

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014205.D
 Acq On : 16 Jun 2023 15:59
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 23:21:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122913	45.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.200%			
35) Dibromofluoromethane	7.716	113	108069	52.095	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.180%			
50) Toluene-d8	10.179	98	373380	48.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.280%			
62) 4-Bromofluorobenzene	12.483	95	144605	52.488	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45882	21.035	ug/l	98
3) Chloromethane	2.113	50	51419	18.591	ug/l	98
4) Vinyl Chloride	2.247	62	51792	19.261	ug/l	94
5) Bromomethane	2.637	94	41227	18.582	ug/l	94
6) Chloroethane	2.784	64	33837	18.519	ug/l	91
7) Trichlorofluoromethane	3.119	101	87637	20.061	ug/l	97
8) Diethyl Ether	3.527	74	26900	18.442	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	41757	18.940	ug/l	95
10) Methyl Iodide	4.088	142	48469	16.649	ug/l	98
11) Tert butyl alcohol	4.954	59	40816	118.594	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	41264	18.466	ug/l	92
13) Acrolein	3.729	56	15151	96.381	ug/l	100
14) Allyl chloride	4.472	41	73434	18.129	ug/l	96
15) Acrylonitrile	5.161	53	67898	90.244	ug/l	99
16) Acetone	3.948	43	66521	80.973	ug/l	96
17) Carbon Disulfide	4.192	76	120496	16.640	ug/l	95
18) Methyl Acetate	4.478	43	55904	17.532	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	122508	18.588	ug/l	99
20) Methylene Chloride	4.710	84	83695	30.514	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	48248	19.358	ug/l	93
22) Diisopropyl ether	6.118	45	154375	19.905	ug/l	97
23) Vinyl Acetate	6.057	43	416134	90.939	ug/l	99
24) 1,1-Dichloroethane	6.015	63	92229	20.625	ug/l	99
25) 2-Butanone	6.984	43	92376	91.348	ug/l	100
26) 2,2-Dichloropropane	6.978	77	85019	20.243	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	55775	20.004	ug/l	99
28) Bromochloromethane	7.338	49	36489	20.066	ug/l	98
29) Tetrahydrofuran	7.350	42	58420	91.104	ug/l	99
30) Chloroform	7.508	83	97955	20.648	ug/l	99
31) Cyclohexane	7.783	56	67461	18.478	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	87258	20.394	ug/l	99
36) 1,1-Dichloropropene	7.911	75	66655	20.610	ug/l	98
37) Ethyl Acetate	7.076	43	39130	17.535	ug/l	98
38) Carbon Tetrachloride	7.899	117	79286	21.244	ug/l	98
39) Methylcyclohexane	9.185	83	67953	18.937	ug/l	99
40) Benzene	8.161	78	200315	20.829	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20375m	17.891	ug/l	
42) 1,2-Dichloroethane	8.240	62	68877	20.253	ug/l	99
43) Isopropyl Acetate	8.270	43	73491	18.790	ug/l #	90
44) Trichloroethene	8.941	130	53260	20.728	ug/l	99
45) 1,2-Dichloropropane	9.215	63	51194	20.958	ug/l	99
46) Dibromomethane	9.307	93	30064	19.994	ug/l	96
47) Bromodichloromethane	9.496	83	72718	20.655	ug/l	98
48) Methyl methacrylate	9.295	41	32801	17.981	ug/l	96
49) 1,4-Dioxane	9.301	88	7452	390.038	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	201438	94.801	ug/l	100
52) Toluene	10.246	92	124143	20.824	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	74629	20.136	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	81747	20.216	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	40567	20.341	ug/l	99
56) Ethyl methacrylate	10.508	69	51510	18.725	ug/l	99
57) 1,3-Dichloropropane	10.788	76	68690	20.138	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	66908	76.820	ug/l	99
59) 2-Hexanone	10.831	43	141406	92.140	ug/l	100
60) Dibromochloromethane	10.983	129	53070	20.791	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38864	19.745	ug/l	97
64) Tetrachloroethene	10.721	164	48189	20.197	ug/l	98
65) Chlorobenzene	11.514	112	137501	20.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	55077	20.819	ug/l	99
67) Ethyl Benzene	11.593	91	244552	20.772	ug/l	99
68) m/p-Xylenes	11.703	106	190073	41.973	ug/l	99
69) o-Xylene	12.026	106	89928	21.004	ug/l	98
70) Styrene	12.044	104	154019	21.078	ug/l	99
71) Bromoform	12.209	173	35603	19.651	ug/l #	99
73) Isopropylbenzene	12.331	105	235720	19.857	ug/l	100
74) N-amyl acetate	12.142	43	67506	17.945	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	49596	18.697	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	29953m	14.671	ug/l	
77) Bromobenzene	12.605	156	60638	19.435	ug/l	96
78) n-propylbenzene	12.672	91	291032	20.072	ug/l	99
79) 2-Chlorotoluene	12.757	91	168374	20.182	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	205782	20.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17270	18.285	ug/l	99
82) 4-Chlorotoluene	12.855	91	180655	20.434	ug/l	99
83) tert-Butylbenzene	13.074	119	169068	19.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	203400	20.215	ug/l	99
85) sec-Butylbenzene	13.251	105	255235	20.324	ug/l	100
86) p-Isopropyltoluene	13.367	119	212826	19.802	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120033	20.149	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119431	19.898	ug/l	99
89) n-Butylbenzene	13.696	91	200396	20.103	ug/l	99
90) Hexachloroethane	13.958	117	44205	20.641	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	107837	20.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8888	17.596	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	66602	19.650	ug/l	99
94) Hexachlorobutadiene	15.111	225	40177	20.532	ug/l	98
95) Naphthalene	15.233	128	121382	17.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58215	19.008	ug/l	99

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MSVOA_Y
ClientSampleId :
VY0616SBSD01

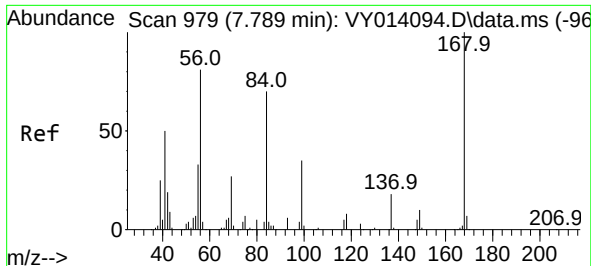
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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



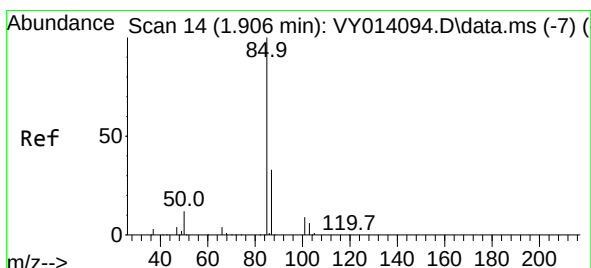
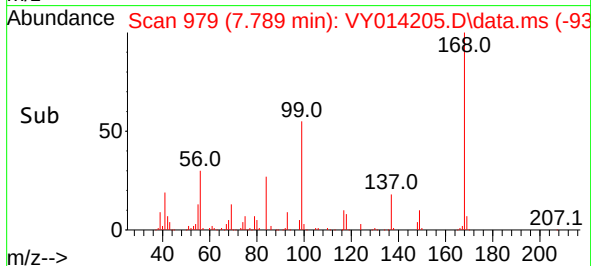
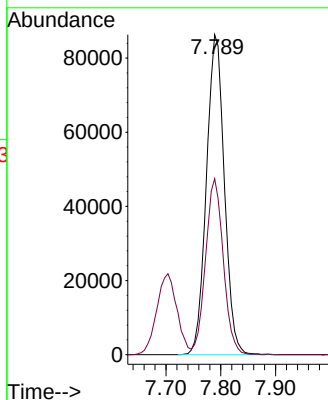
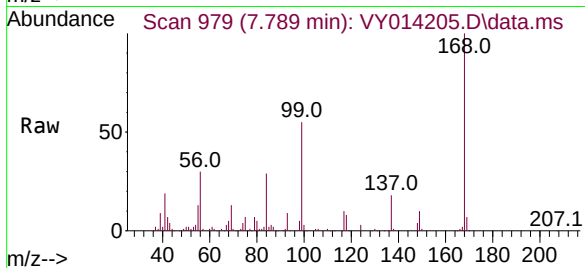
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014205.D
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MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 19571
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0

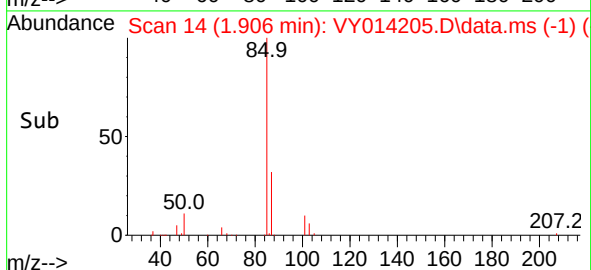
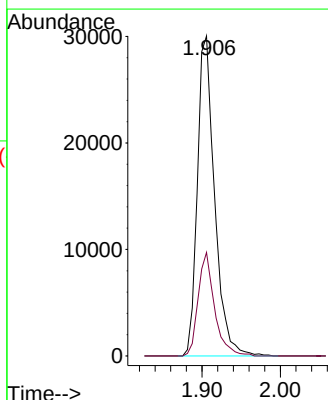
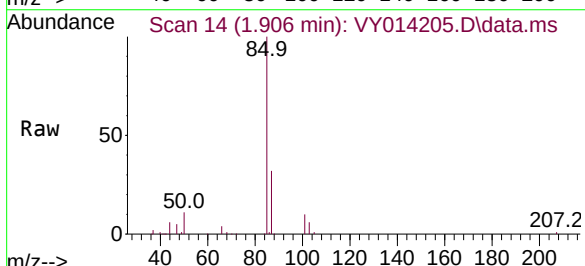
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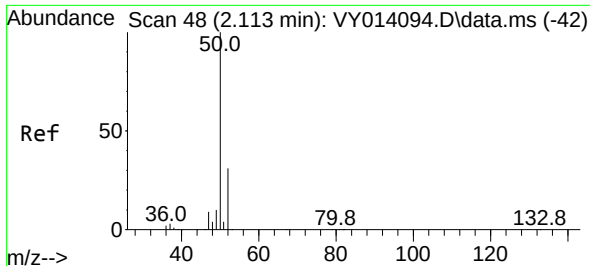
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 21.035 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

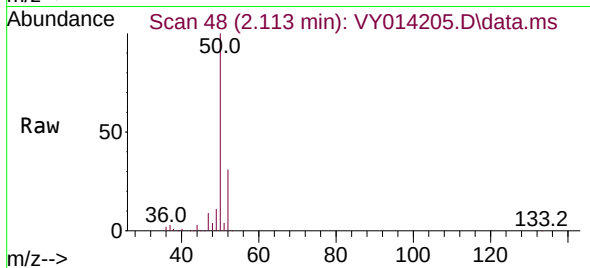
Tgt Ion: 85 Resp: 45882
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 18.591 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

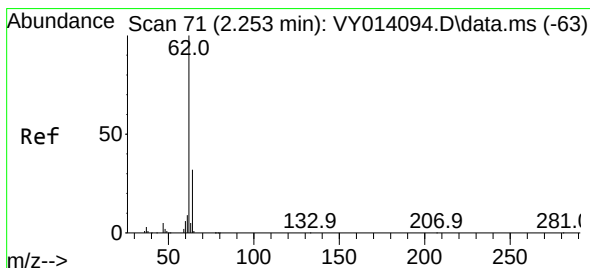
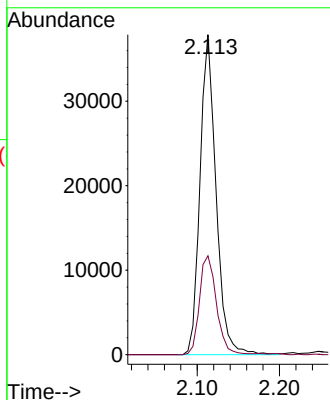
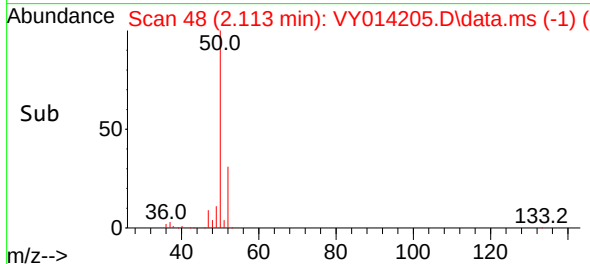
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01



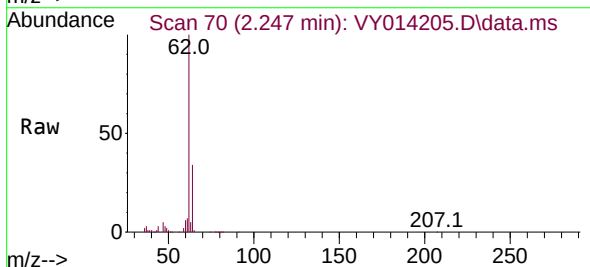
Tgt Ion: 50 Resp: 51419
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2

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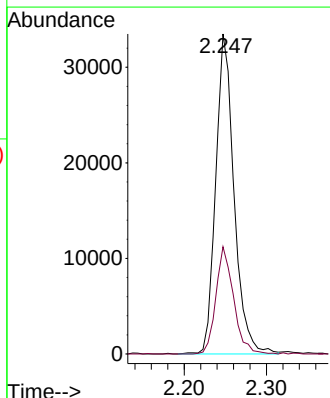
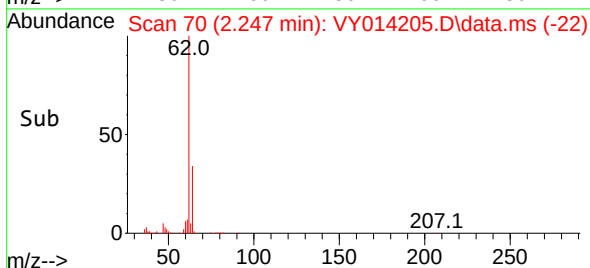
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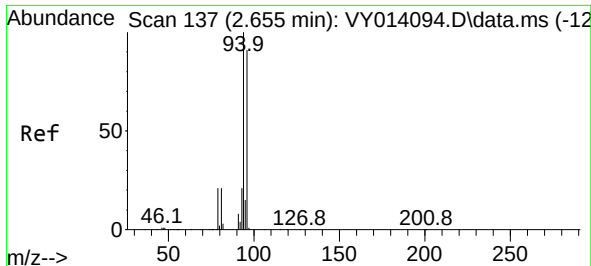


#4
Vinyl Chloride
Concen: 19.261 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



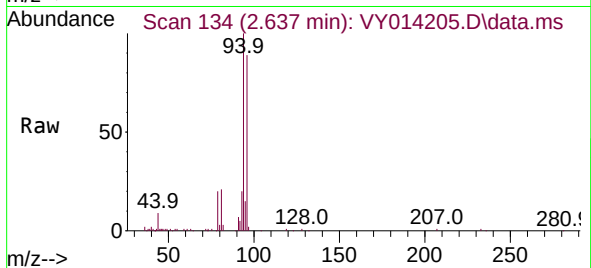
Tgt Ion: 62 Resp: 51792
Ion Ratio Lower Upper
62 100
64 33.5 24.3 36.5





#5
Bromomethane
Concen: 18.582 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014205.D
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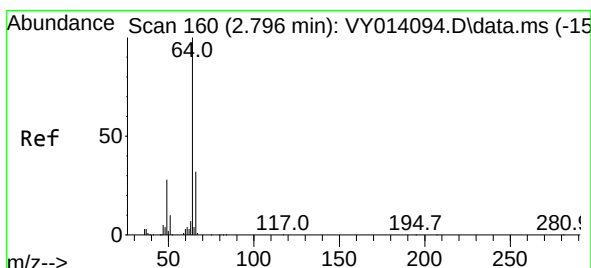
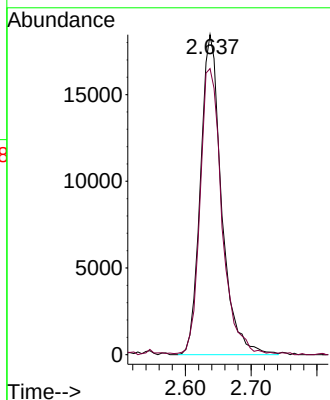
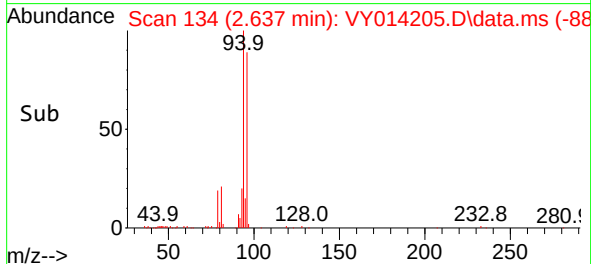
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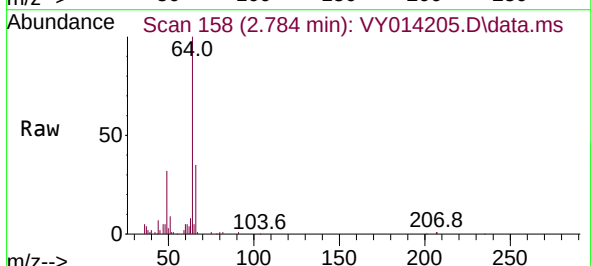
Tgt Ion: 94 Resp: 4122
Ion Ratio Lower Upper
94 100
96 88.9 75.8 113.6

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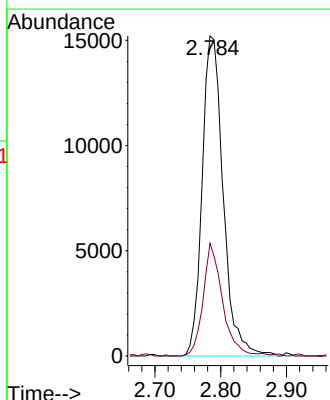
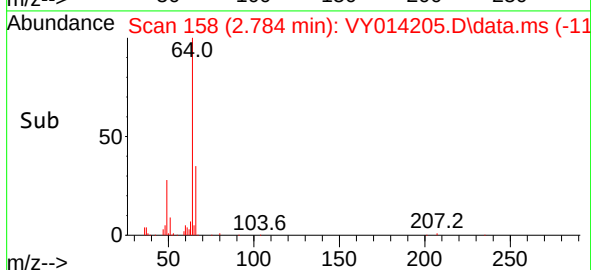
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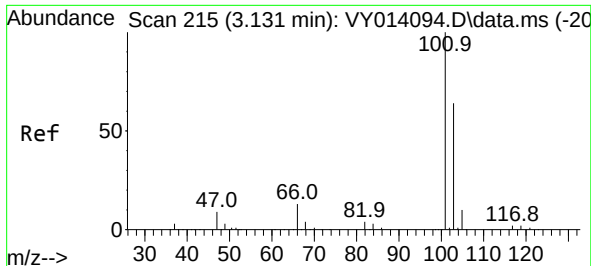


#6
Chloroethane
Concen: 18.519 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014205.D
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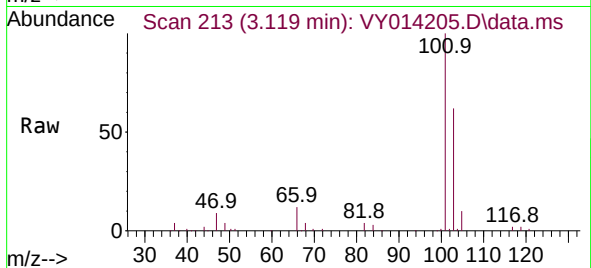
Tgt Ion: 64 Resp: 33837
Ion Ratio Lower Upper
64 100
66 35.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.061 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014205.D
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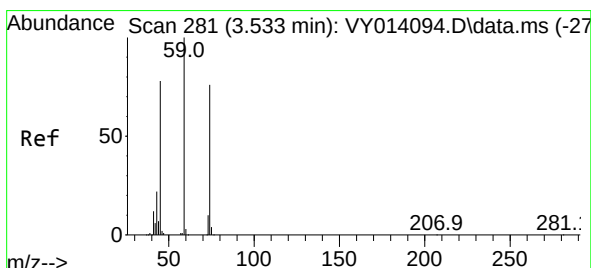
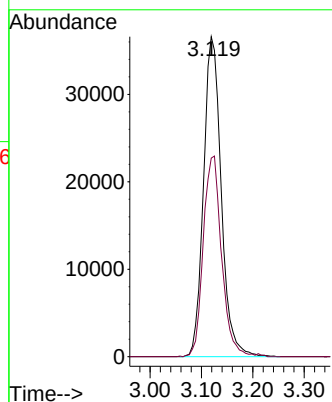
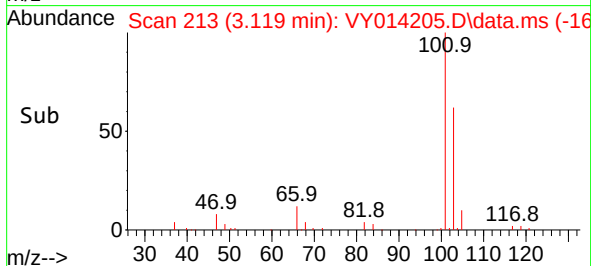
Instrument :
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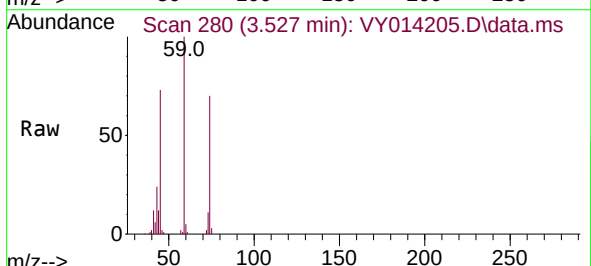
Tgt Ion:101 Resp: 8763
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0

