189.4 92.8 278.6
158 95.2 48.4 145.3

Manual Integrations
APPROVED

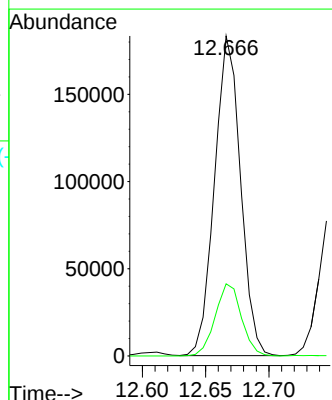
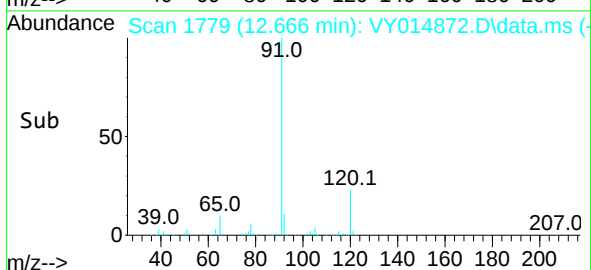
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

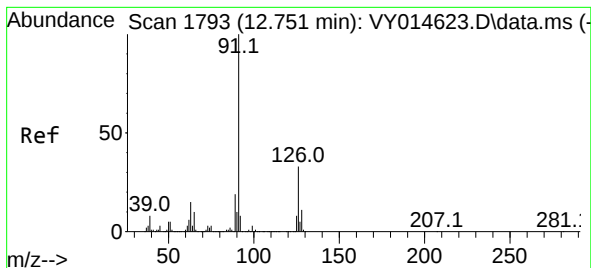


#78
n-propylbenzene
Concen: 17.049 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 91 Resp: 261517
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





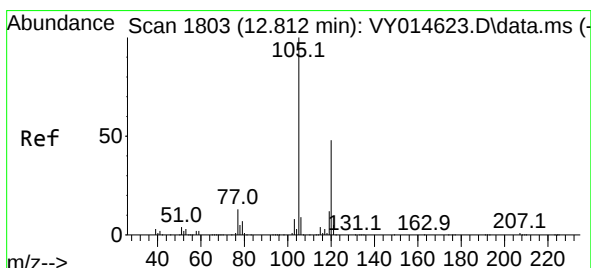
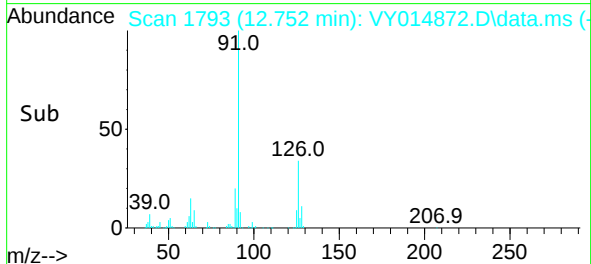
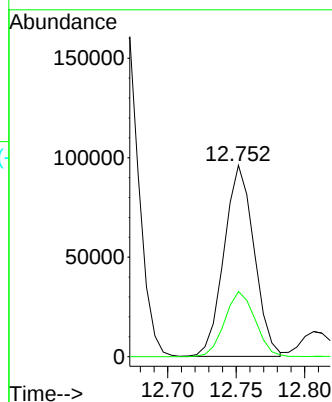
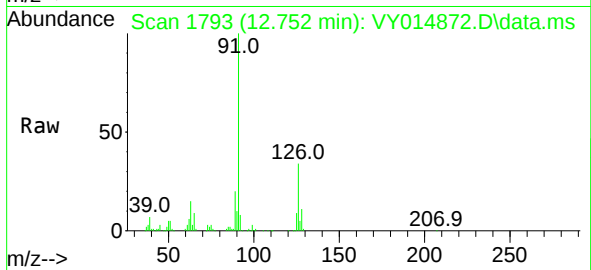
#79
2-Chlorotoluene
Concen: 16.632 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion: 91 Resp: 146940
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

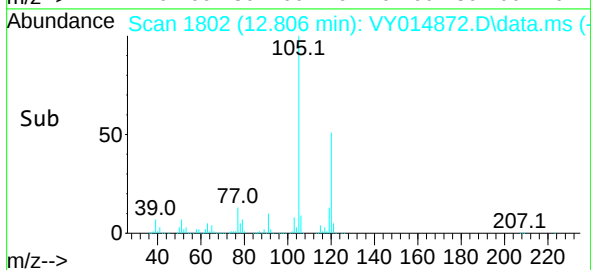
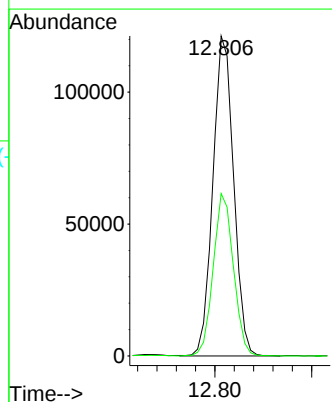
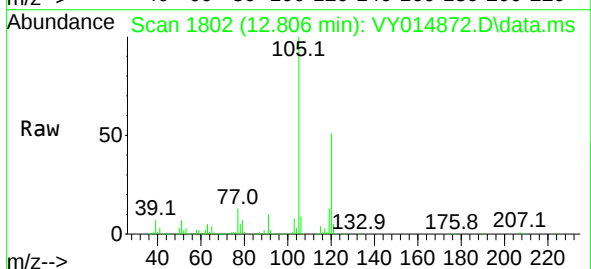
Manual Integrations
APPROVED

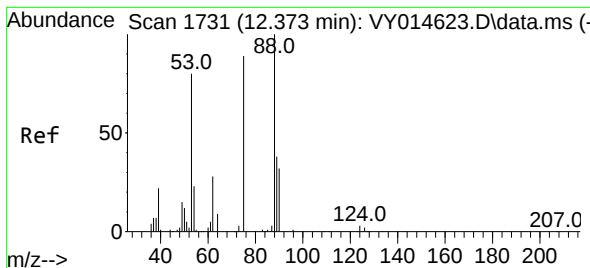
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.952 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

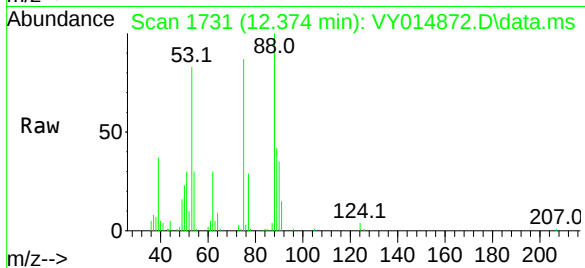
Tgt Ion:105 Resp: 180219
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.628 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

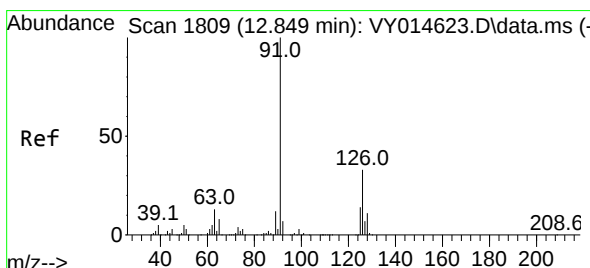
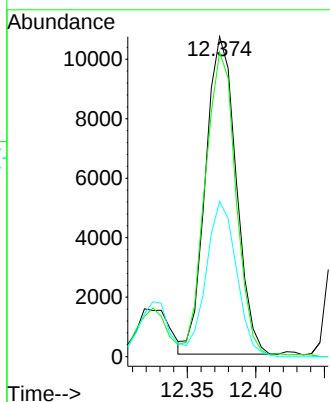
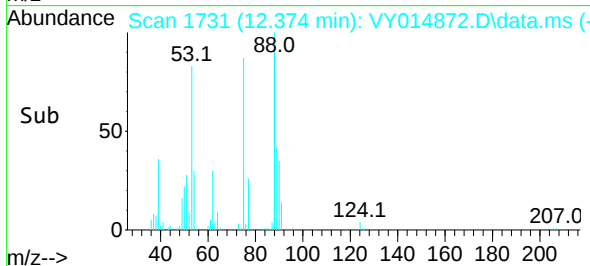
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



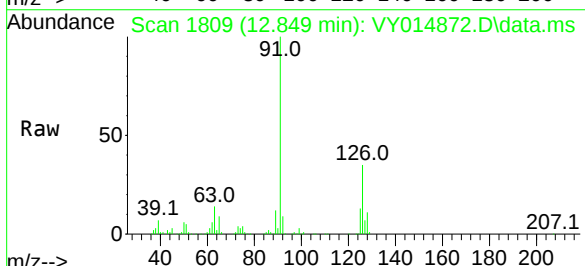
Tgt Ion: 75 Resp: 1657
Ion Ratio Lower Upper
75 100
53 97.3 77.8 116.8
89 48.1 37.4 56.0

Manual Integrations
APPROVED

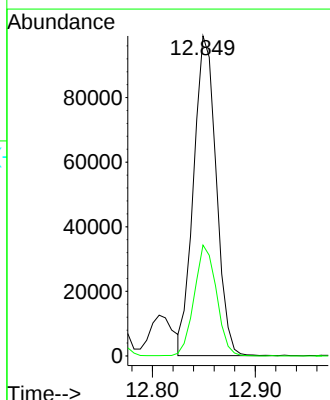
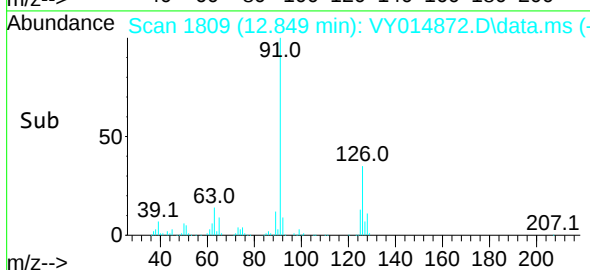
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