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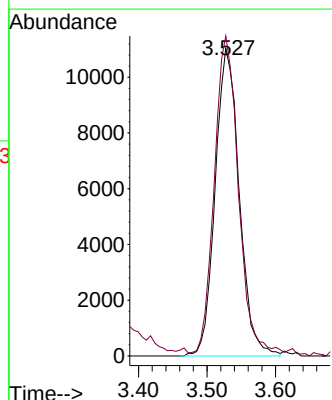
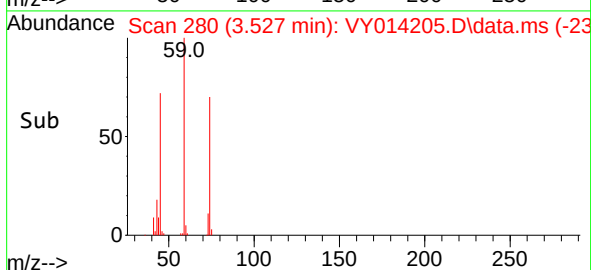
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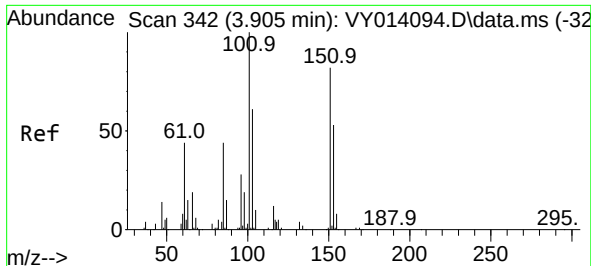


#8
Diethyl Ether
Concen: 18.442 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014205.D
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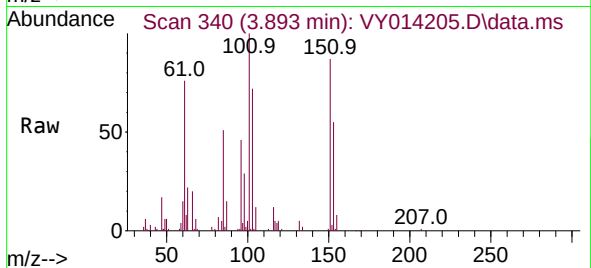
Tgt Ion: 74 Resp: 26900
Ion Ratio Lower Upper
74 100
45 101.8 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.940 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
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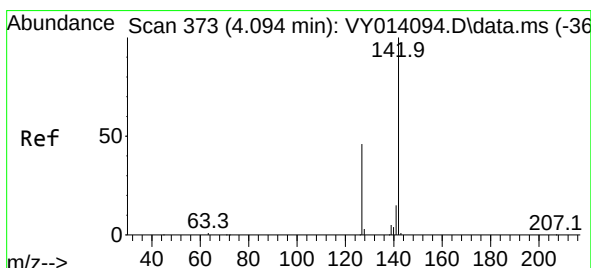
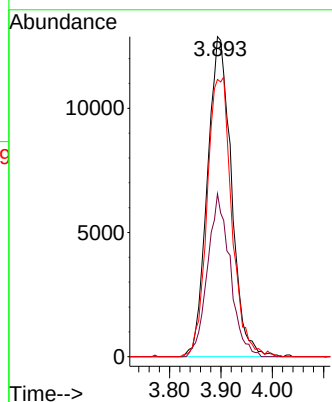
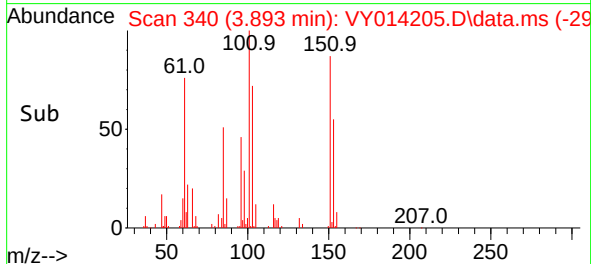
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



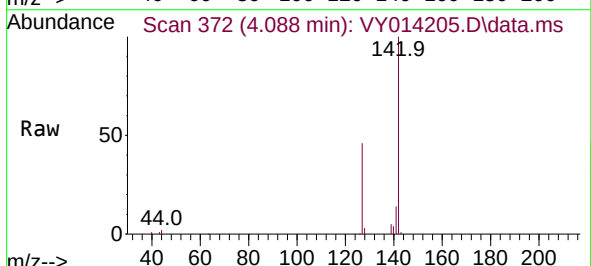
Tgt Ion:101 Resp: 4175
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 90.0 67.0 100.6

Manual Integrations
APPROVED

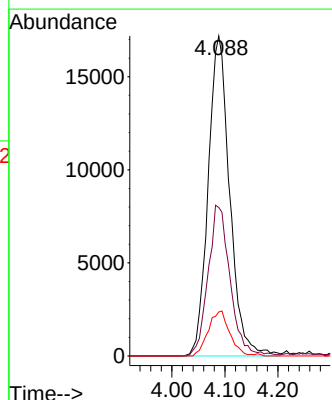
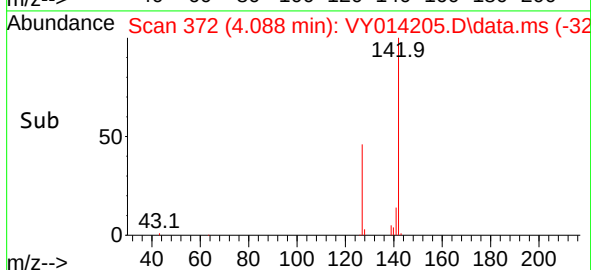
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

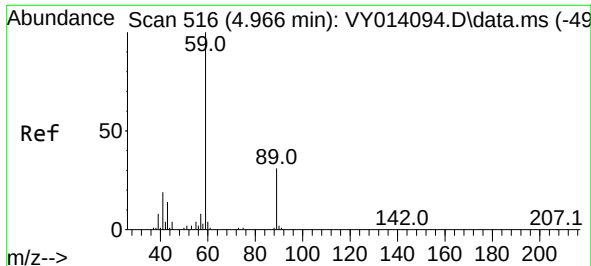


#10
Methyl Iodide
Concen: 16.649 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



Tgt Ion:142 Resp: 48469
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.0 11.8 17.8





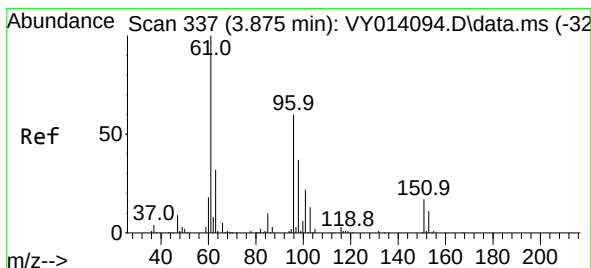
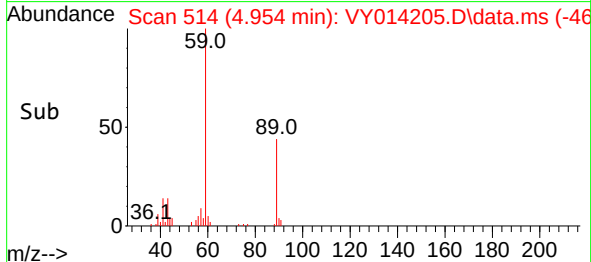
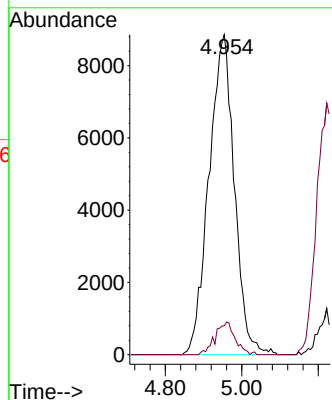
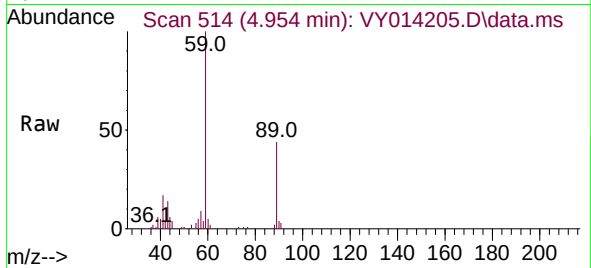
#11
Tert butyl alcohol
Concen: 118.594 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 59 Resp: 40810
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.4

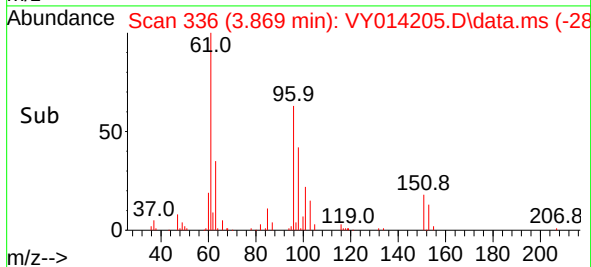
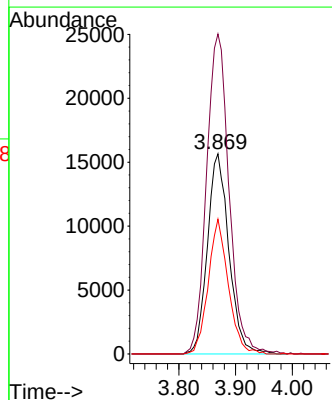
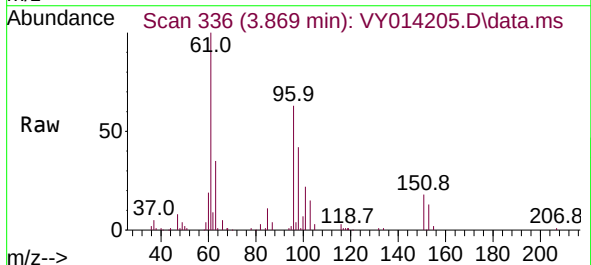
Manual Integrations
APPROVED

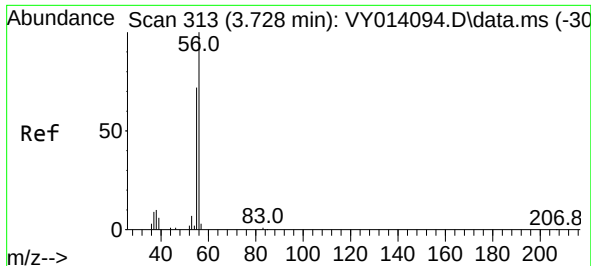
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 18.466 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 96 Resp: 41264
Ion Ratio Lower Upper
96 100
61 159.9 136.4 204.6
98 67.4 49.4 74.2





#13

Acrolein

Concen: 96.381 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

Tgt Ion: 56 Resp: 1515

Ion Ratio Lower Upper

56 100

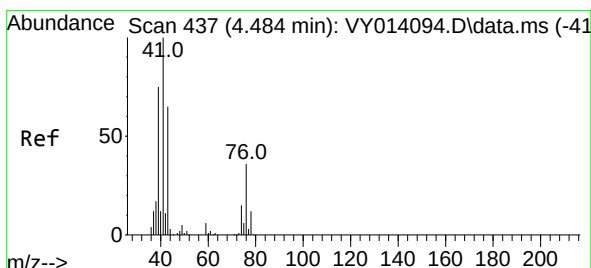
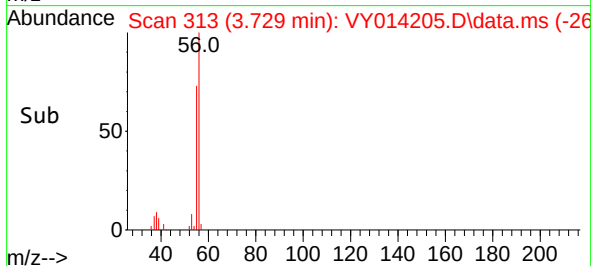
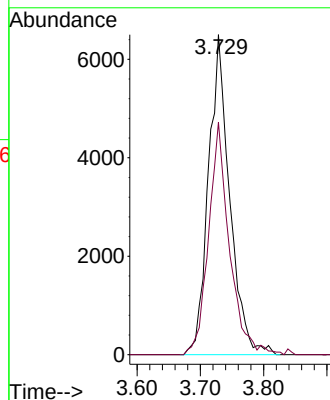
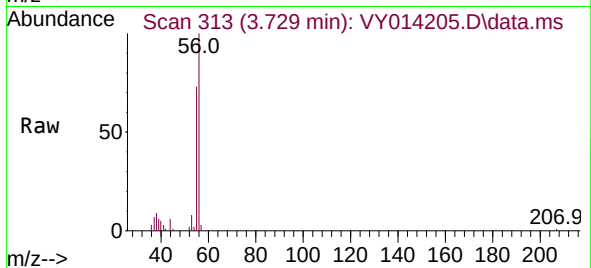
55 71.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#14

Allyl chloride

Concen: 18.129 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

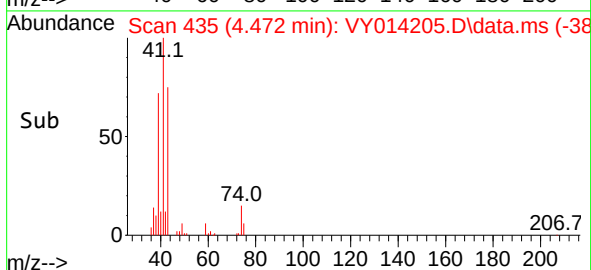
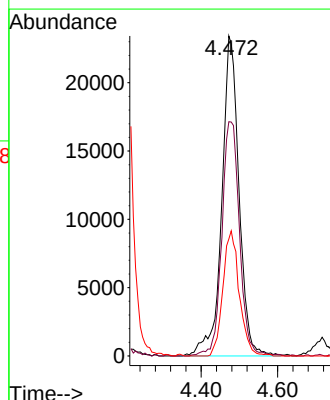
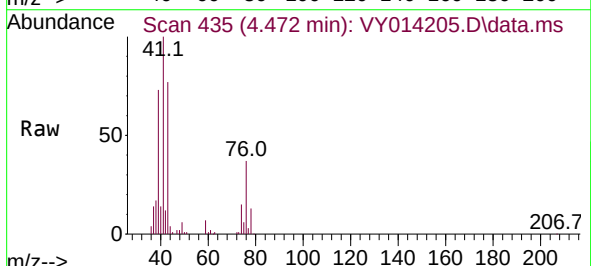
Tgt Ion: 41 Resp: 73434

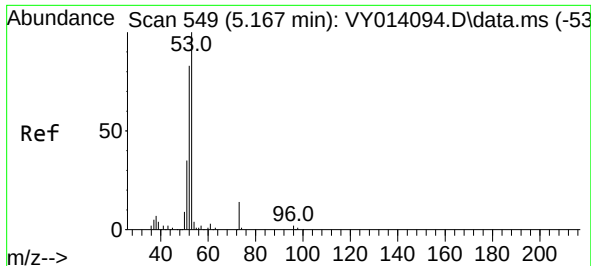
Ion Ratio Lower Upper

41 100

39 74.9 58.0 87.0

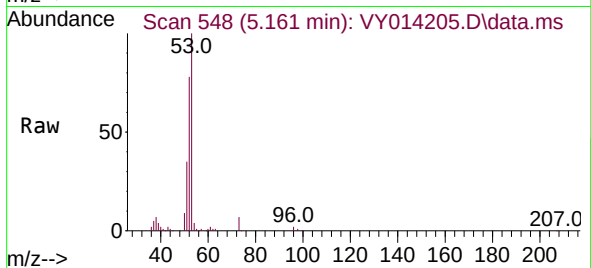
76 37.3 27.4 41.2





#15
Acrylonitrile
Concen: 90.244 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

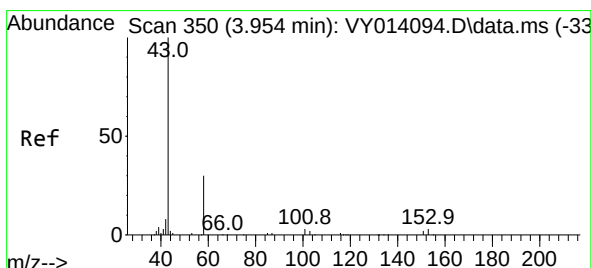
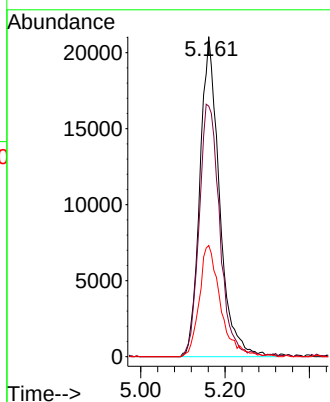
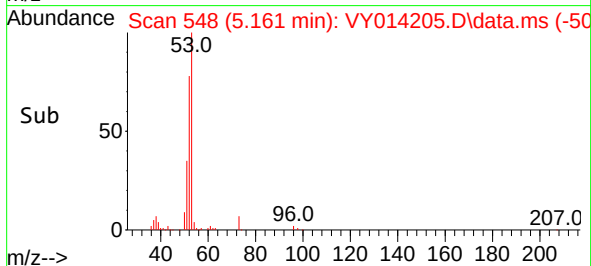
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01



Tgt Ion: 53 Resp: 67898
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 37.6 29.8 44.6

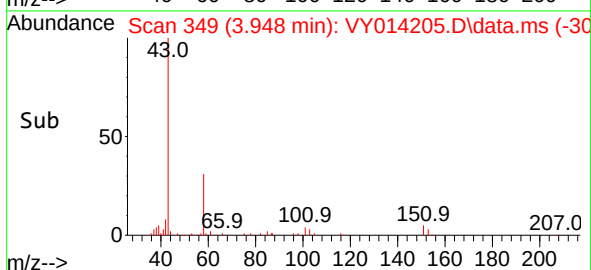
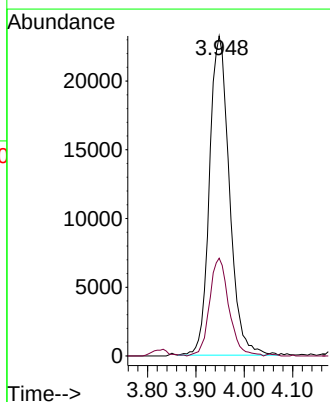
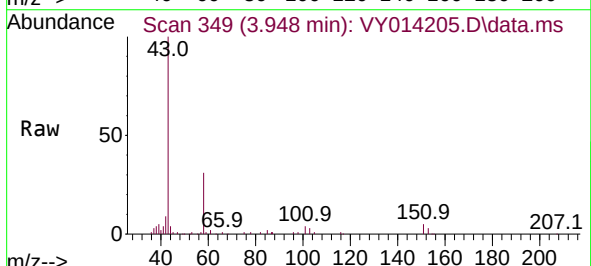
Manual Integrations
APPROVED

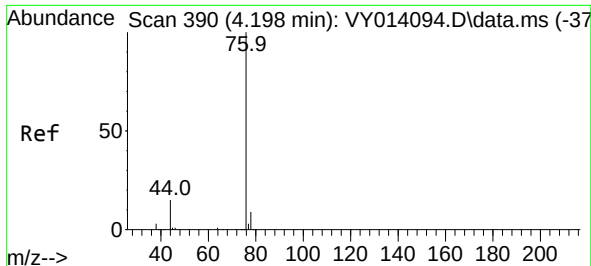
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 80.973 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 43 Resp: 66521
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1





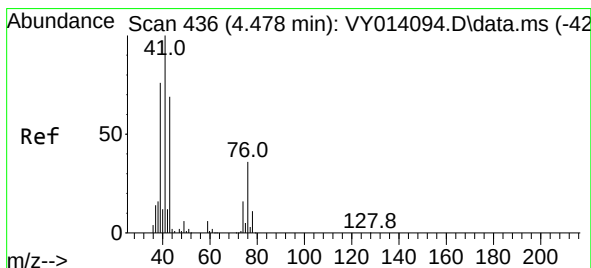
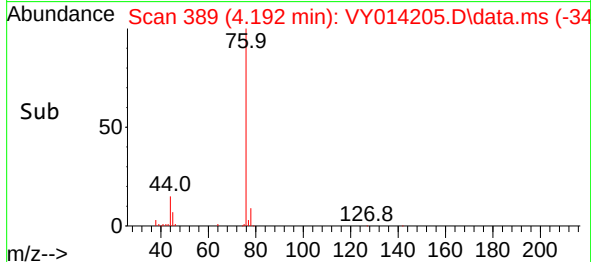
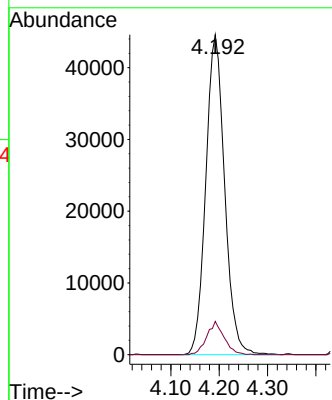
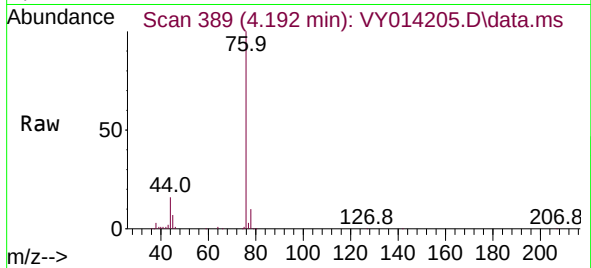
#17
Carbon Disulfide
Concen: 16.640 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Tgt Ion: 76 Resp: 120490
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

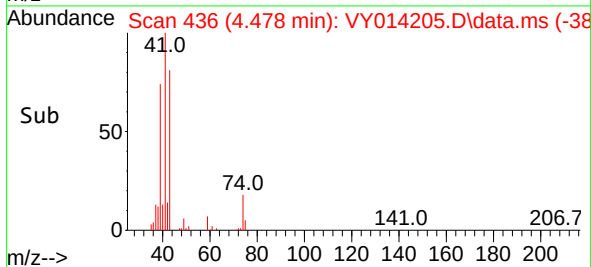
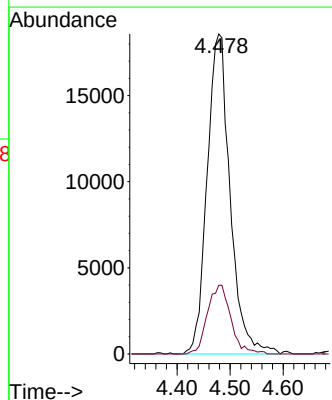
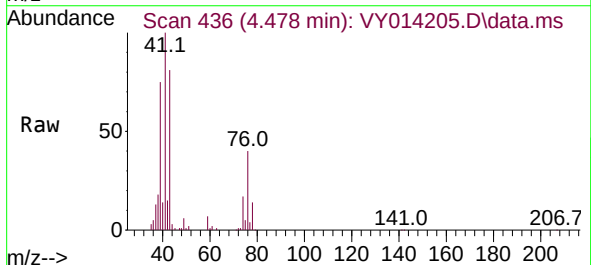
Manual Integrations
APPROVED

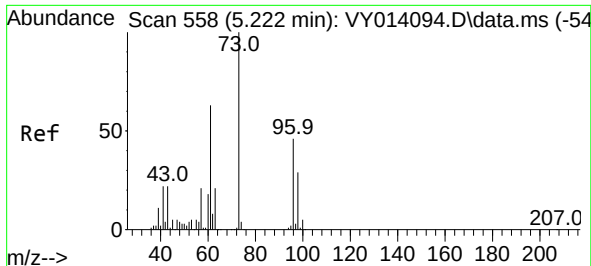
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 17.532 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 43 Resp: 55904
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





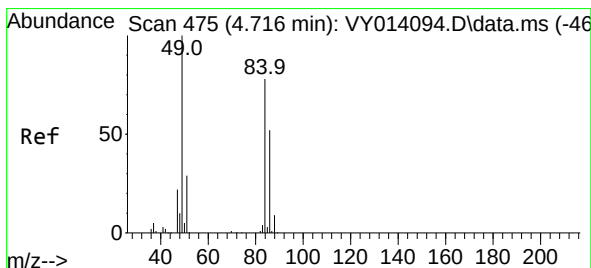
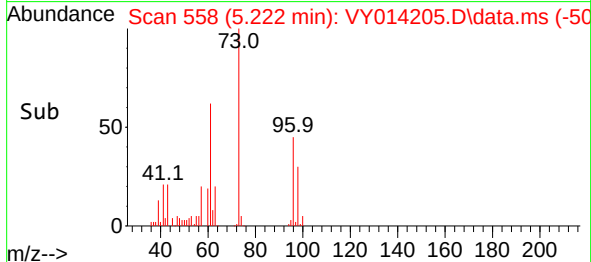
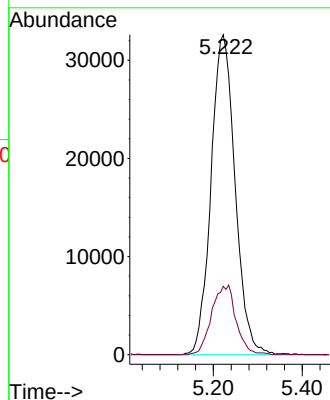
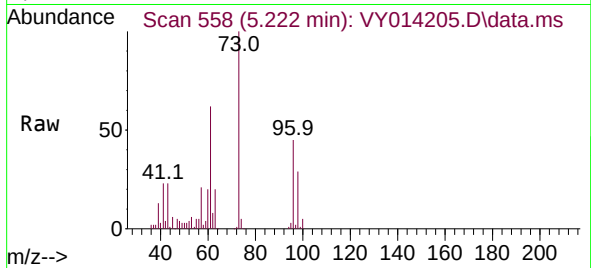
#19
Methyl tert-butyl Ether
Concen: 18.588 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 73 Resp: 122508
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

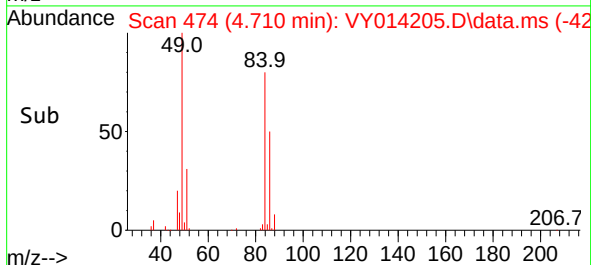
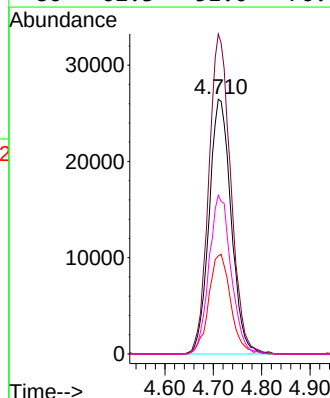
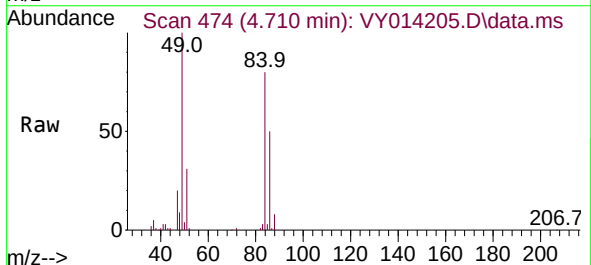
Manual Integrations
APPROVED

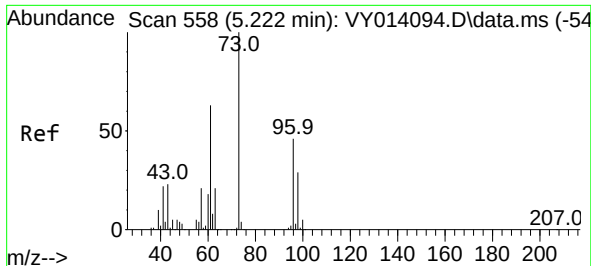
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 30.514 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

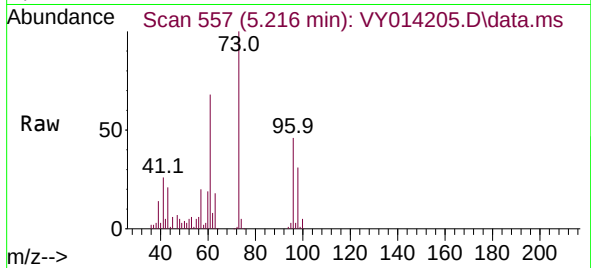
Tgt Ion: 84 Resp: 83695
Ion Ratio Lower Upper
84 100
49 125.6 106.9 160.3
51 38.5 33.2 49.8
86 62.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.358 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

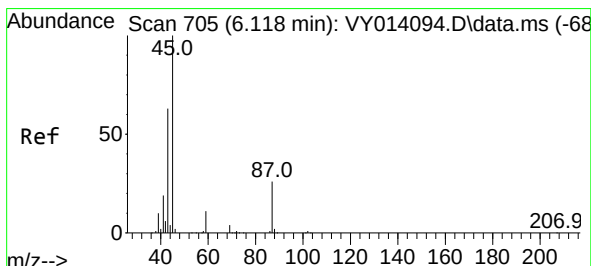
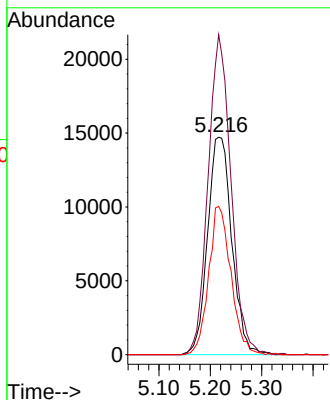
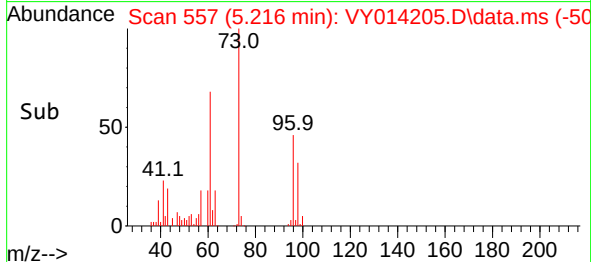
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



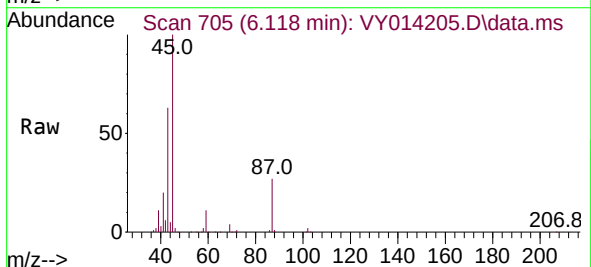
Tgt Ion: 96 Resp: 48248
Ion Ratio Lower Upper
96 100
61 147.2 110.2 165.4
98 68.2 51.8 77.6

Manual Integrations
APPROVED

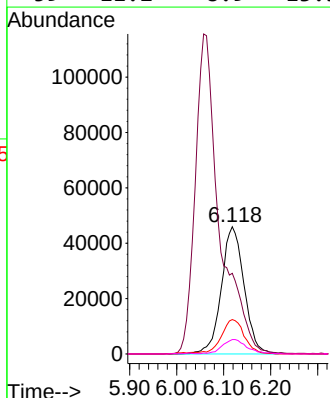
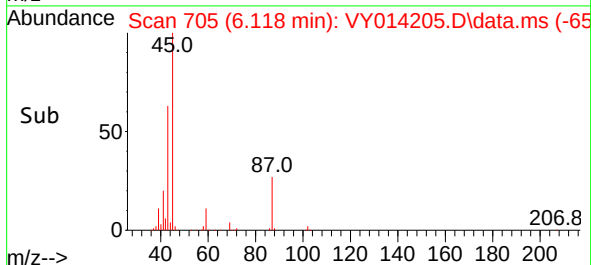
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

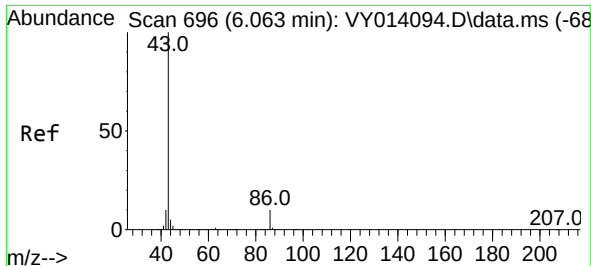


#22
Diisopropyl ether
Concen: 19.905 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



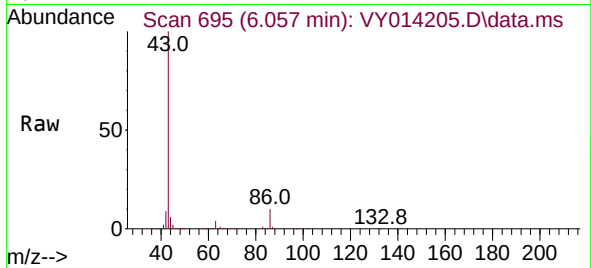
Tgt Ion: 45 Resp: 154375
Ion Ratio Lower Upper
45 100
43 62.7 52.2 78.4
87 27.1 21.0 31.6
59 11.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 90.939 ug/l
 RT: 6.057 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

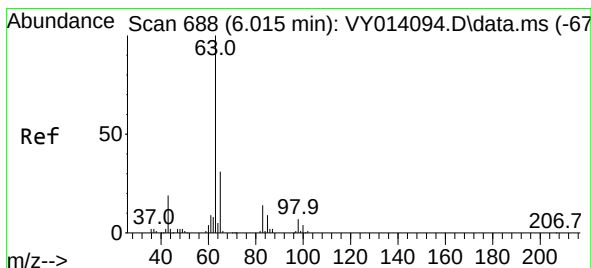
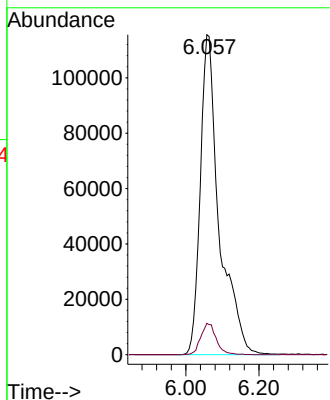
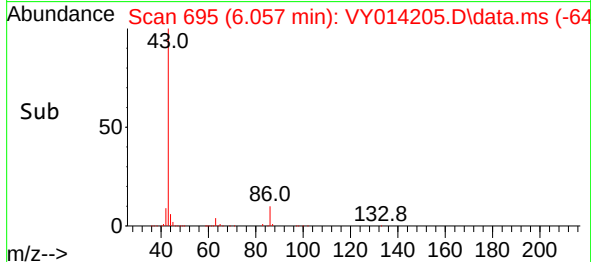
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01



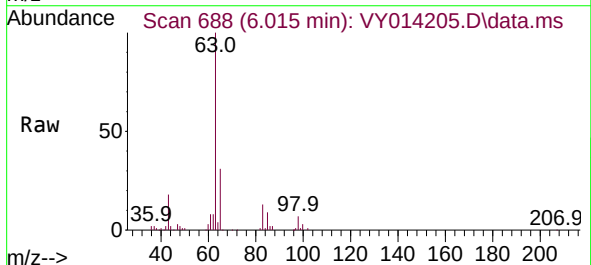
Tgt Ion: 43 Resp: 416134
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

Manual Integrations
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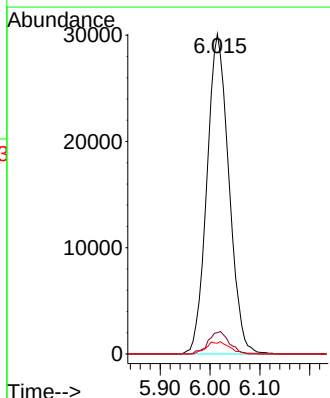
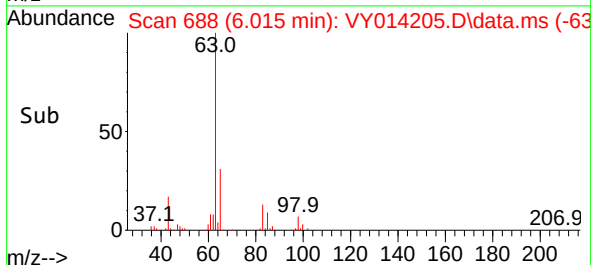
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

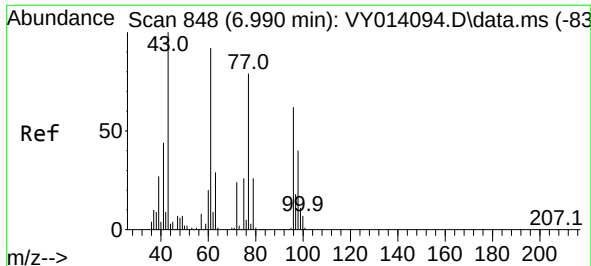


#24
 1,1-Dichloroethane
 Concen: 20.625 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59



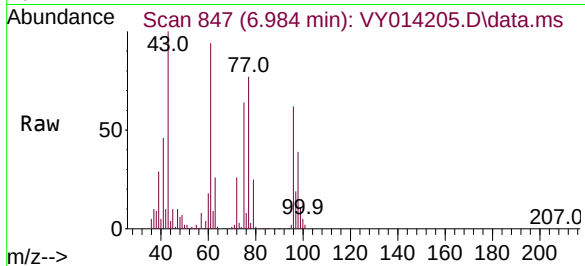
Tgt Ion: 63 Resp: 92229
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 3.4 1.8 5.5





#25
2-Butanone
Concen: 91.348 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

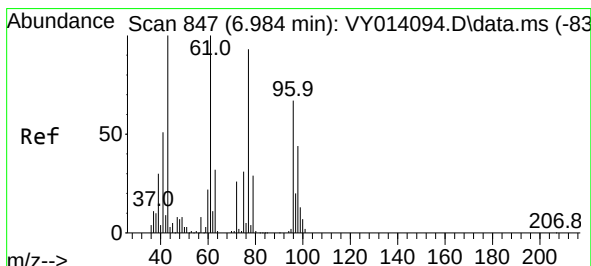
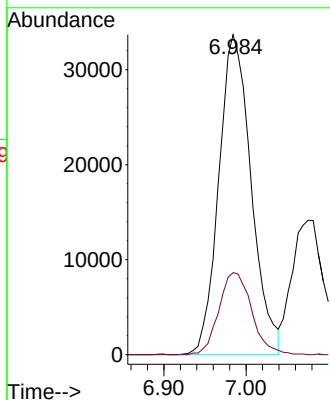
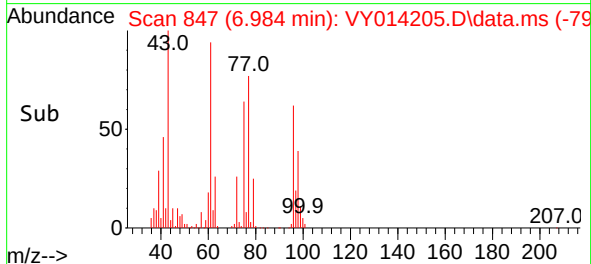
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion: 43 Resp: 92370
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7

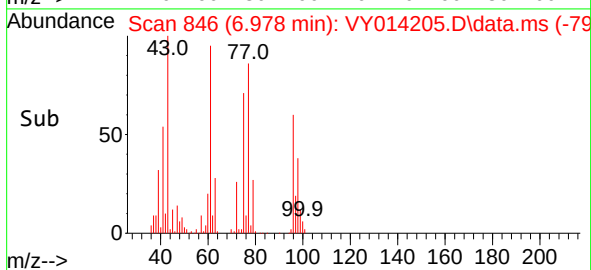
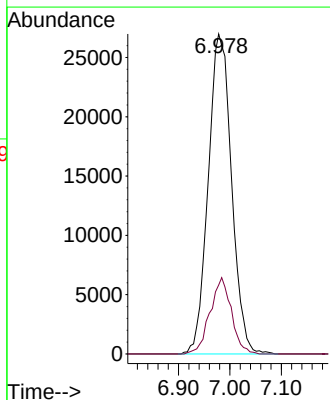
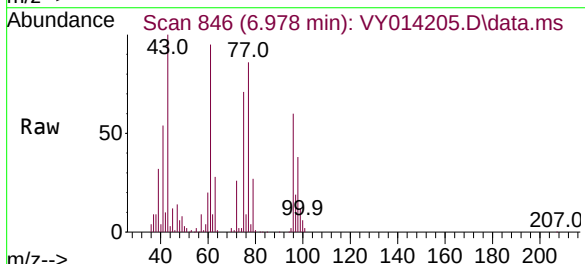
Manual Integrations
APPROVED

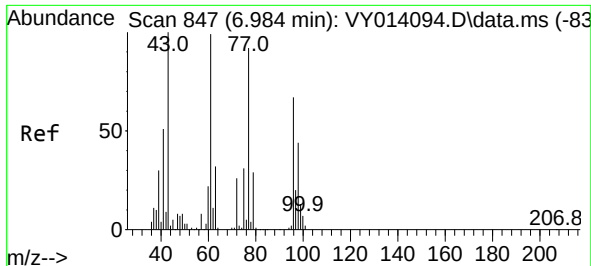
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 20.243 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 77 Resp: 85019
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.004 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014205.D

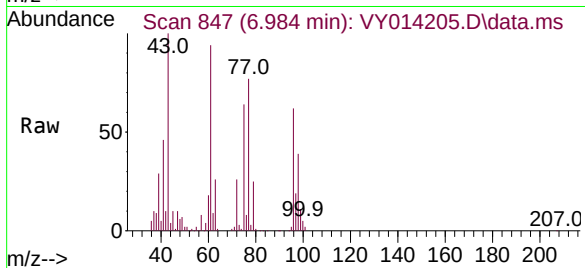
Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01



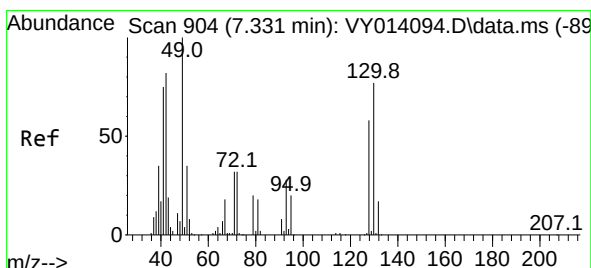
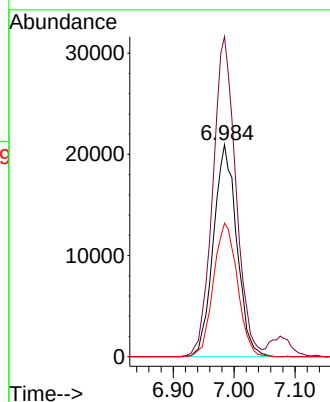
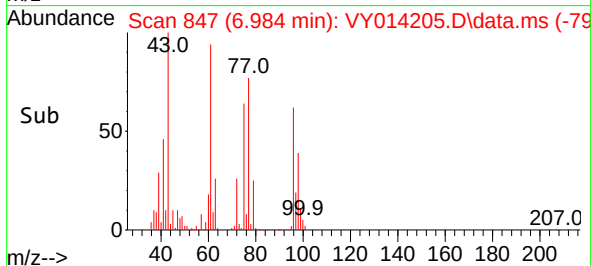
Tgt Ion:	96	Resp:	5577
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	301.4
98	64.9	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#28

Bromochloromethane

Concen: 20.066 ug/l

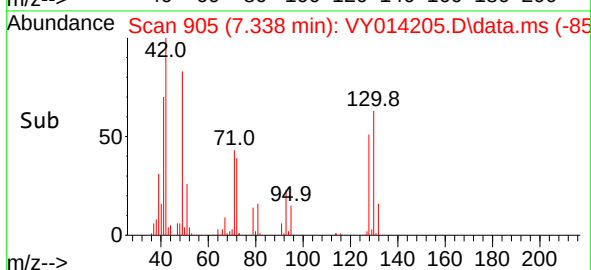
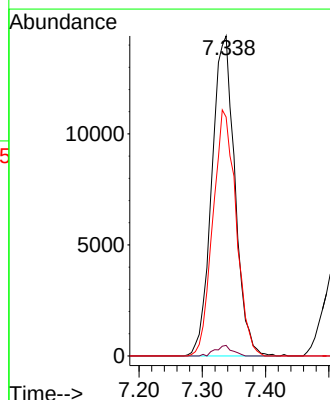
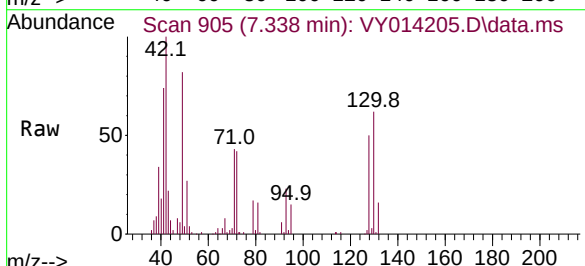
RT: 7.338 min Scan# 905