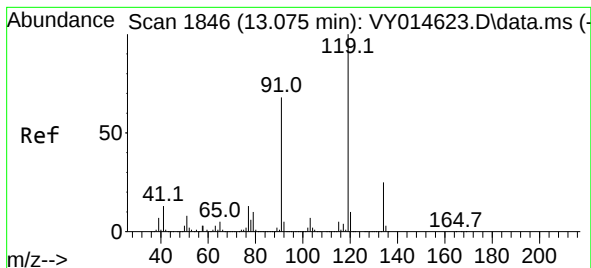


#82
4-Chlorotoluene
Concen: 16.586 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 91 Resp: 150921
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.276 ug/l

RT: 13.069 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBSD01

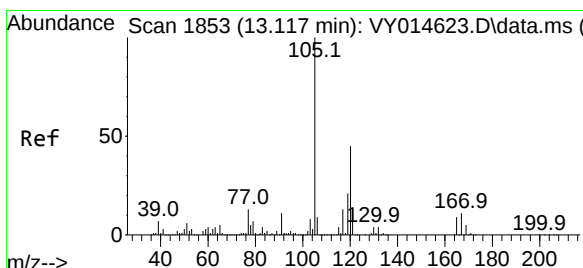
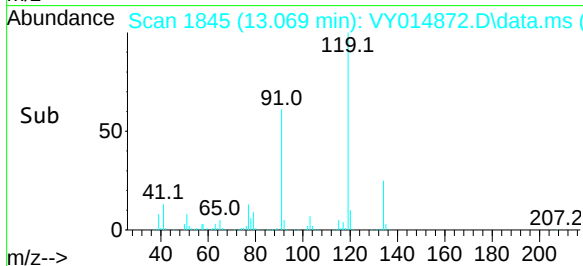
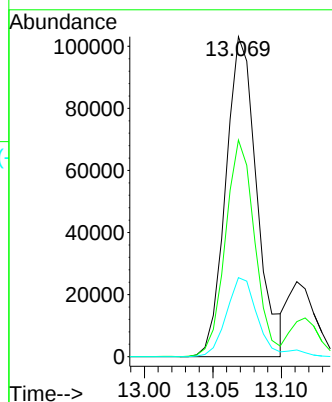
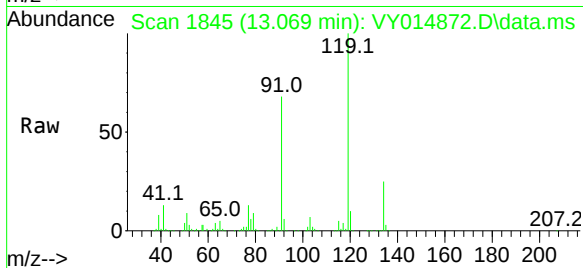
Tgt Ion:	119	Resp:	16292
Ion Ratio	Lower	Upper	
119	100		
91	63.9	32.9	98.6
134	25.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 17.194 ug/l

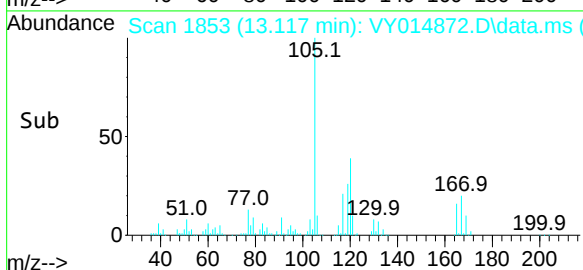
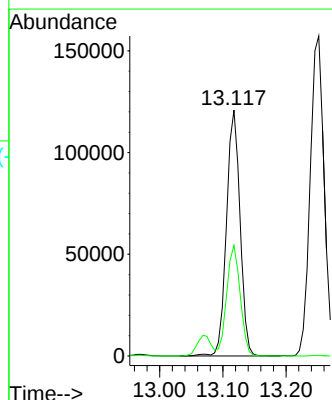
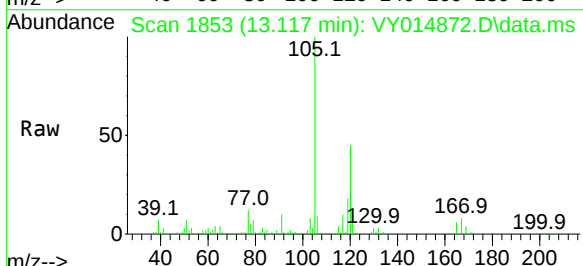
RT: 13.117 min Scan# 1853

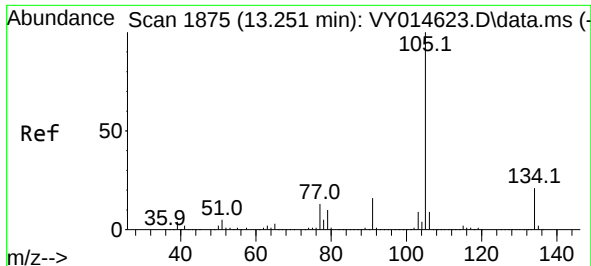
Delta R.T. 0.000 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