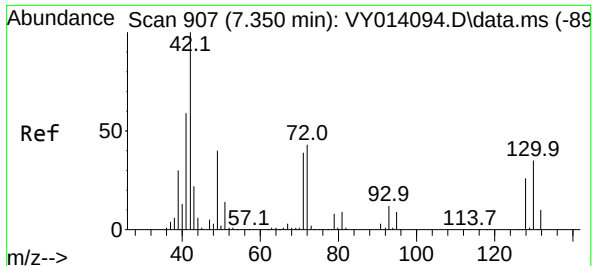
Delta R.T. 0.007 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:	49	Resp:	36489
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	77.3	60.7	91.1





#29

Tetrahydrofuran

Concen: 91.104 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion: 42 Resp: 58420

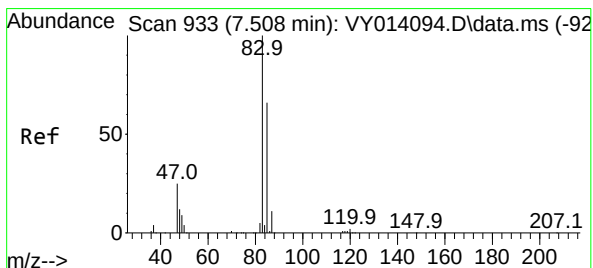
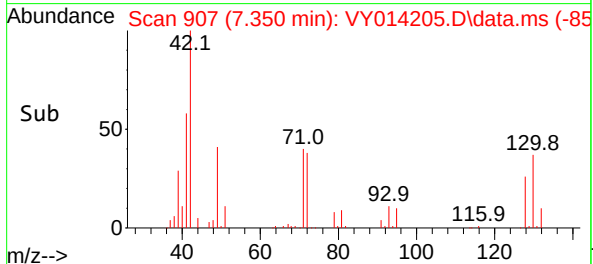
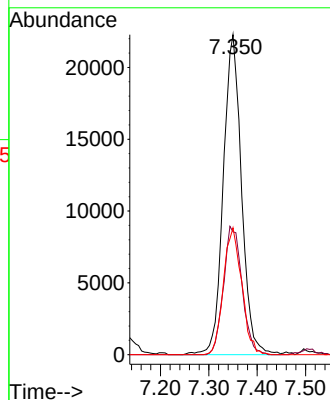
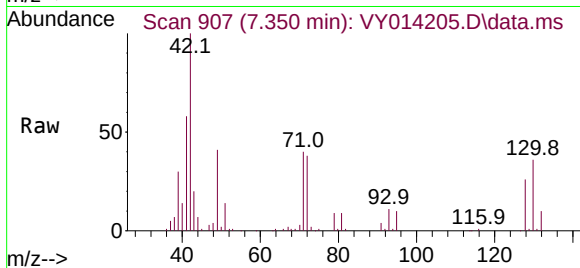
Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.8	49.2
71	39.7	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 20.648 ug/l

RT: 7.508 min Scan# 933

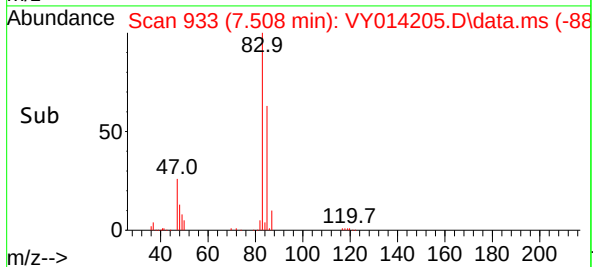
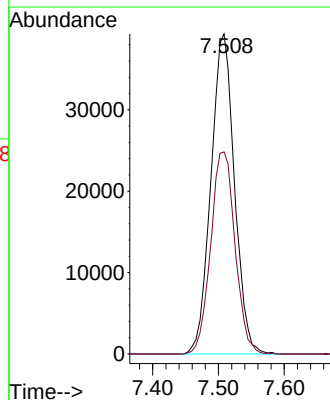
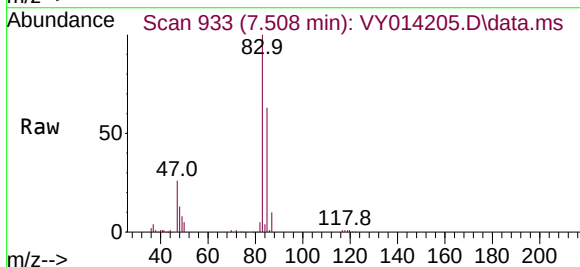
Delta R.T. 0.000 min

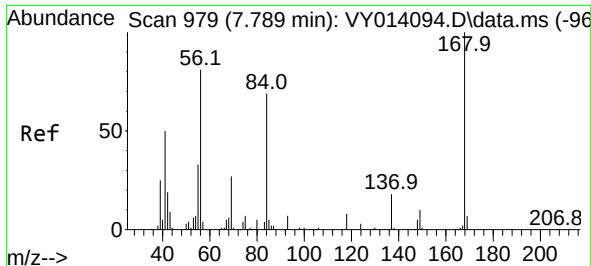
Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion: 83 Resp: 97955

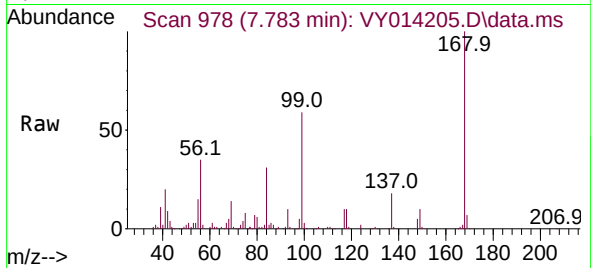
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.7	74.5





#31
Cyclohexane
Concen: 18.478 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

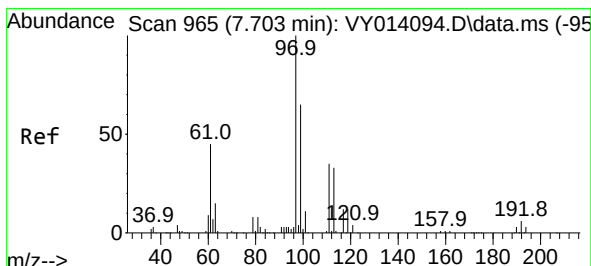
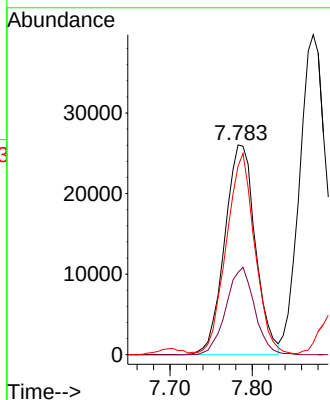
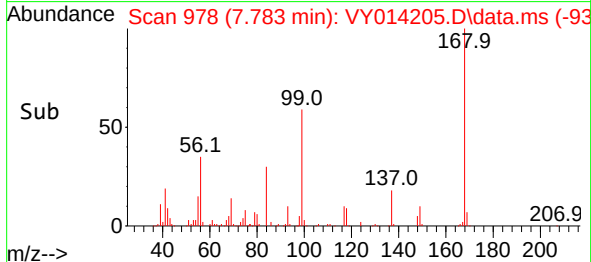
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



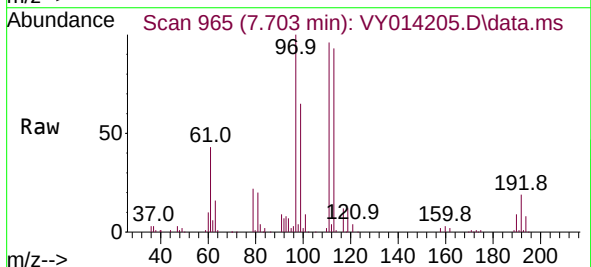
Tgt Ion: 56 Resp: 6746
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 87.9 66.4 99.6

Manual Integrations
APPROVED

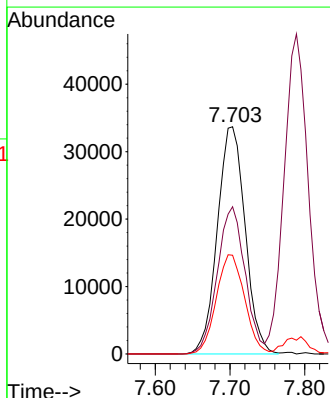
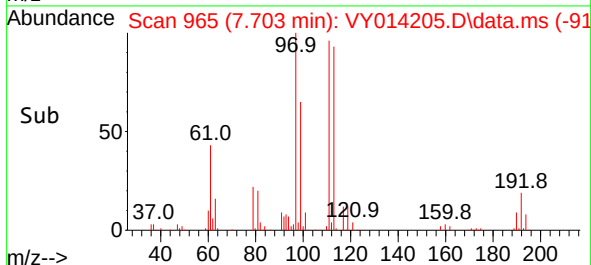
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

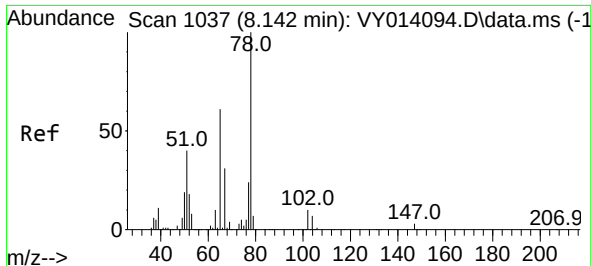


#32
1,1,1-Trichloroethane
Concen: 20.394 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



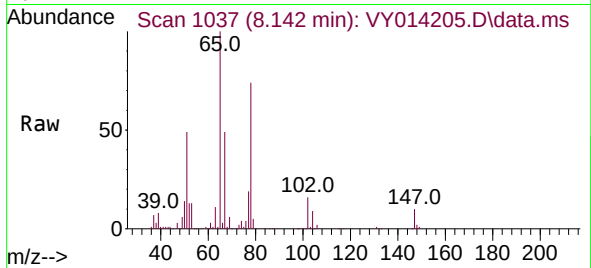
Tgt Ion: 97 Resp: 87258
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.4 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.099 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

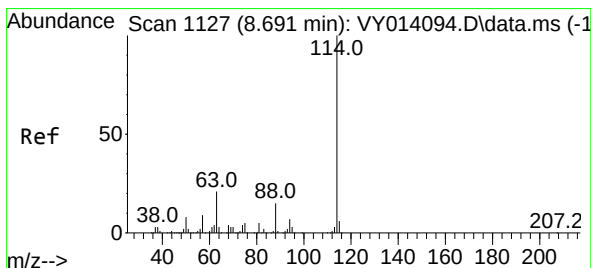
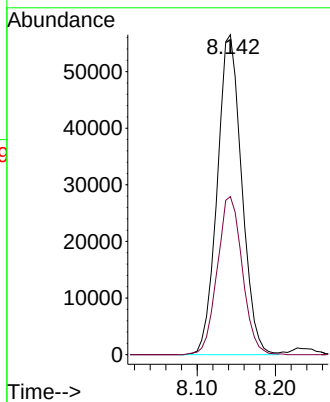
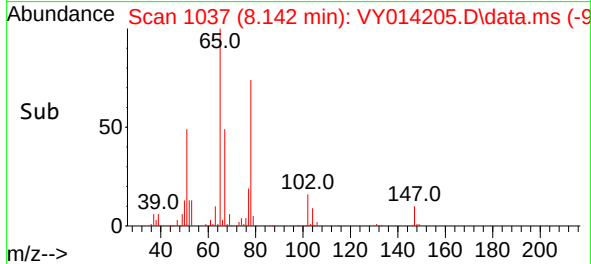
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01



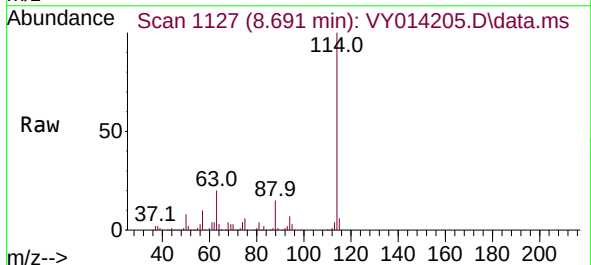
Tgt Ion: 65 Resp: 12291
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8

Manual Integrations
 APPROVED

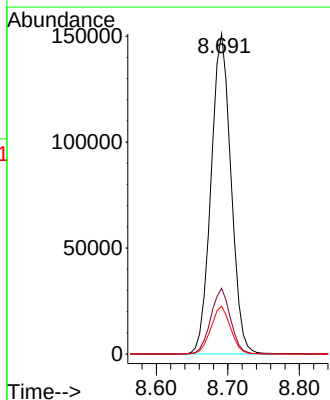
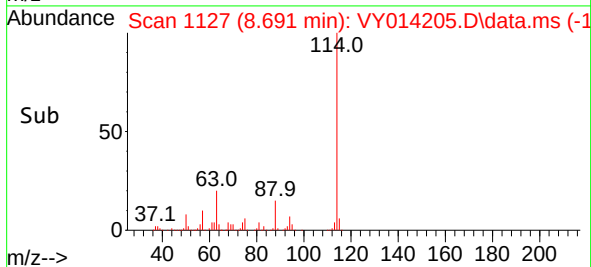
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

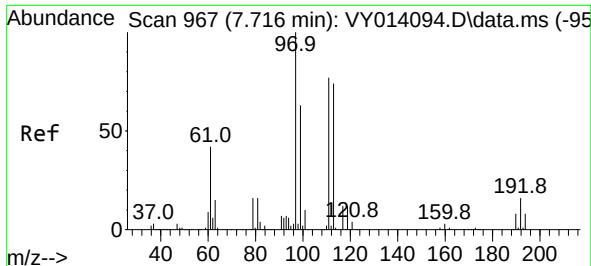


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59



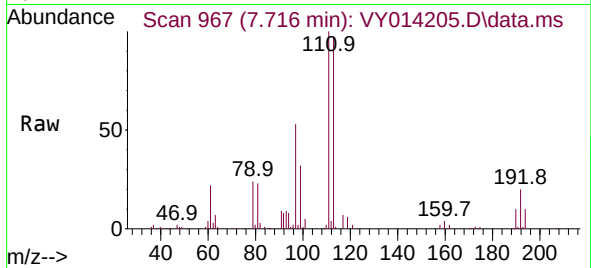
Tgt Ion:114 Resp: 292517
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.095 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

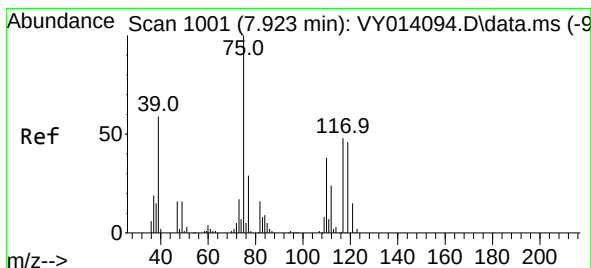
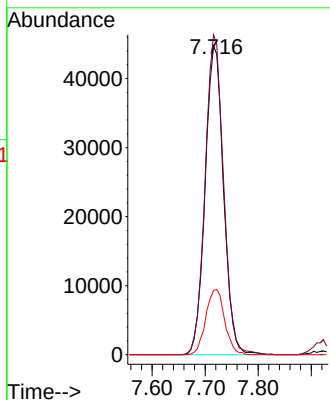
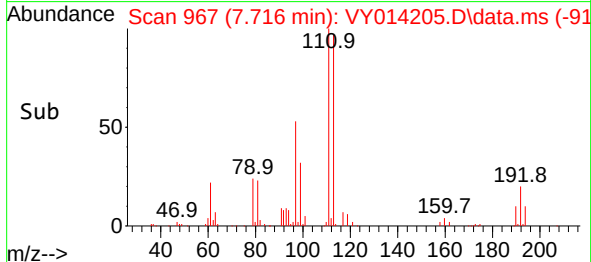
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



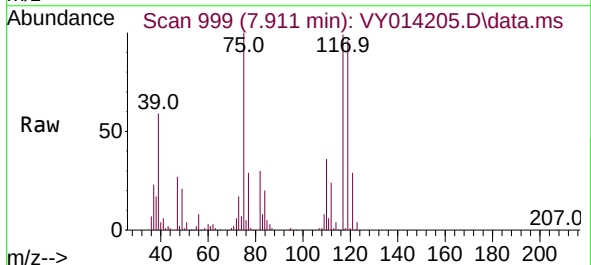
Tgt Ion:113 Resp: 108065
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 21.6 16.9 25.3

Manual Integrations
APPROVED

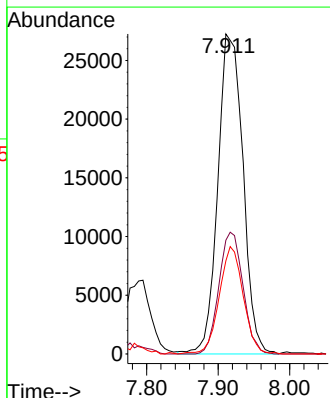
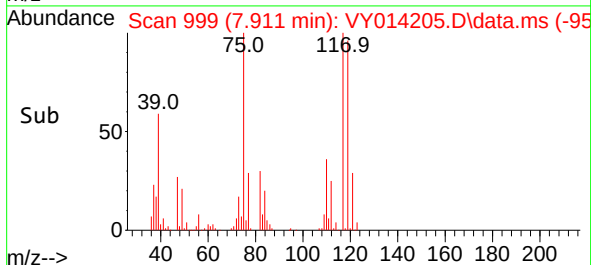
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

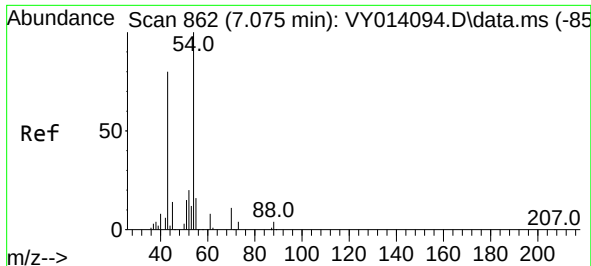


#36
1,1-Dichloropropene
Concen: 20.610 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



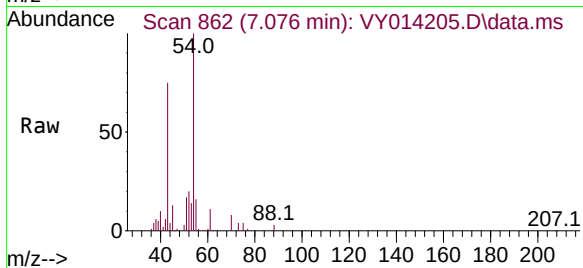
Tgt Ion: 75 Resp: 66655
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 17.535 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

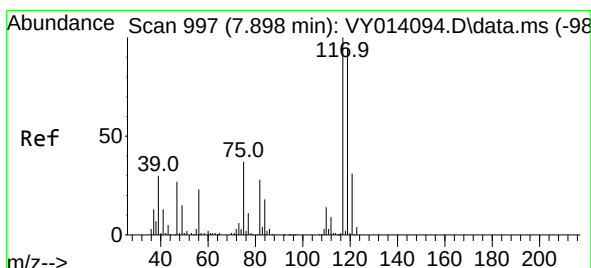
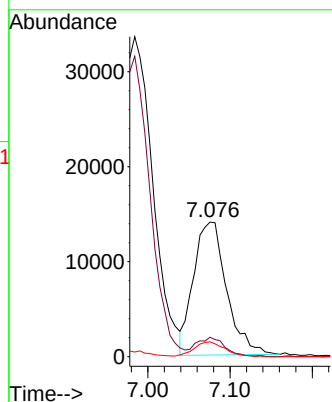
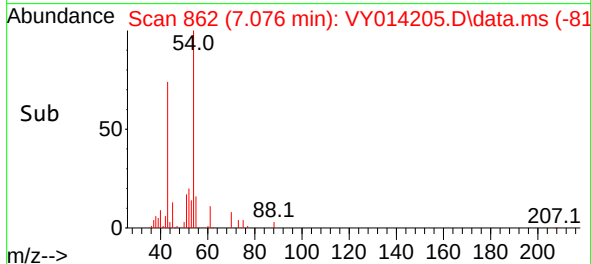
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion: 43 Resp: 39130
Ion Ratio Lower Upper
43 100
61 12.9 10.1 15.1
70 10.4 7.1 10.7

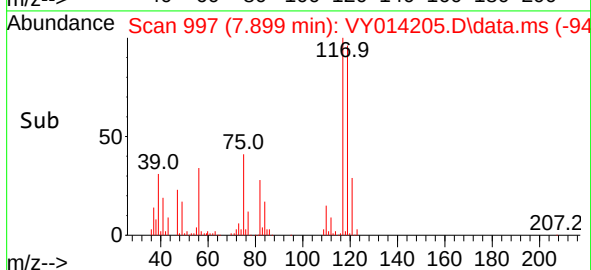
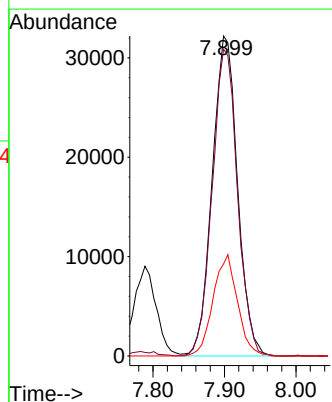
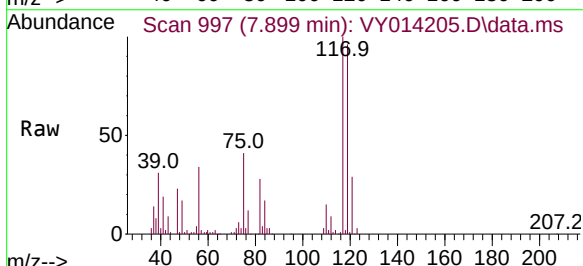
Manual Integrations
APPROVED

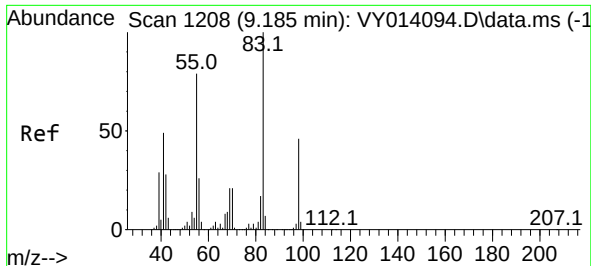
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#38
Carbon Tetrachloride
Concen: 21.244 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

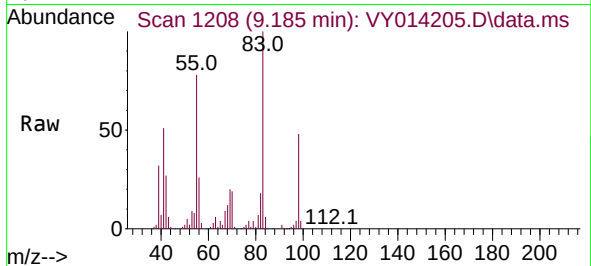
Tgt Ion:117 Resp: 79286
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 28.8 25.8 38.6





#39
Methylcyclohexane
Concen: 18.937 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

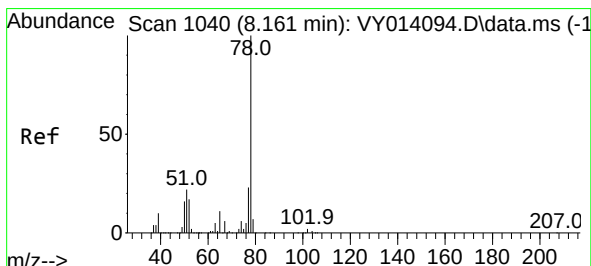
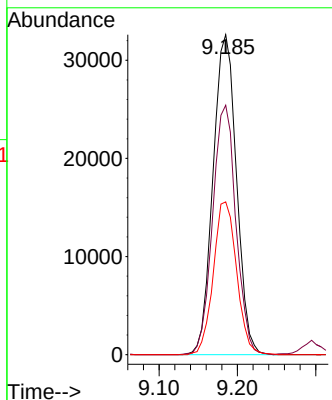
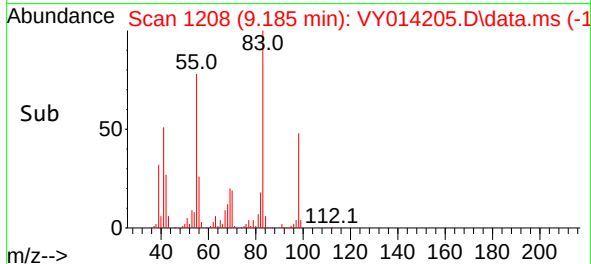
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion: 83 Resp: 6795
Ion Ratio Lower Upper
83 100
55 78.0 63.0 94.4
98 47.8 37.4 56.2

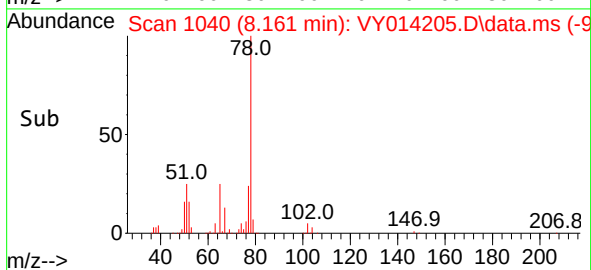
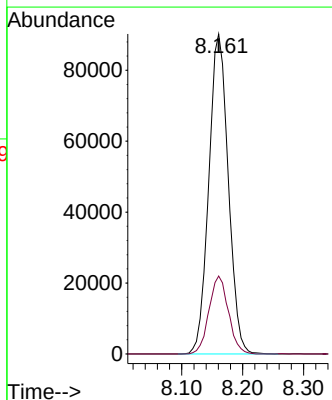
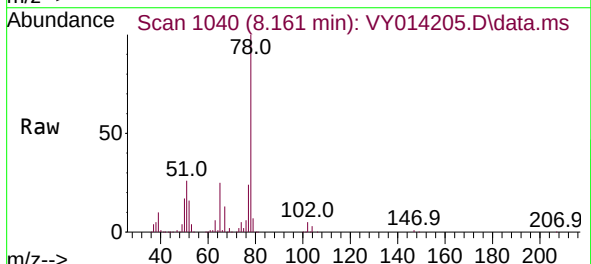
Manual Integrations
APPROVED

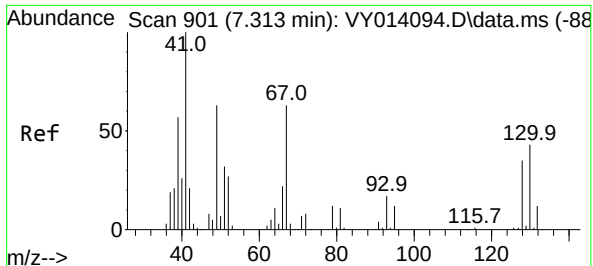
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 20.829 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 78 Resp: 200315
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





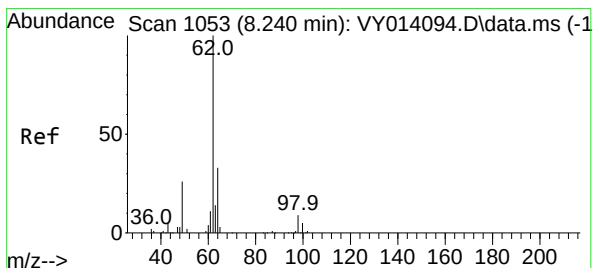
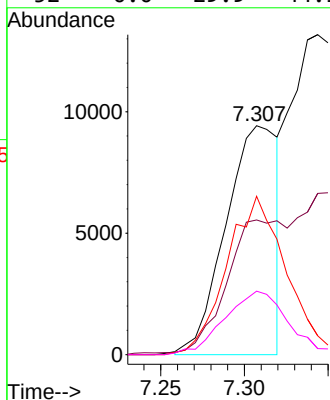
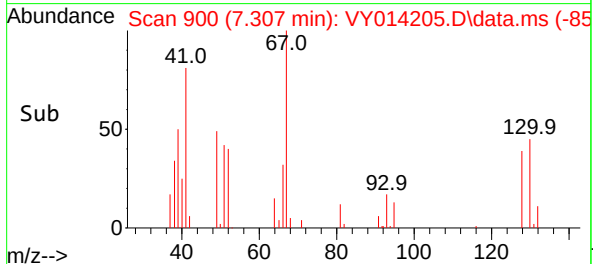
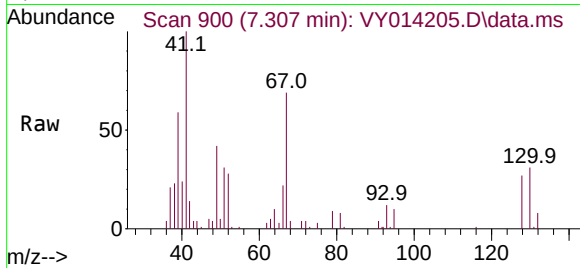
#41
Methacrylonitrile
Concen: 17.891 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 41 Resp: 20375
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

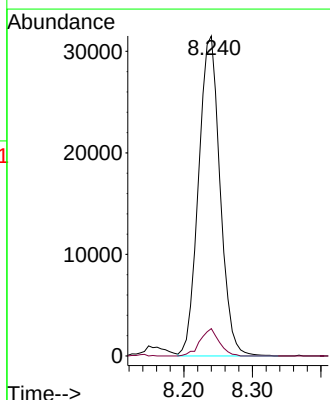
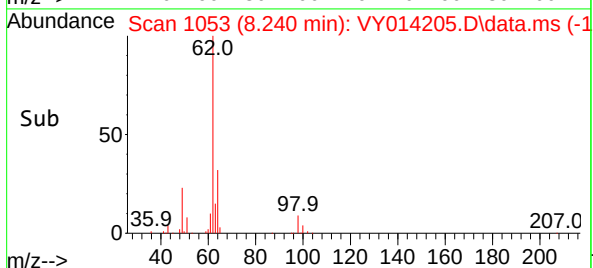
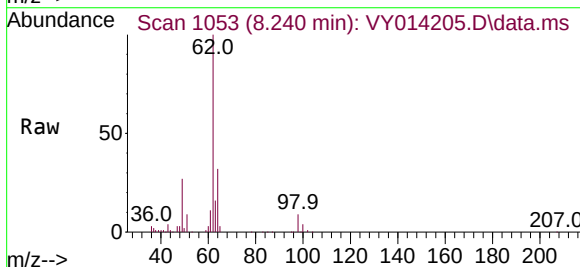
Manual Integrations
APPROVED

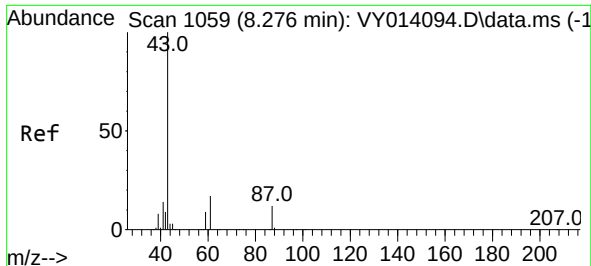
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 62 Resp: 68877
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8





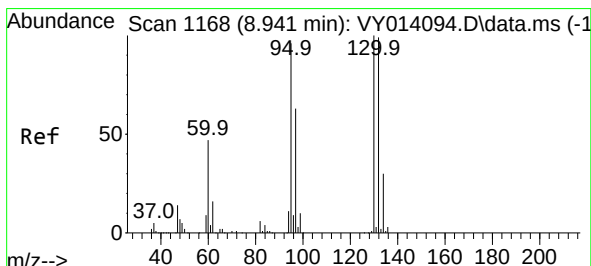
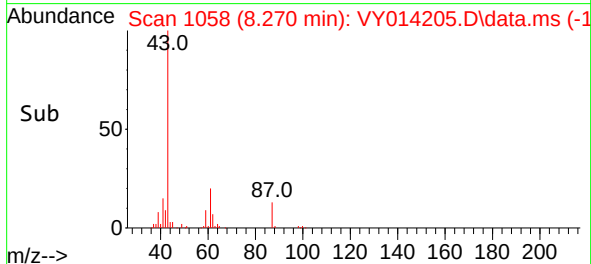
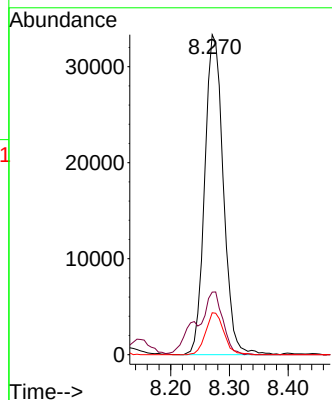
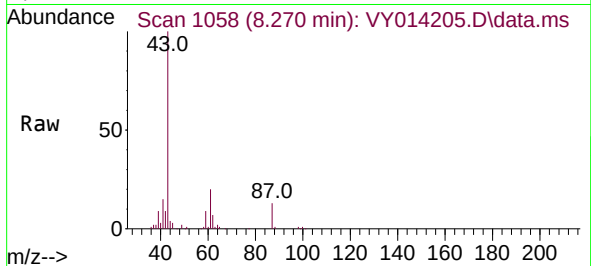
#43
Isopropyl Acetate
Concen: 18.790 ug/l
RT: 8.270 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 43 Resp: 7349
Ion Ratio Lower Upper
43 100
61 19.5 21.1 31.7
87 12.8 9.8 14.8

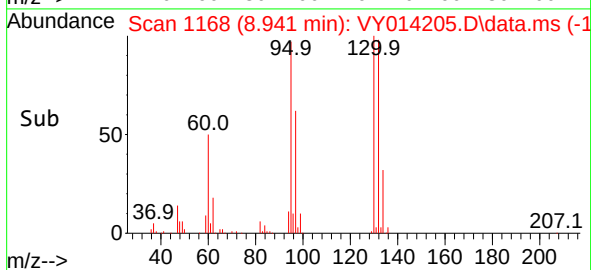
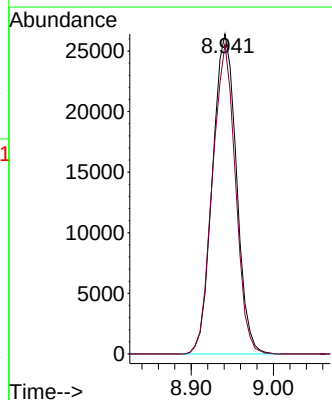
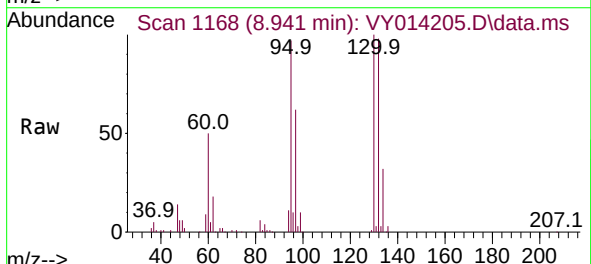
Manual Integrations
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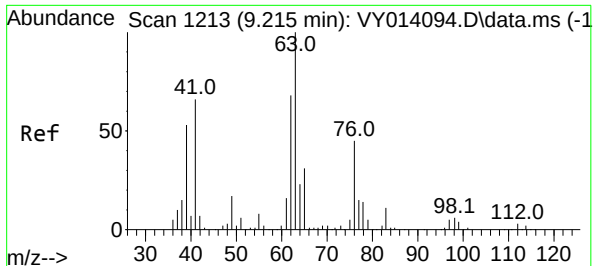
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#44
Trichloroethene
Concen: 20.728 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:130 Resp: 53260
Ion Ratio Lower Upper
130 100
95 96.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.958 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

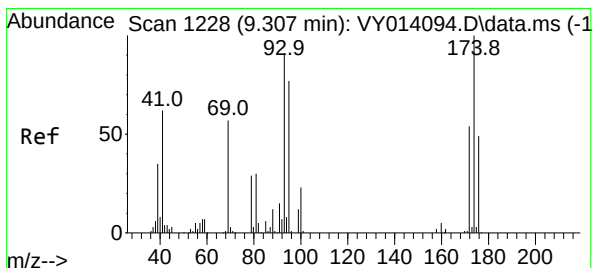
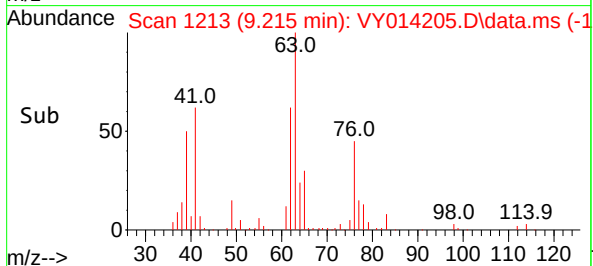
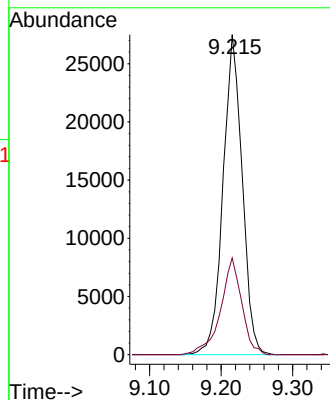
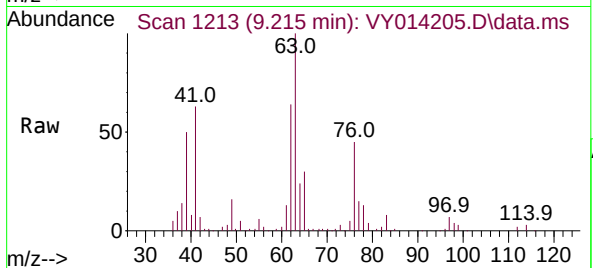
Tgt Ion: 63 Resp: 51194
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 19.994 ug/l

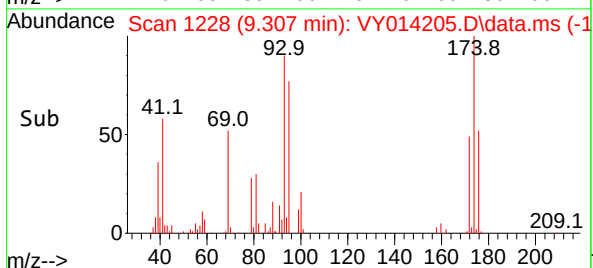
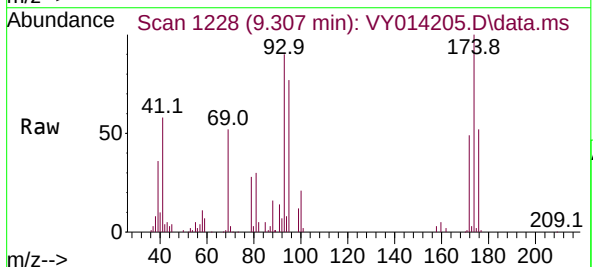
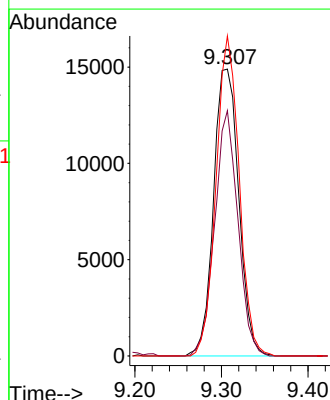
RT: 9.307 min Scan# 1228

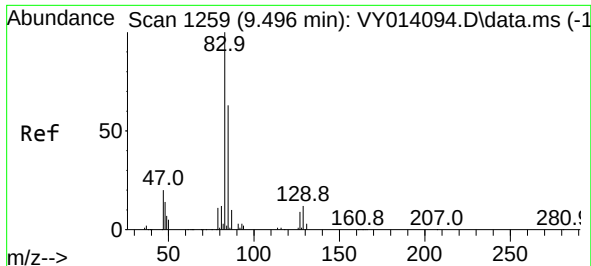
Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

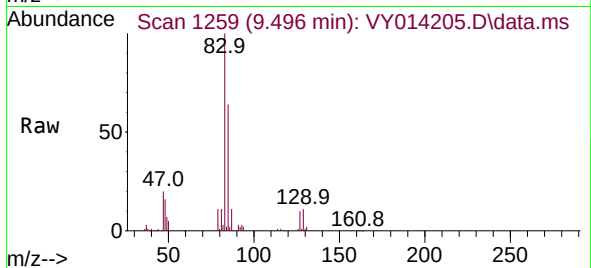
Tgt Ion: 93 Resp: 30064
 Ion Ratio Lower Upper
 93 100
 95 79.1 66.6 100.0
 174 102.5 84.8 127.2





#47
Bromodichloromethane
Concen: 20.655 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

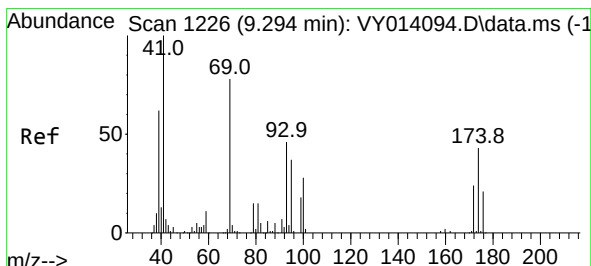
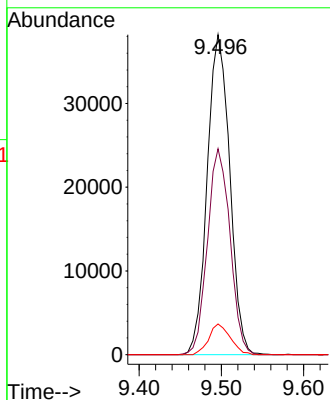
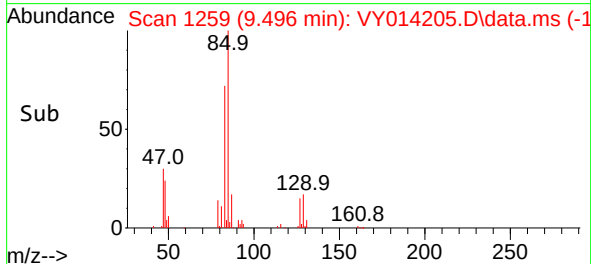
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



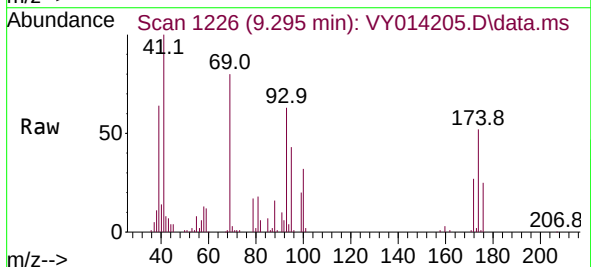
Tgt Ion: 83 Resp: 72718
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 9.6 7.1 10.7

Manual Integrations
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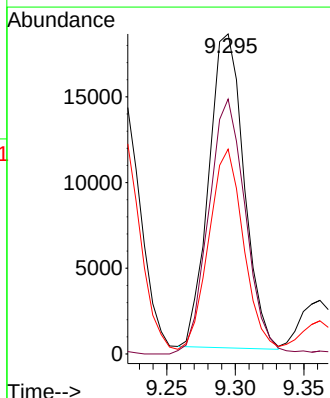
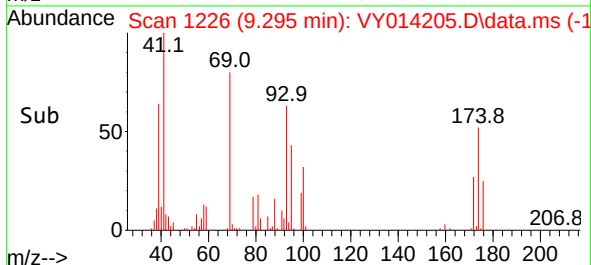
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

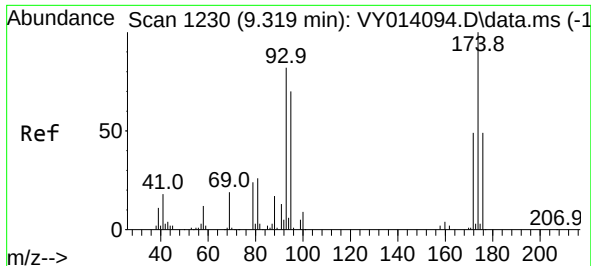


#48
Methyl methacrylate
Concen: 17.981 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



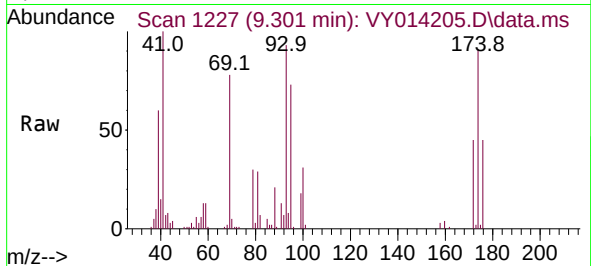
Tgt Ion: 41 Resp: 32801
Ion Ratio Lower Upper
41 100
69 85.6 64.5 96.7
39 65.3 50.8 76.2