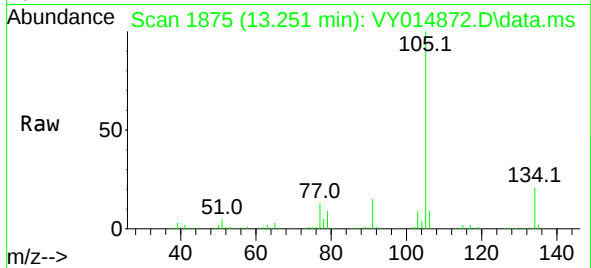
Tgt Ion:	105	Resp:	179390
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 17.233 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08

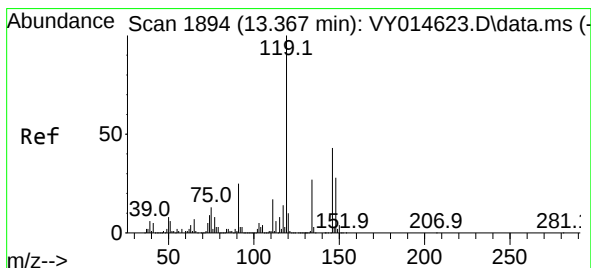
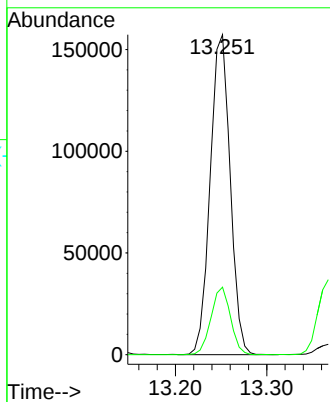
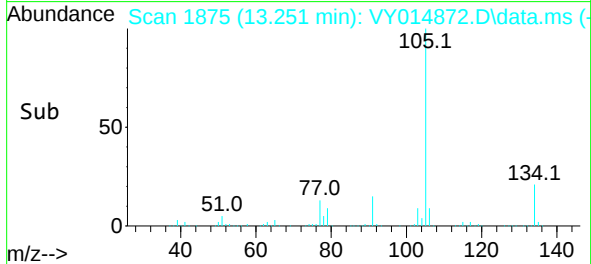
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBSD01



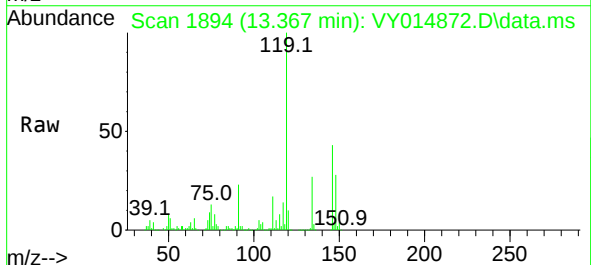
Tgt Ion:105 Resp: 23840
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

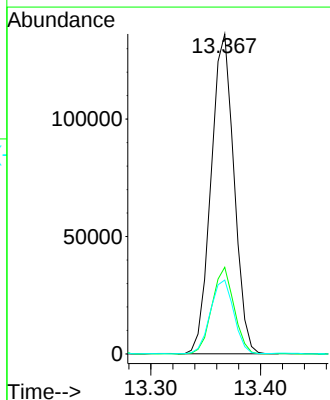
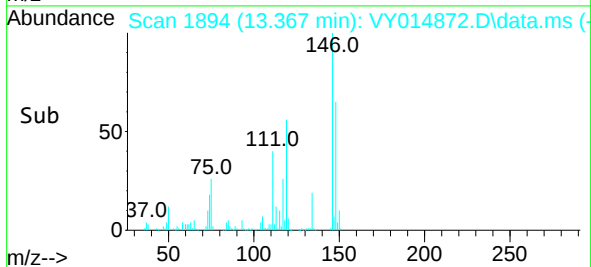
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

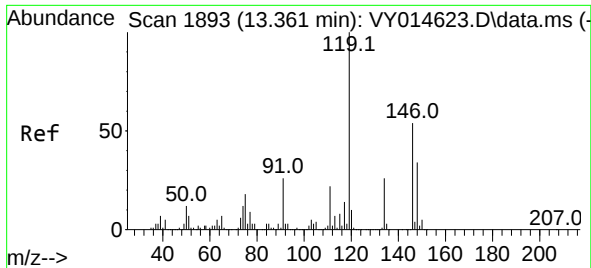


#86
 p-Isopropyltoluene
 Concen: 17.519 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08



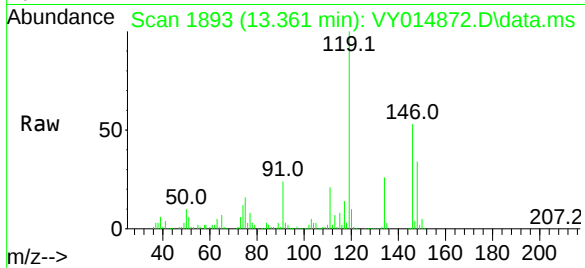
Tgt Ion:119 Resp: 197881
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.5 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 17.961 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08