#49
1,4-Dioxane
Concen: 390.038 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.018 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

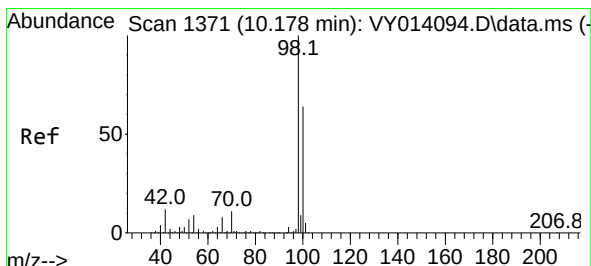
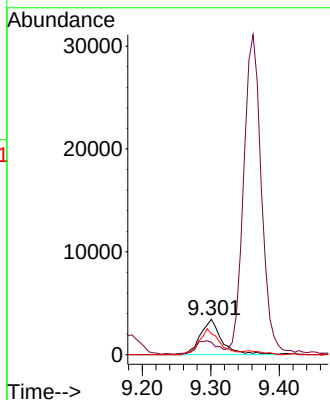
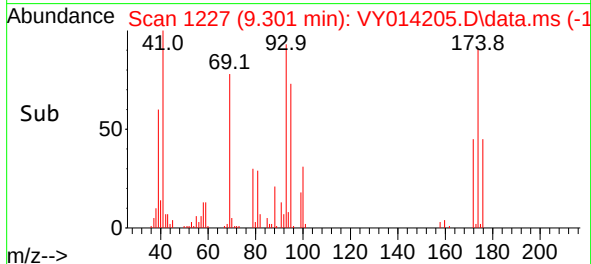
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion: 88 Resp: 745
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0
58 69.3 30.9 46.3

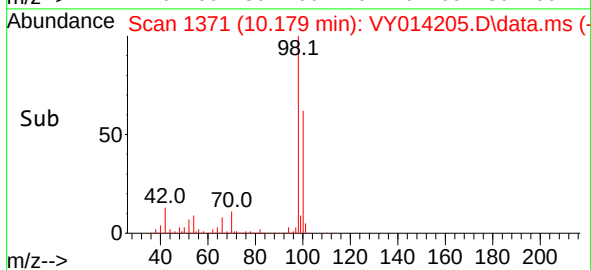
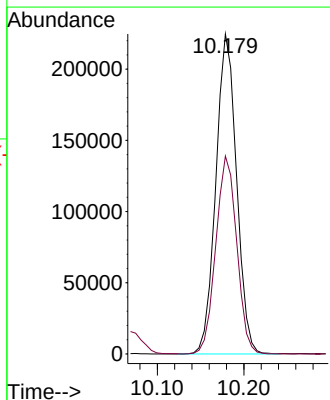
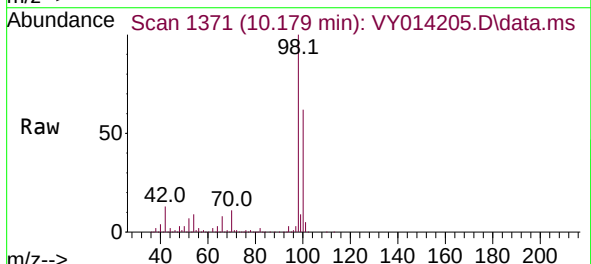
Manual Integrations
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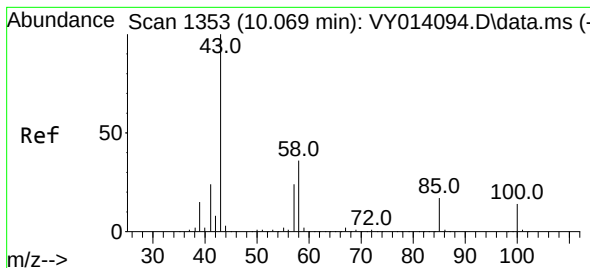
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#50
Toluene-d8
Concen: 48.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

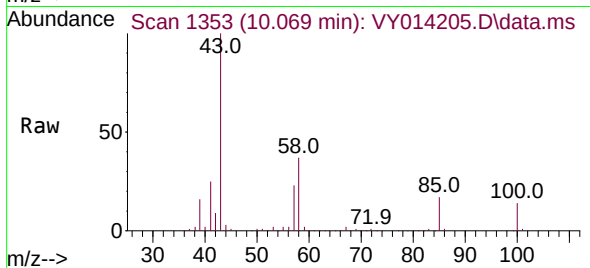
Tgt Ion: 98 Resp: 373380
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 94.801 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

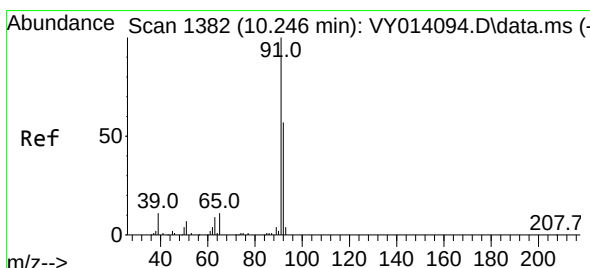
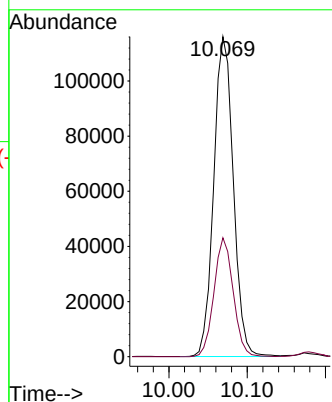
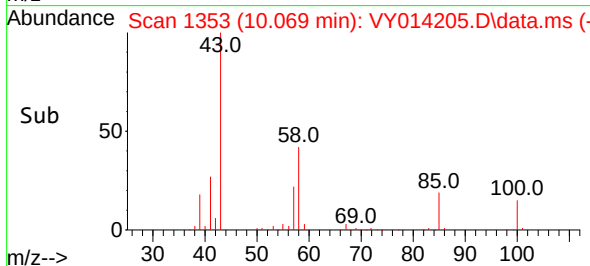
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion: 43 Resp: 201438
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6

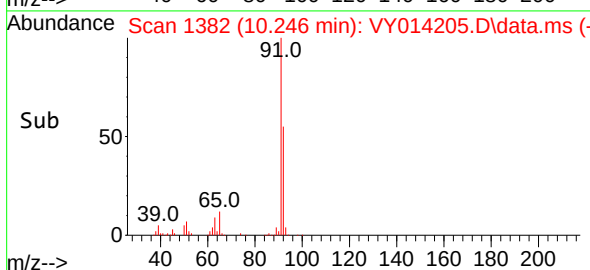
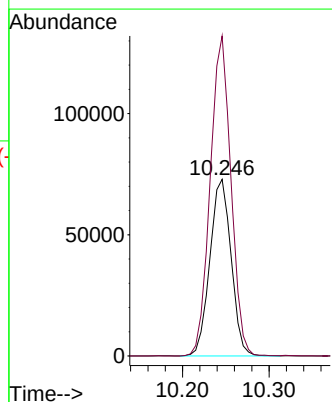
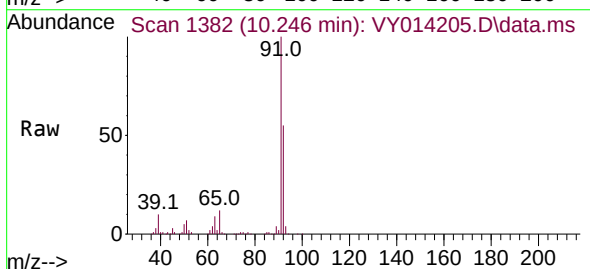
Manual Integrations
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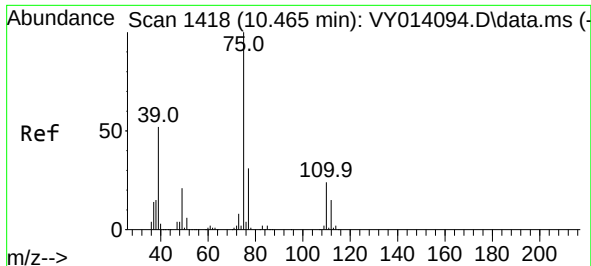
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 20.824 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 92 Resp: 124143
Ion Ratio Lower Upper
92 100
91 176.9 143.8 215.6





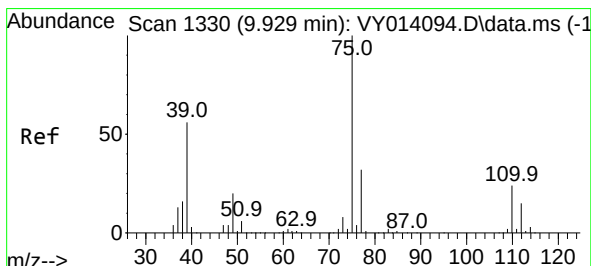
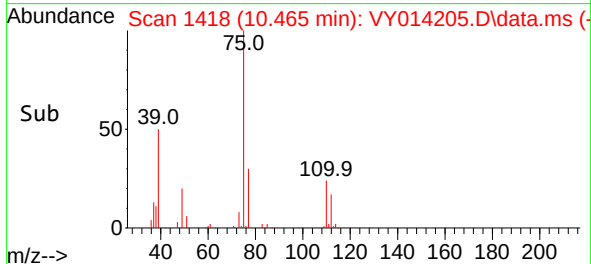
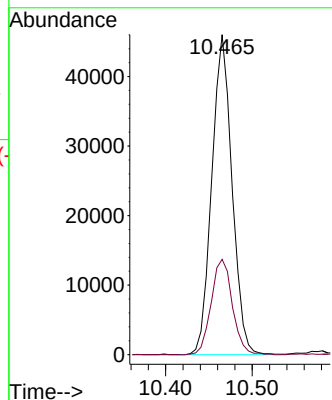
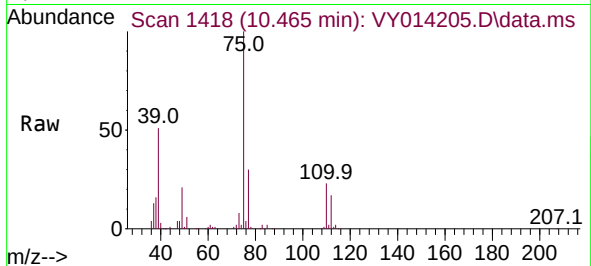
#53
 t-1,3-Dichloropropene
 Concen: 20.136 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tgt Ion: 75 Resp: 74629
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.4

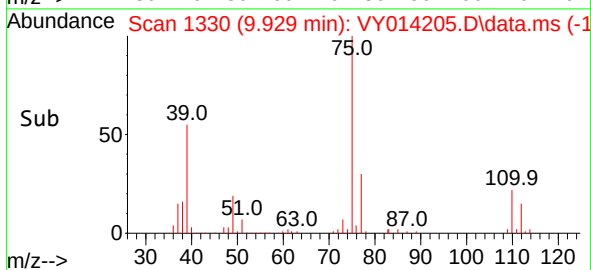
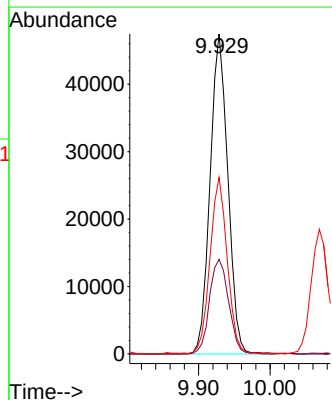
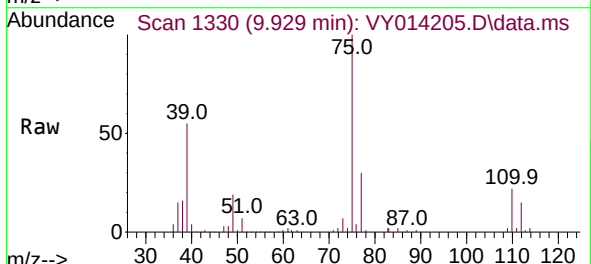
Manual Integrations
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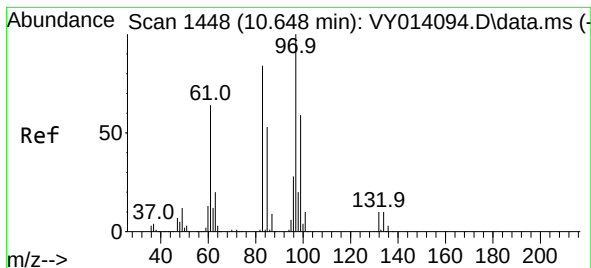
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.216 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

Tgt Ion: 75 Resp: 81747
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.2 36.4
 39 55.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.341 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion: 97 Resp: 4056

Ion Ratio Lower Upper

97 100

83 89.6 72.0 108.0

85 56.8 45.4 68.0

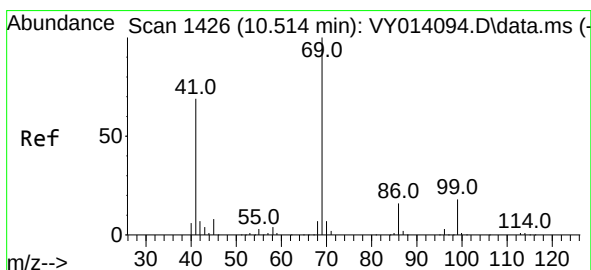
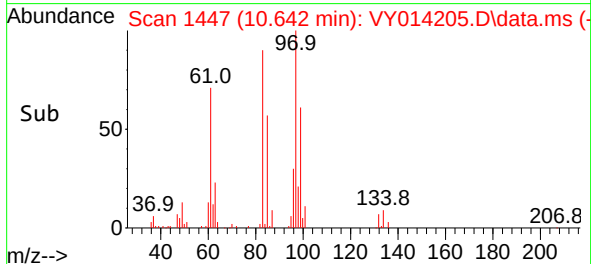
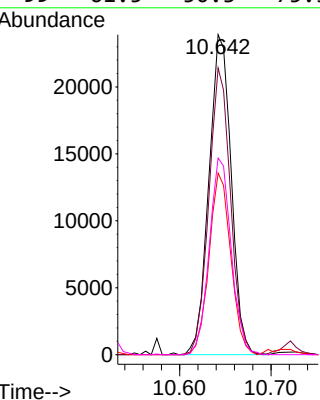
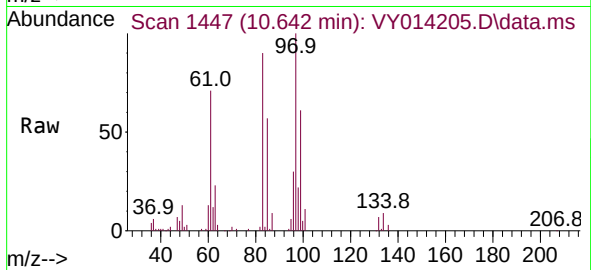
99 61.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#56

Ethyl methacrylate

Concen: 18.725 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

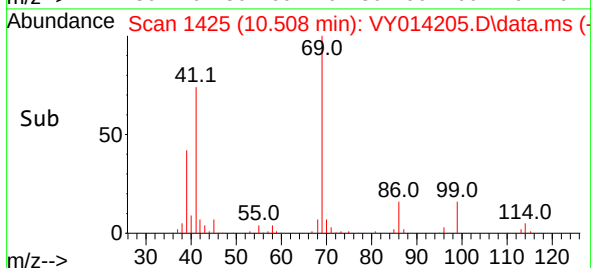
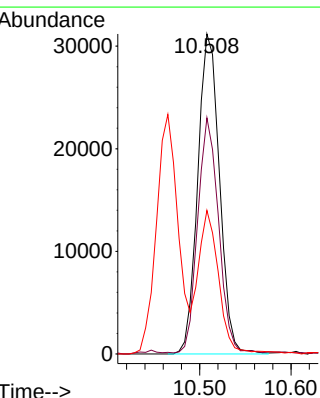
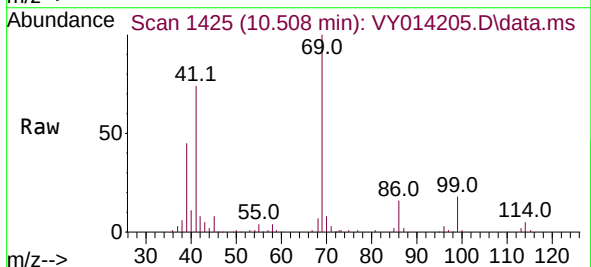
Tgt Ion: 69 Resp: 51510

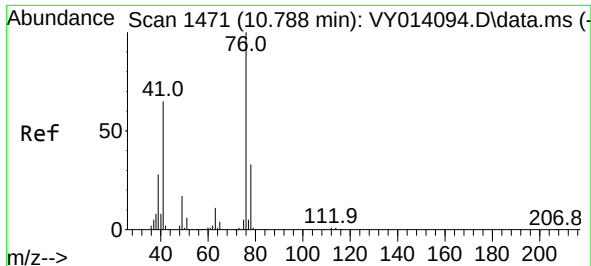
Ion Ratio Lower Upper

69 100

41 70.3 57.6 86.4

39 42.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.138 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion: 76 Resp: 68690

Ion Ratio Lower Upper

76 100

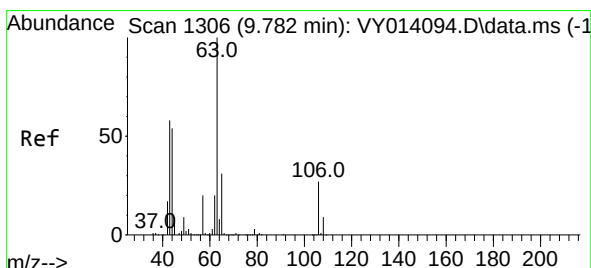
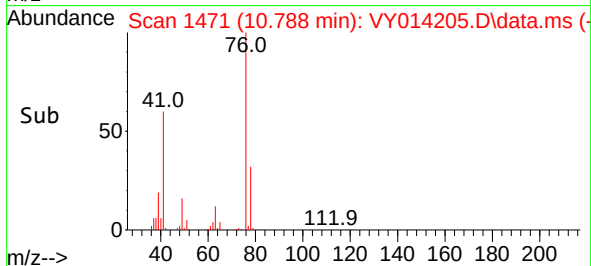
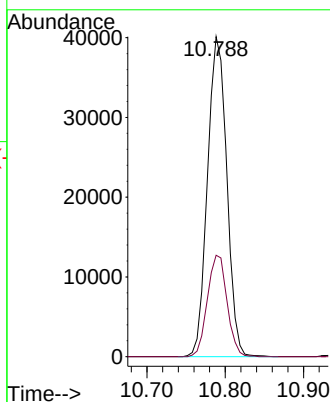
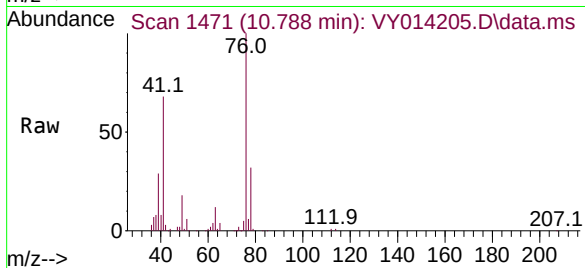
78 32.3 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 76.820 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014205.D

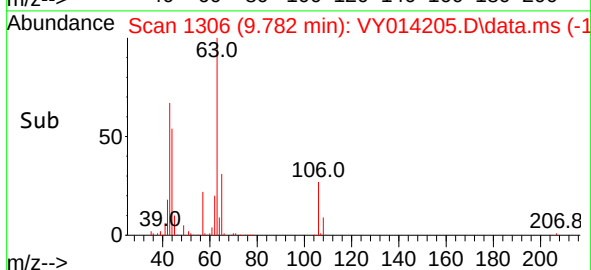
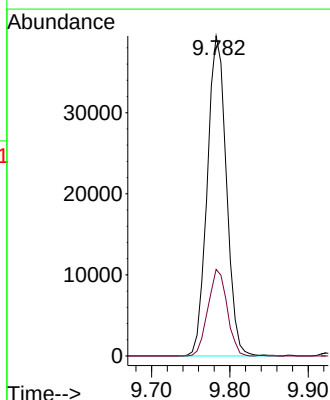
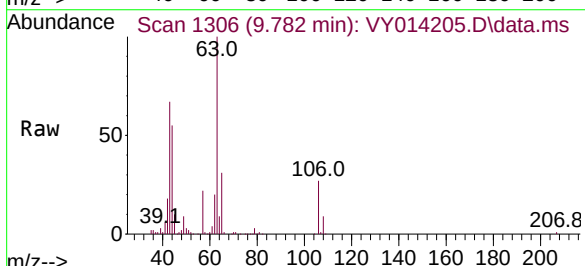
Acq: 16 Jun 2023 15:59

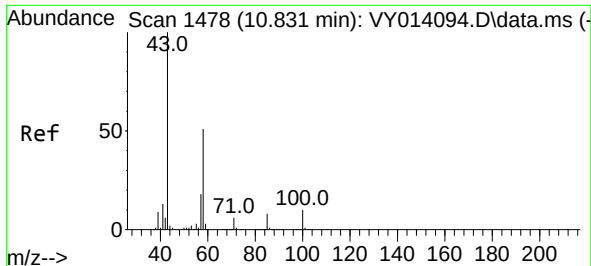
Tgt Ion: 63 Resp: 66908

Ion Ratio Lower Upper

63 100

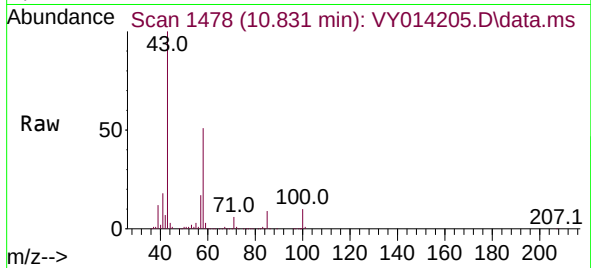
106 27.0 21.2 31.8





#59
2-Hexanone
Concen: 92.140 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

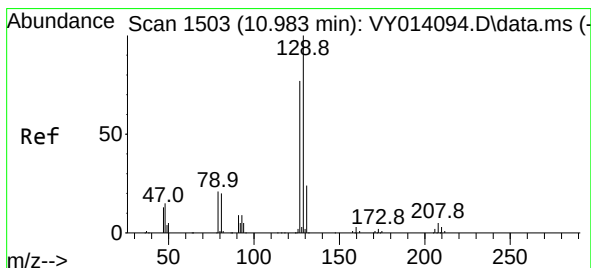
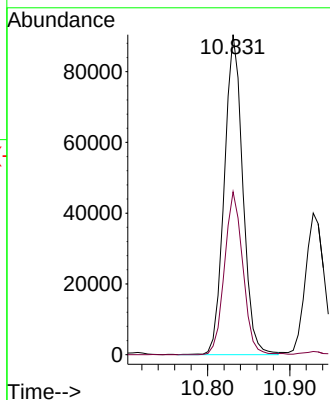
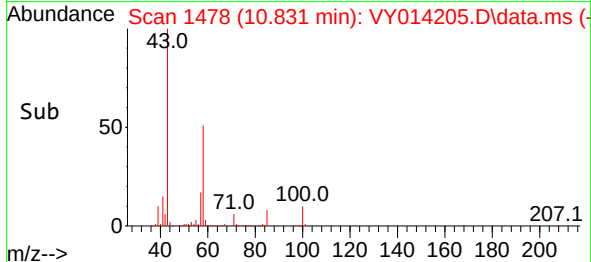
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01



Tgt Ion: 43 Resp: 141400
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3

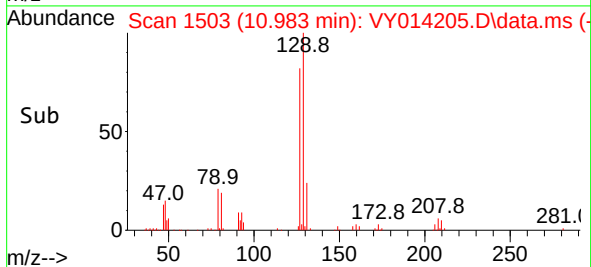
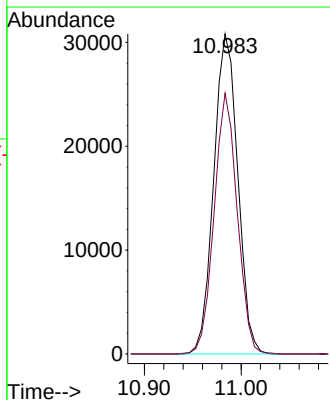
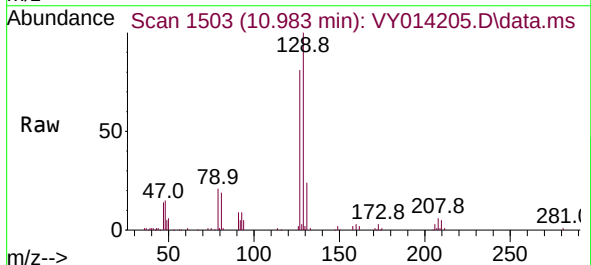
Manual Integrations
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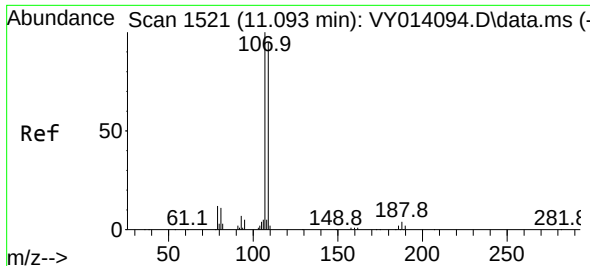
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 20.791 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

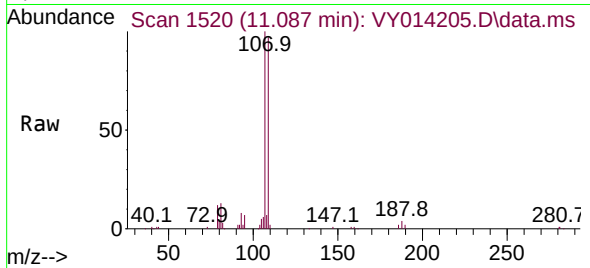
Tgt Ion:129 Resp: 53070
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.745 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

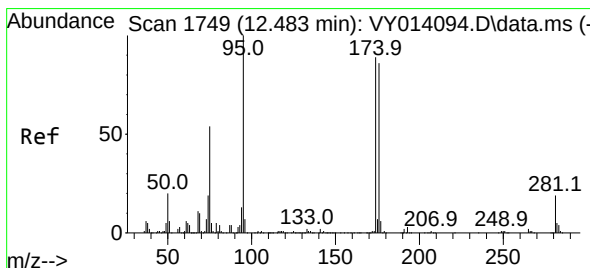
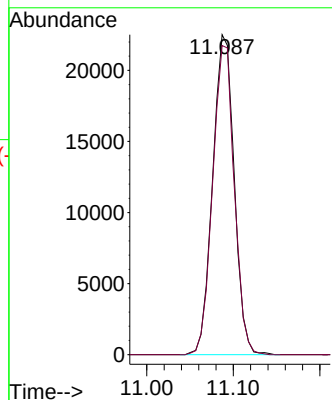
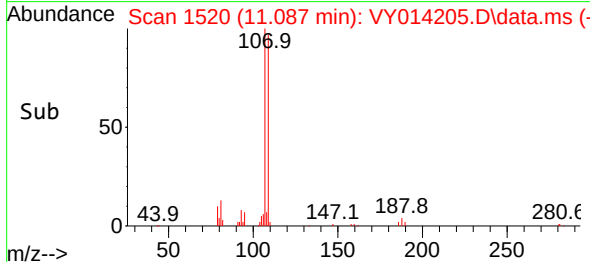
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



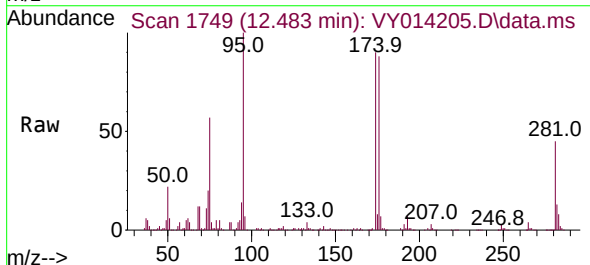
Tgt Ion:107 Resp: 38864
Ion Ratio Lower Upper
107 100
109 97.0 75.6 113.4

Manual Integrations
APPROVED

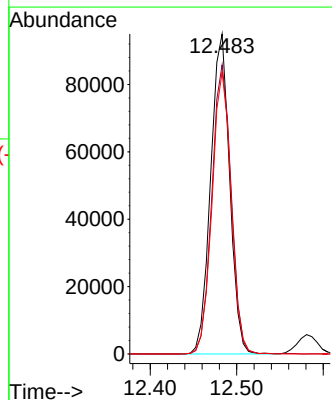
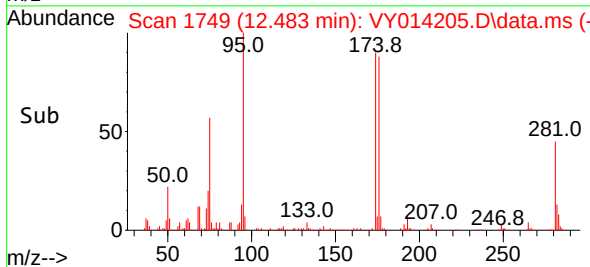
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

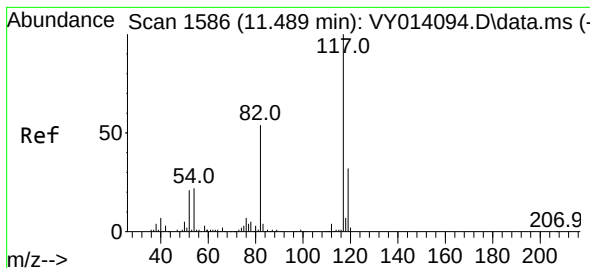


#62
4-Bromofluorobenzene
Concen: 52.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



Tgt Ion: 95 Resp: 144605
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 88.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion:117 Resp: 279919

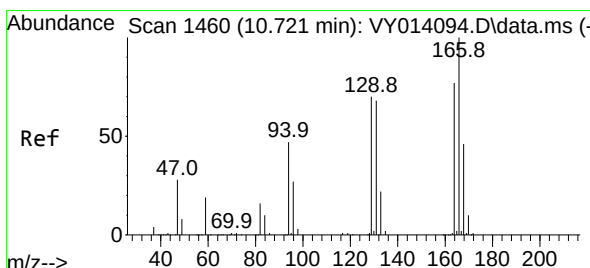
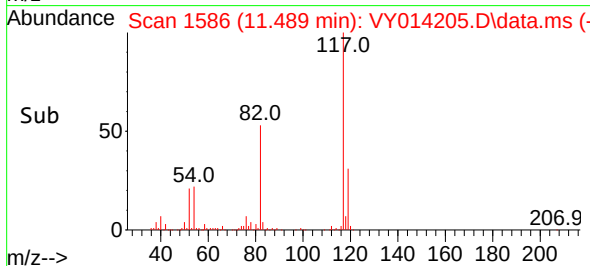
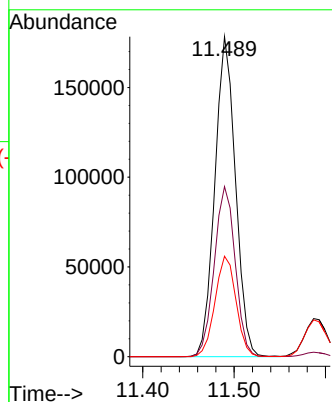
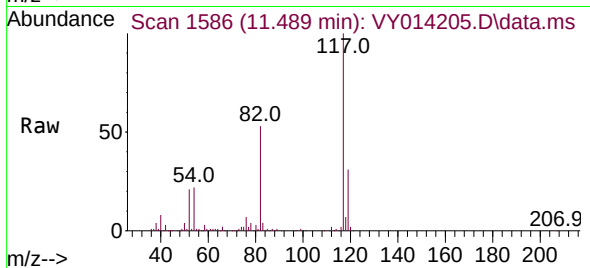
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	31.4	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#64

Tetrachloroethene

Concen: 20.197 ug/l

RT: 10.721 min Scan# 1460

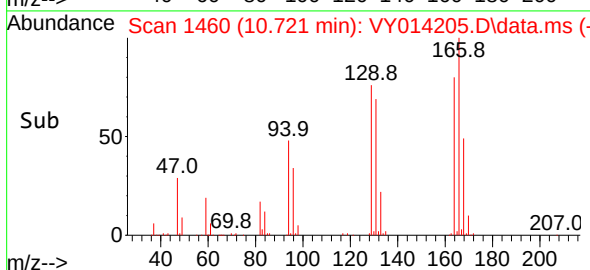
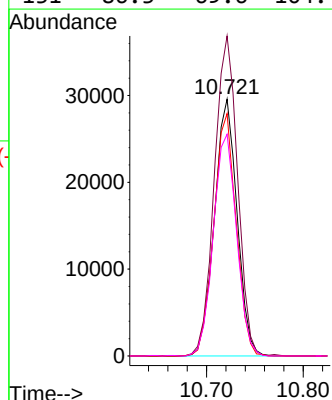
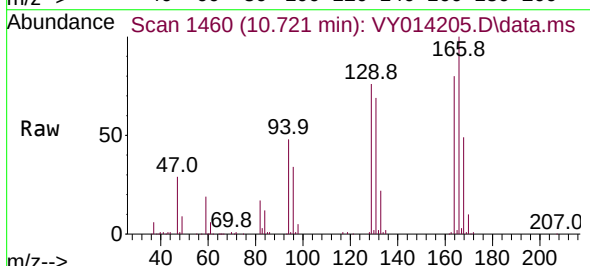
Delta R.T. 0.000 min

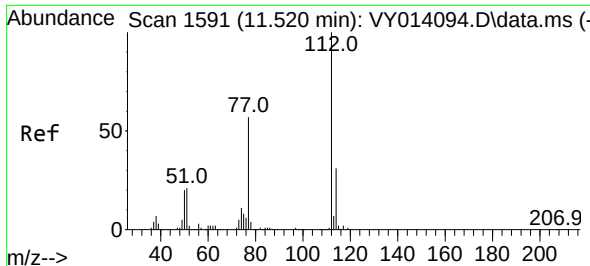
Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:164 Resp: 48189

Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.0	154.6
129	94.3	77.2	115.8
131	86.3	69.6	104.4





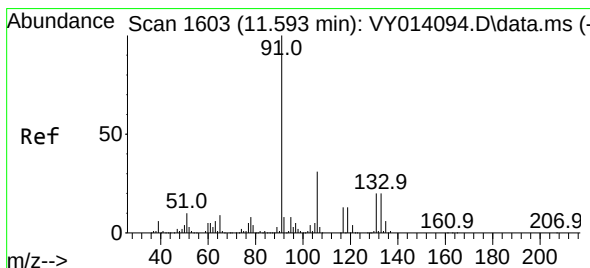
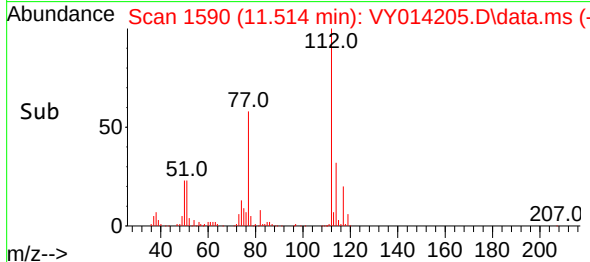
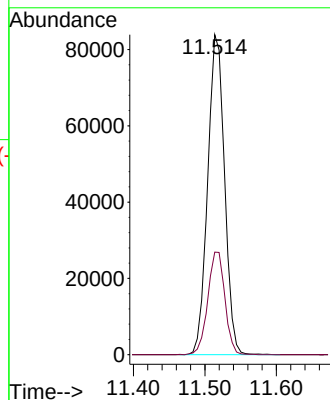
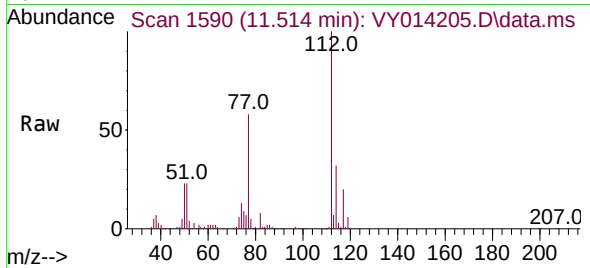
#65
Chlorobenzene
Concen: 20.443 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Tgt Ion:112 Resp: 13750
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

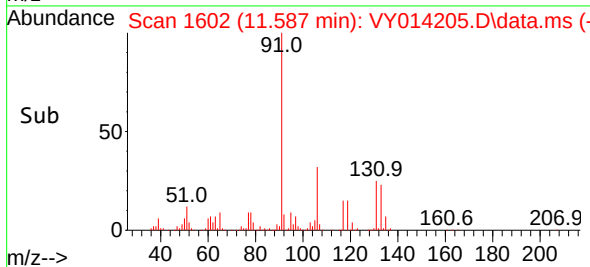
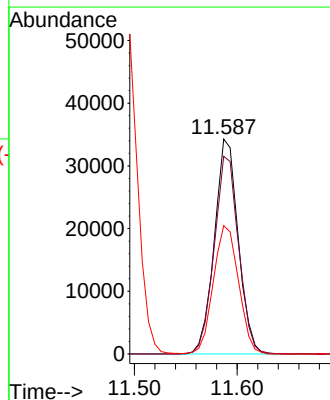
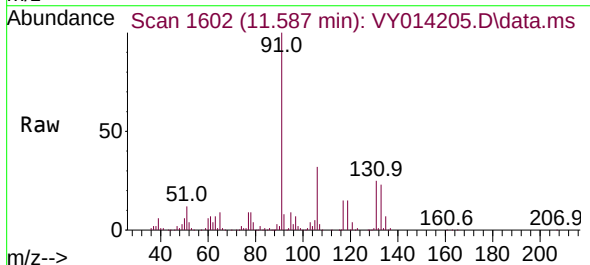
Manual Integrations
APPROVED

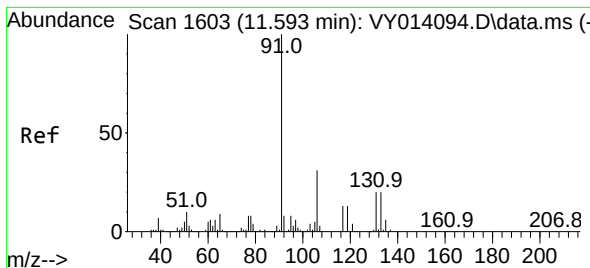
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.819 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:131 Resp: 55077
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 63.2 31.6 94.7





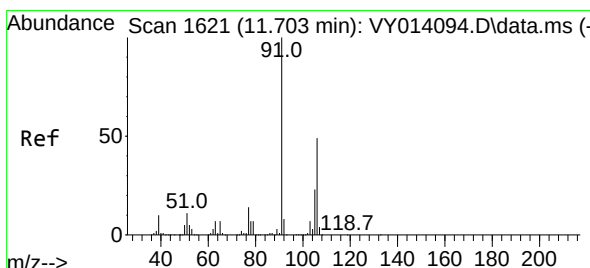
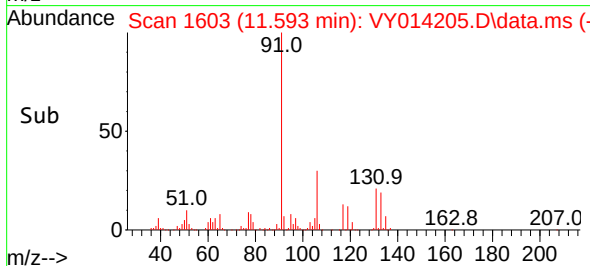
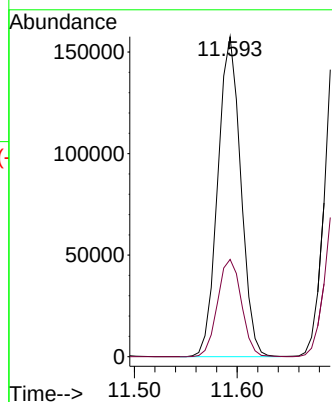
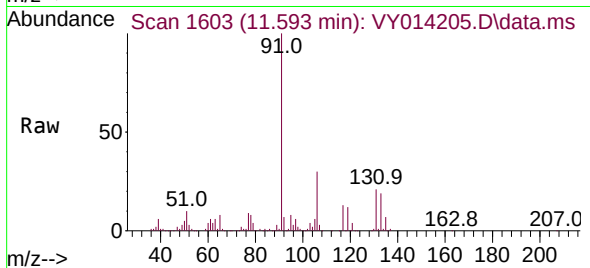
#67
Ethyl Benzene
Concen: 20.772 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Tgt Ion: 91 Resp: 244552
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

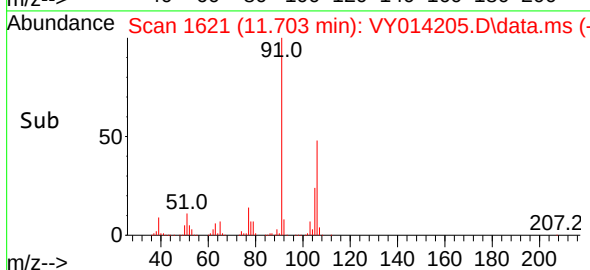
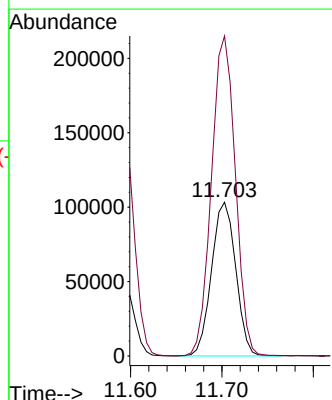
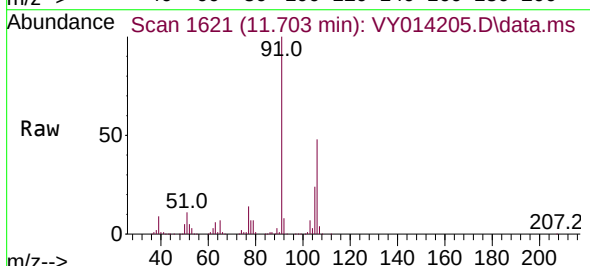
Manual Integrations
APPROVED

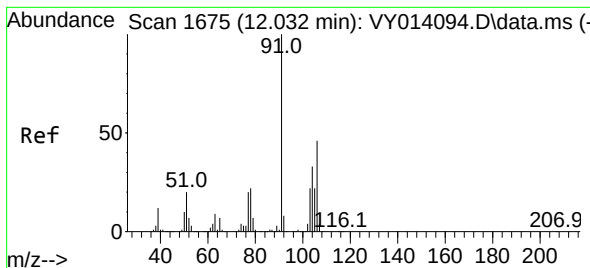
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 41.973 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:106 Resp: 190073
Ion Ratio Lower Upper
106 100
91 205.6 166.1 249.1





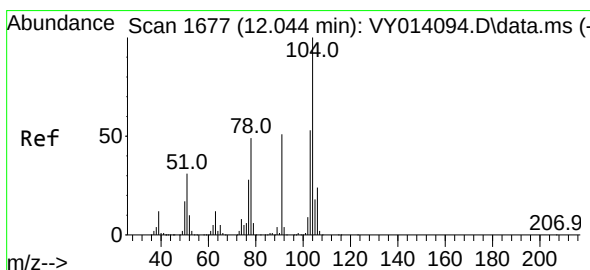
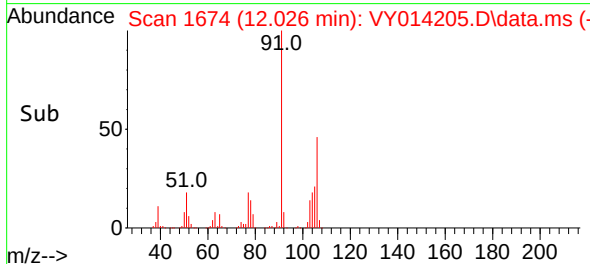
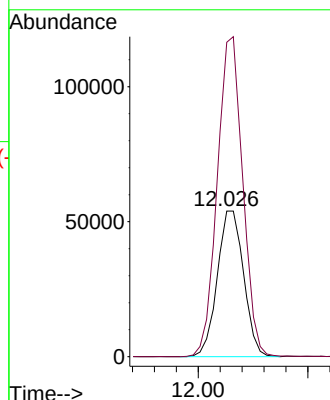
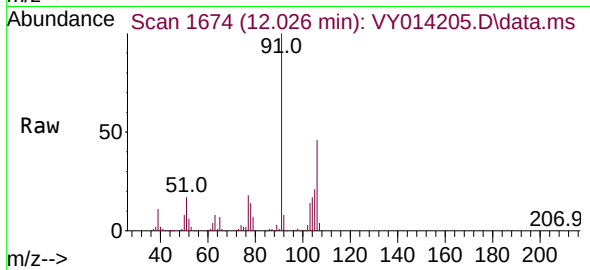
#69
o-Xylene
Concen: 21.004 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:106 Resp: 89928
Ion Ratio Lower Upper
106 100
91 212.8 108.1 324.3