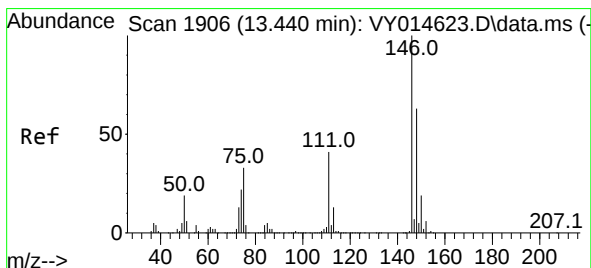
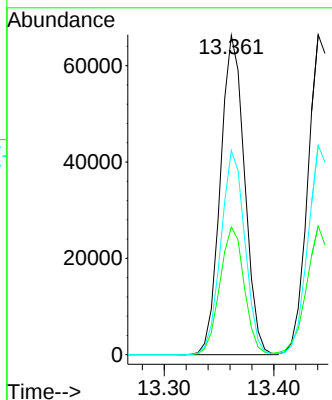
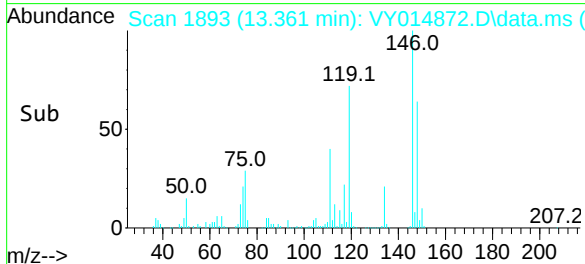
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBSD01



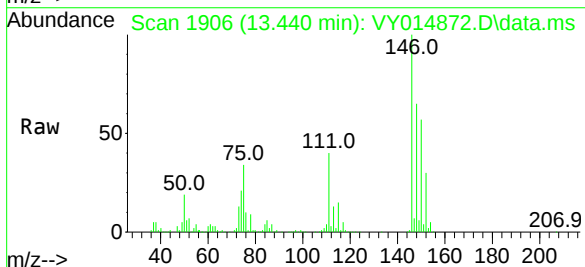
Tgt Ion:146 Resp: 101574
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.2
 148 63.5 31.9 95.5

Manual Integrations
 APPROVED

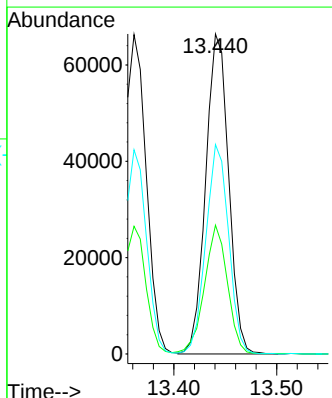
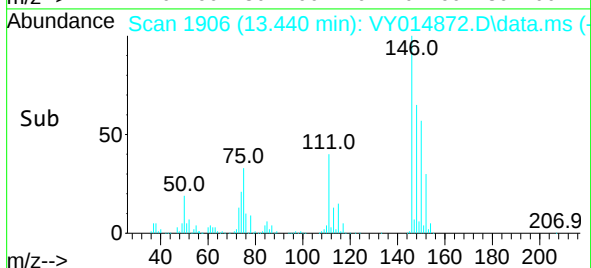
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

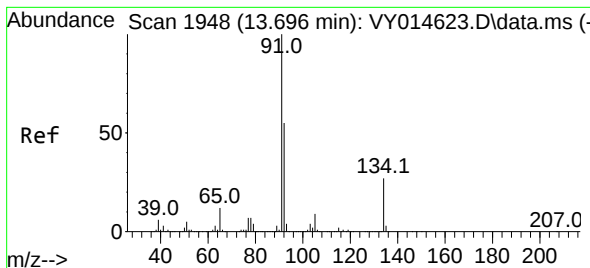


#88
 1,4-Dichlorobenzene
 Concen: 18.152 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014872.D
 Acq: 27 Jul 2023 11:08



Tgt Ion:146 Resp: 102869
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.7
 148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 16.999 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBSD01

Tgt Ion: 91 Resp: 186800

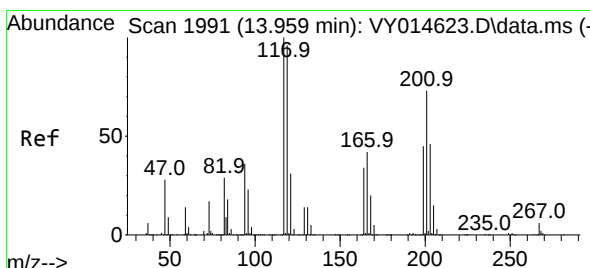
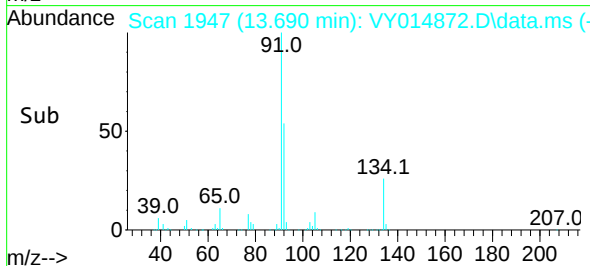
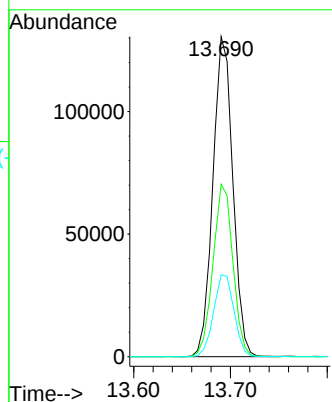
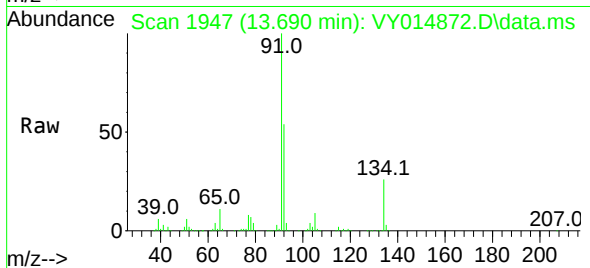
Ion	Ratio	Lower	Upper
91	100		
92	53.8	25.4	76.0
134	26.2	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#90

Hexachloroethane

Concen: 16.115 ug/l

RT: 13.959 min Scan# 1991

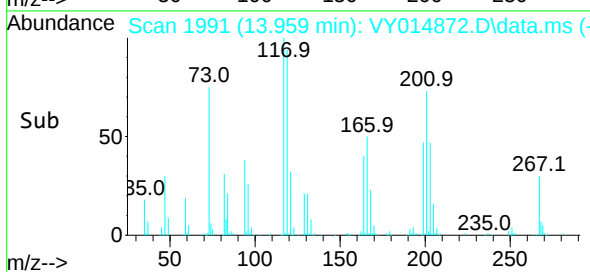
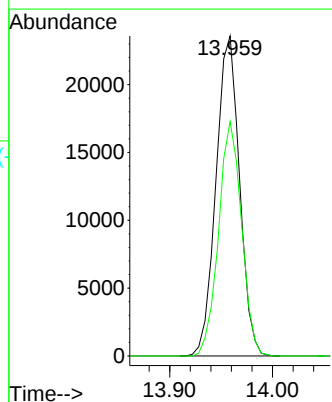
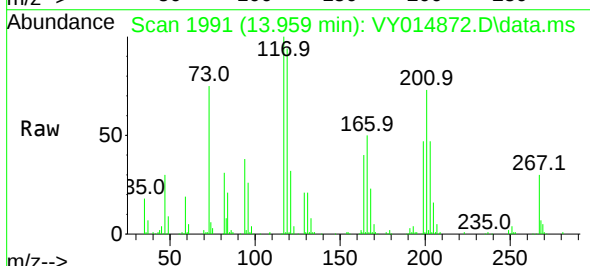
Delta R.T. -0.000 min

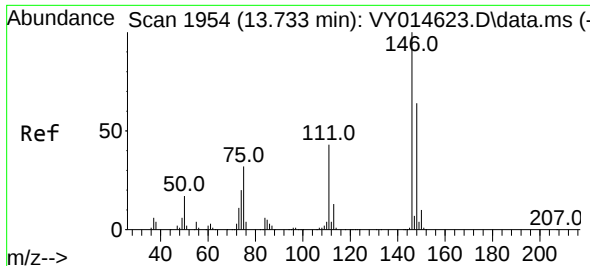
Lab File: VY014872.D

Acq: 27 Jul 2023 11:08

Tgt Ion:117 Resp: 37386

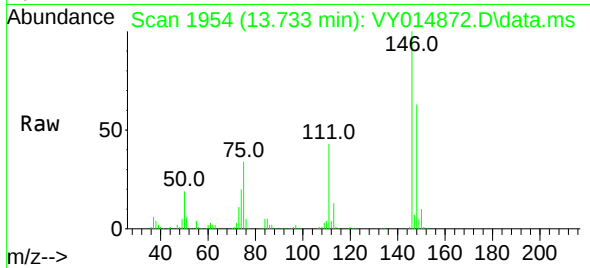
Ion	Ratio	Lower	Upper
117	100		
201	71.6	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 17.931 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

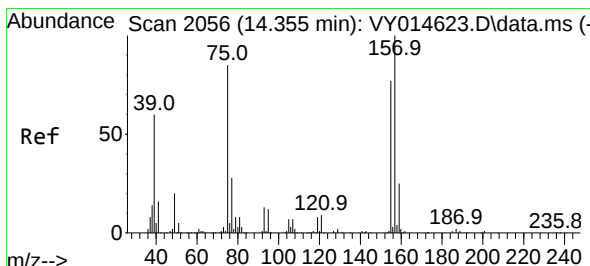
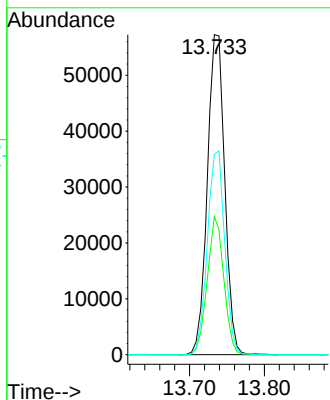
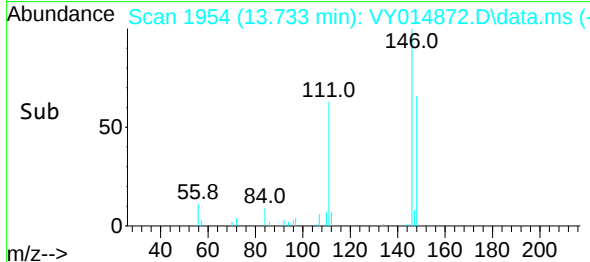
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01



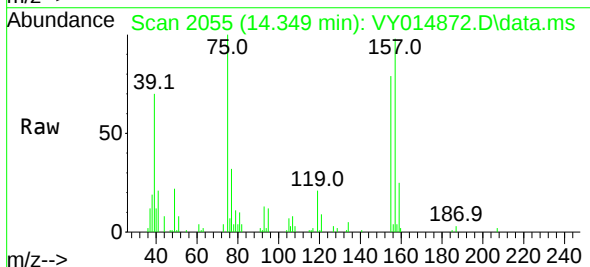
Tgt Ion:146 Resp: 9290
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.6 32.0 96.2

Manual Integrations
APPROVED

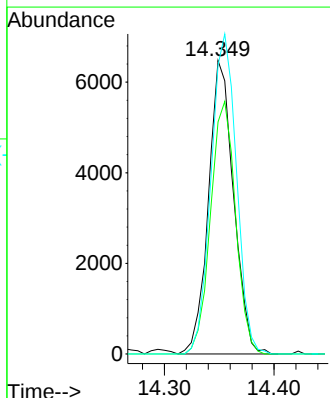
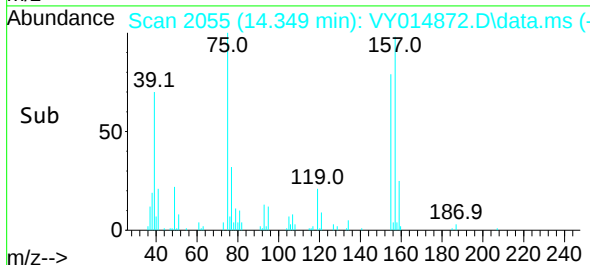
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

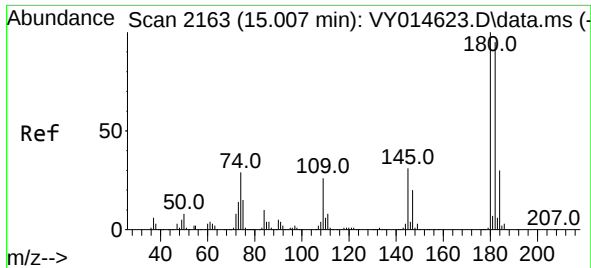


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.598 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion: 75 Resp: 10325
Ion Ratio Lower Upper
75 100
155 85.4 41.5 124.6
157 110.4 51.8 155.5





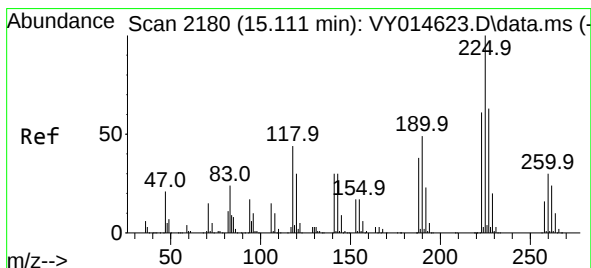
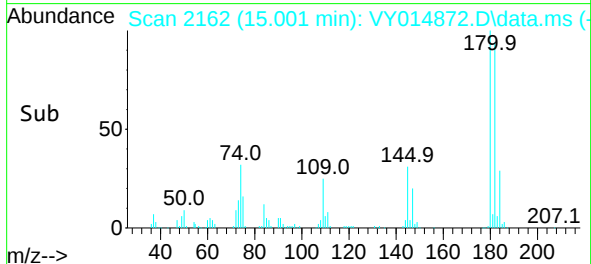
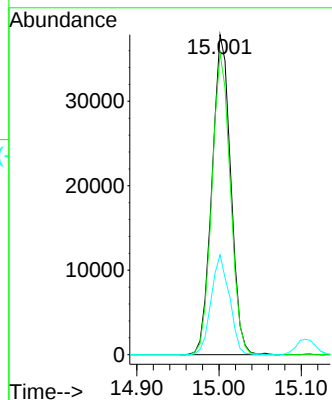
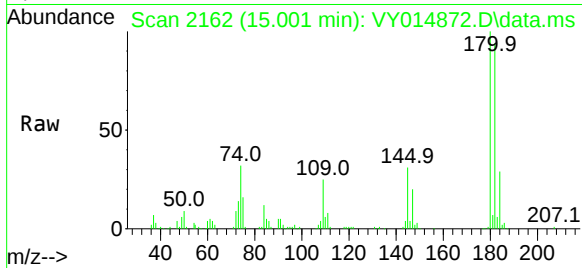
#93
1,2,4-Trichlorobenzene
Concen: 18.216 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01

Tgt Ion:180 Resp: 5991
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.2
145 30.4 14.5 43.5

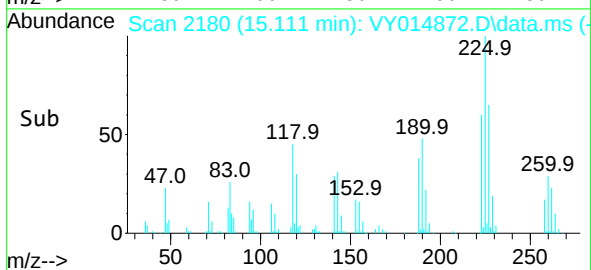
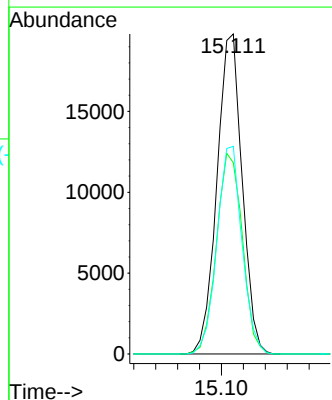
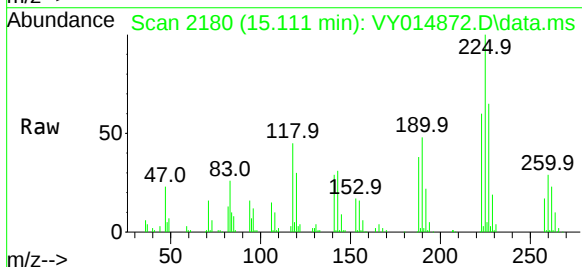
Manual Integrations
APPROVED

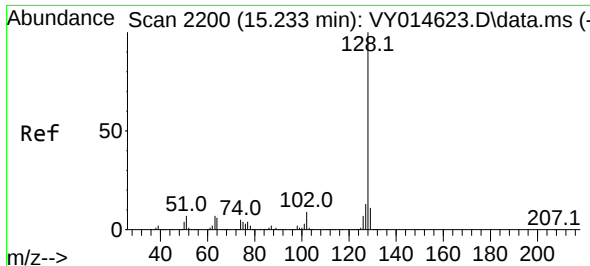
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#94
Hexachlorobutadiene
Concen: 17.492 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

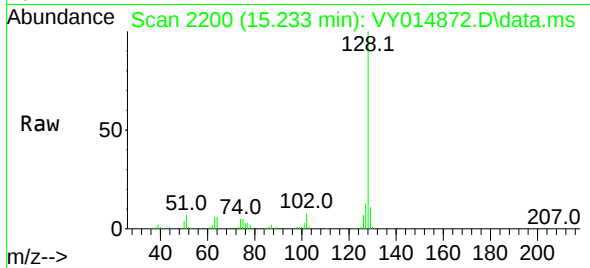
Tgt Ion:225 Resp: 31616
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.9
227 64.5 33.0 98.9





#95
Naphthalene
Concen: 18.696 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08

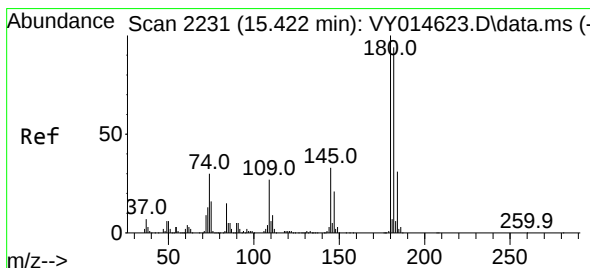
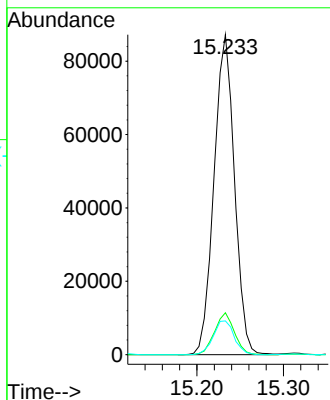
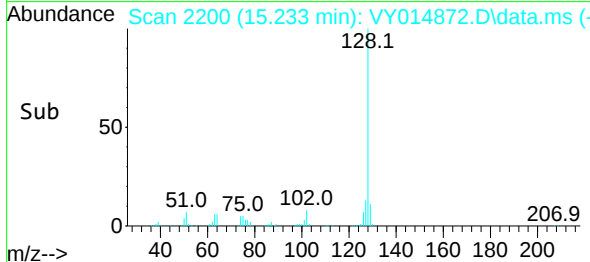
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBS01



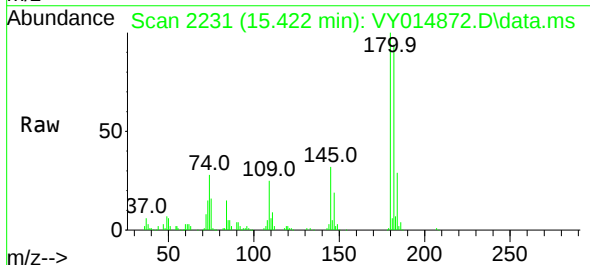
Tgt Ion:128 Resp: 143260
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014872.D
Acq: 27 Jul 2023 11:08



Tgt Ion:180 Resp: 53884
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 33.0 15.4 46.2