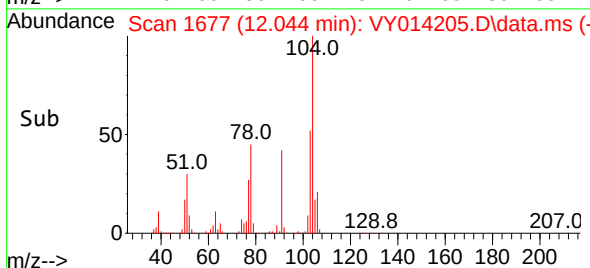
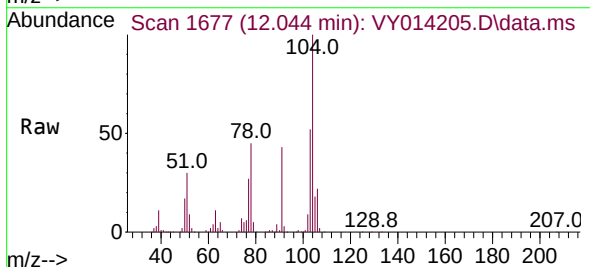
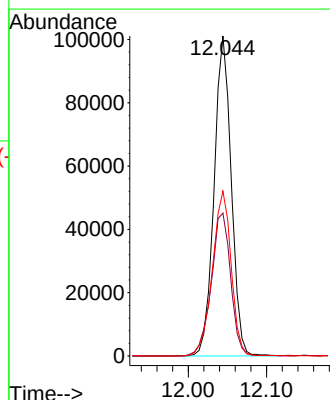
Manual Integrations
APPROVED

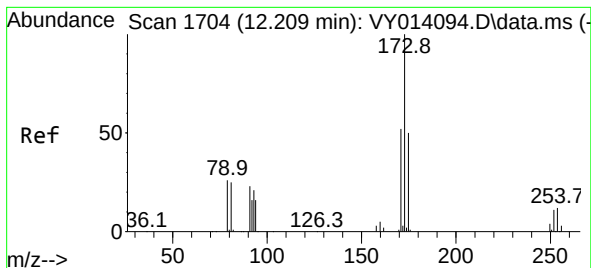
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 21.078 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion:104 Resp: 154019
Ion Ratio Lower Upper
104 100
78 50.5 41.5 62.3
103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.651 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

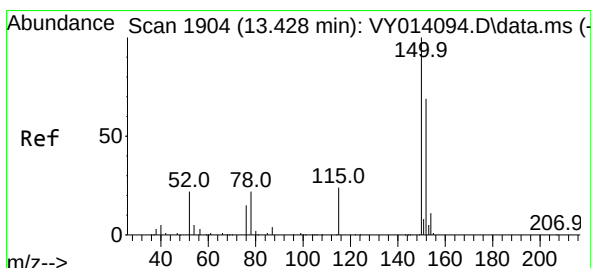
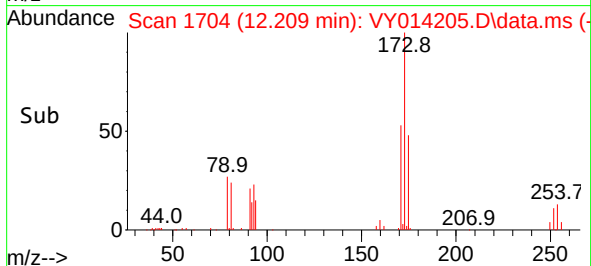
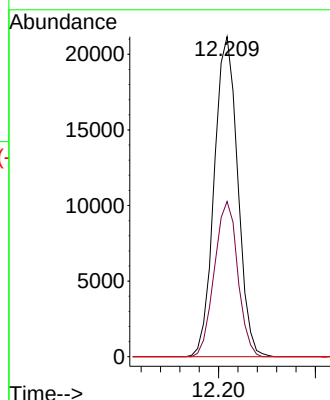
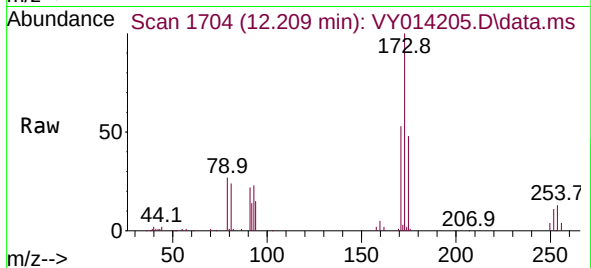
Tgt Ion:	173	Resp:	3560
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

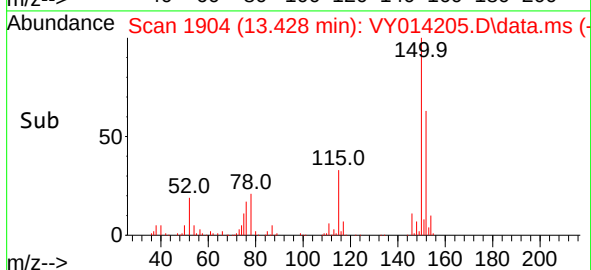
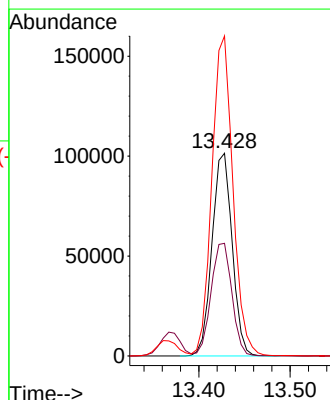
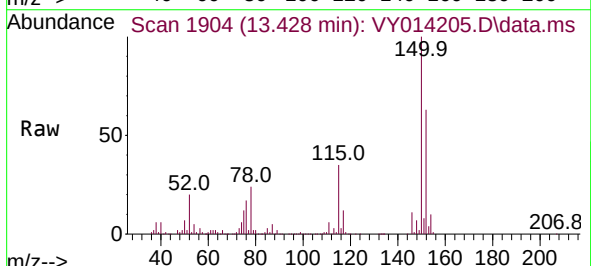
RT: 13.428 min Scan# 1904

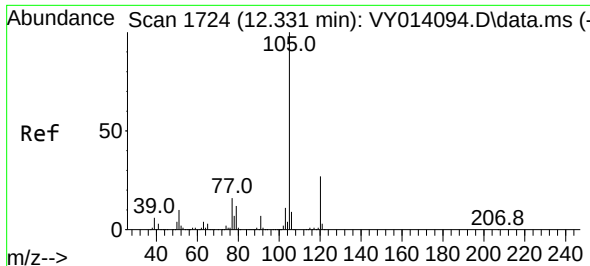
Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

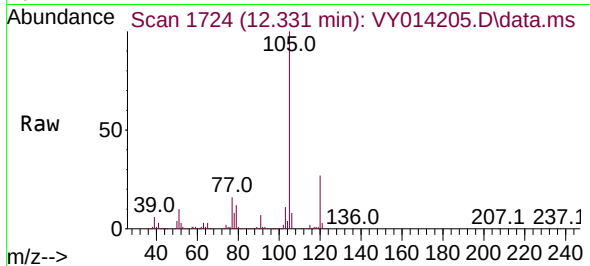
Tgt Ion:	152	Resp:	155612
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.8	86.5
150	163.9	0.0	348.8





#73
Isopropylbenzene
Concen: 19.857 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

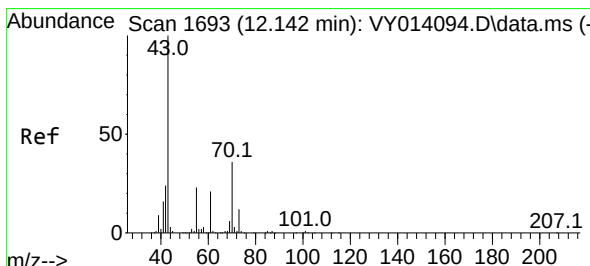
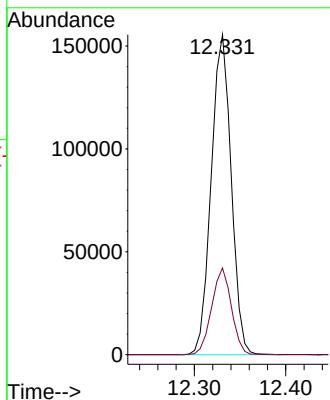
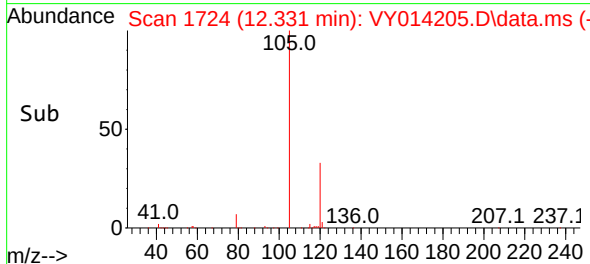
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



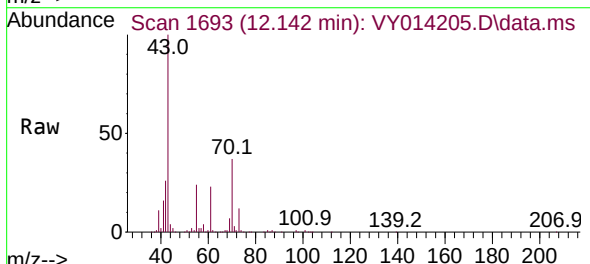
Tgt Ion:105 Resp: 235720
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

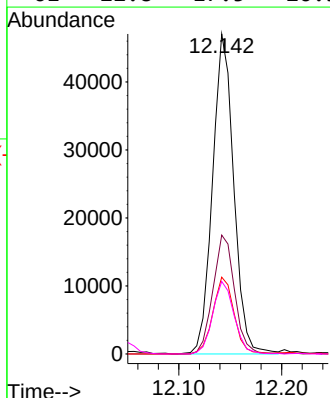
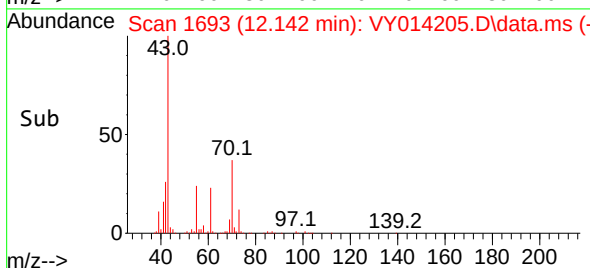
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

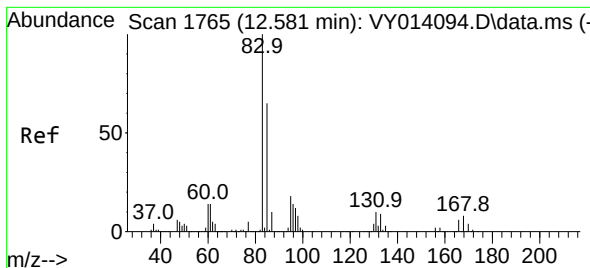


#74
N-ethyl acetate
Concen: 17.945 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



Tgt Ion: 43 Resp: 67506
Ion Ratio Lower Upper
43 100
70 37.8 29.7 44.5
55 23.9 18.3 27.5
61 22.8 17.5 26.3





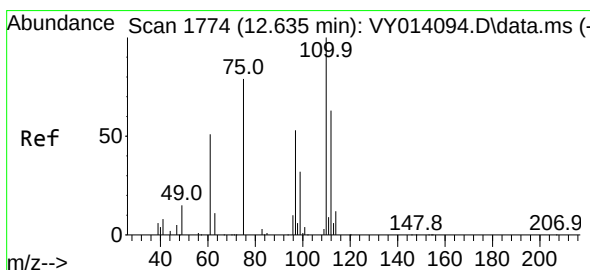
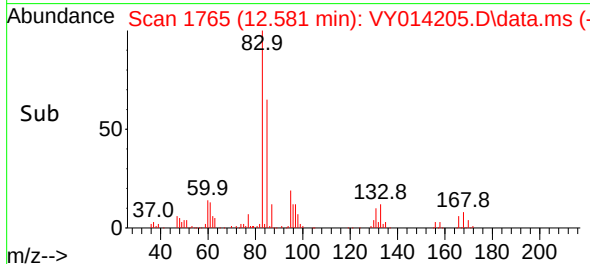
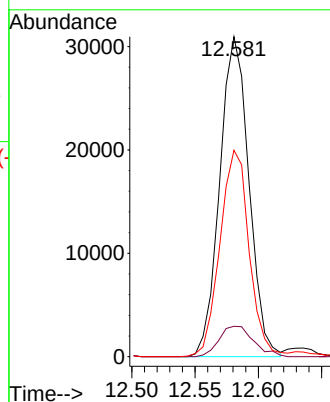
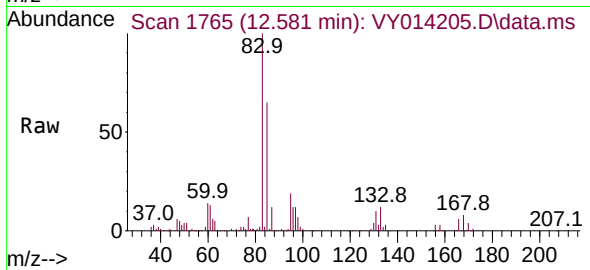
#75
1,1,2,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 83 Resp: 49590
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.6 31.8 95.4

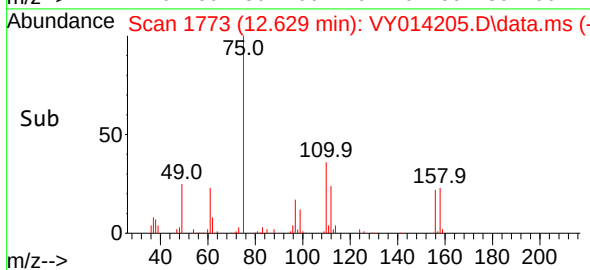
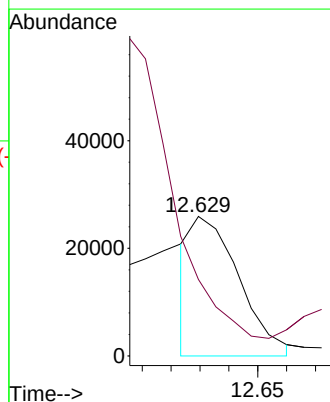
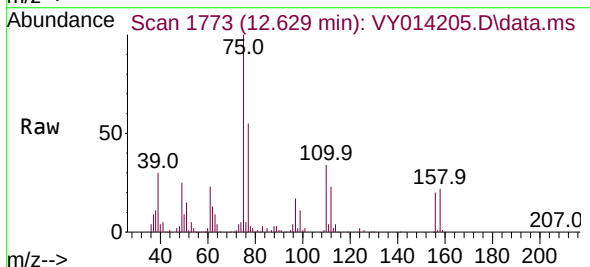
Manual Integrations
APPROVED

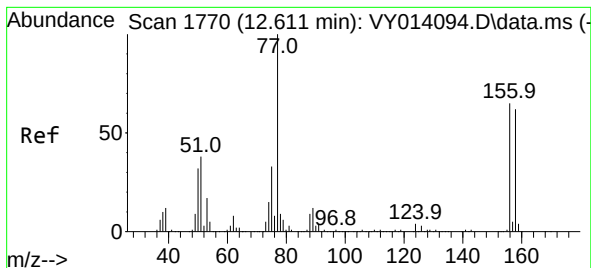
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#76
1,2,3-Trichloropropane
Concen: 14.671 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 75 Resp: 29953
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.435 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

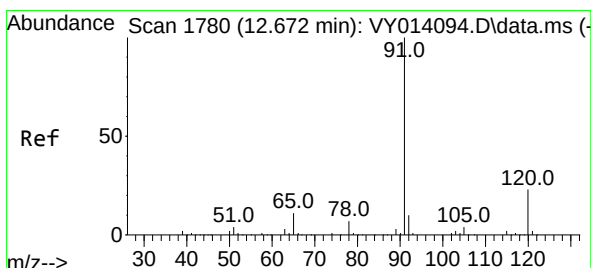
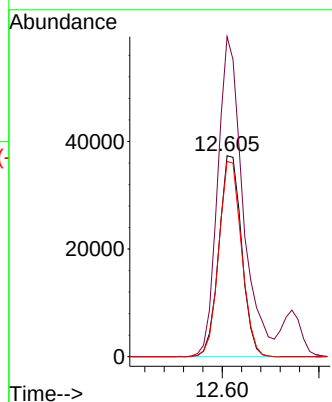
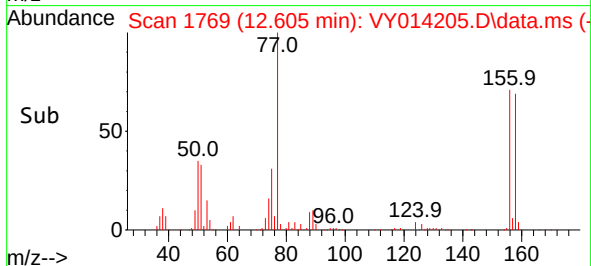
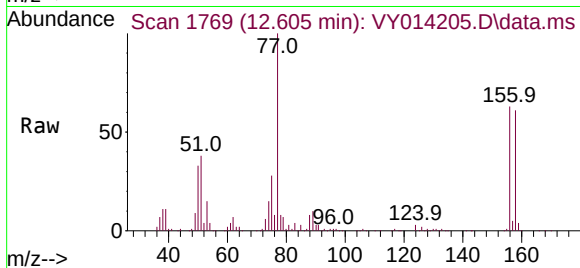
Tgt Ion:156 Resp: 60638
 Ion Ratio Lower Upper
 156 100
 77 177.6 92.8 278.6
 158 97.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 20.072 ug/l

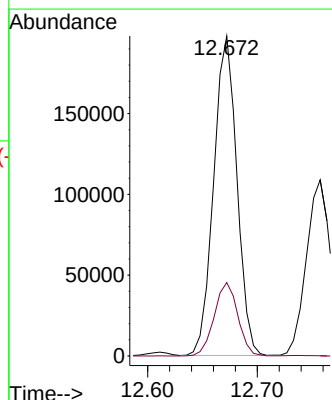
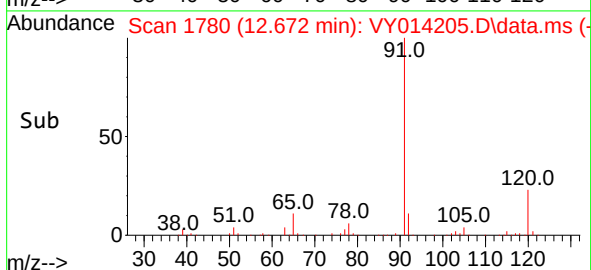
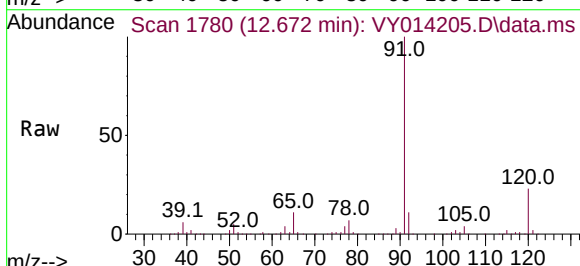
RT: 12.672 min Scan# 1780

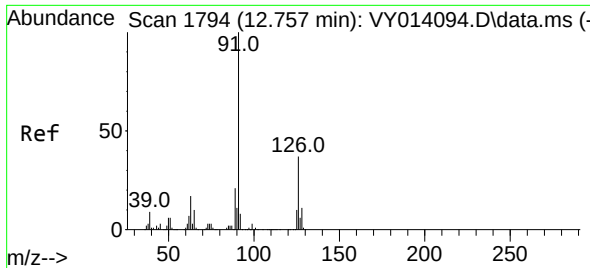
Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

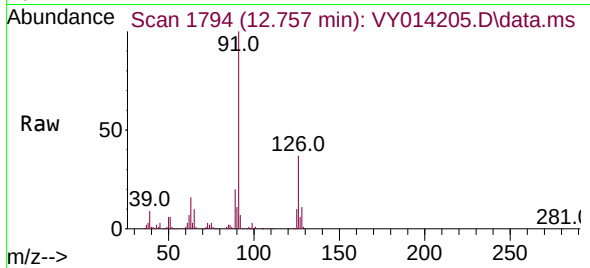
Tgt Ion: 91 Resp: 291032
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.182 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

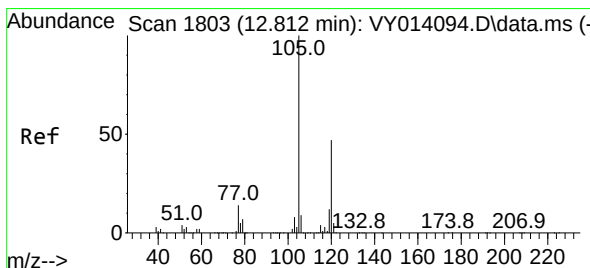
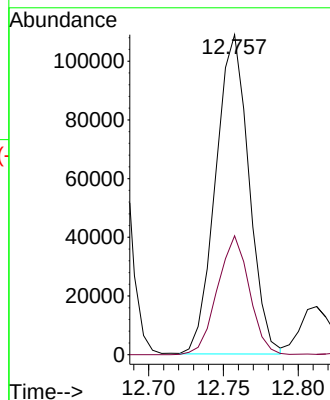
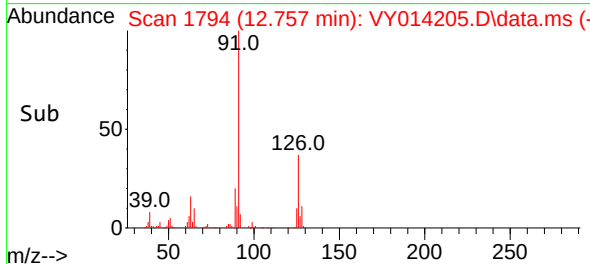
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



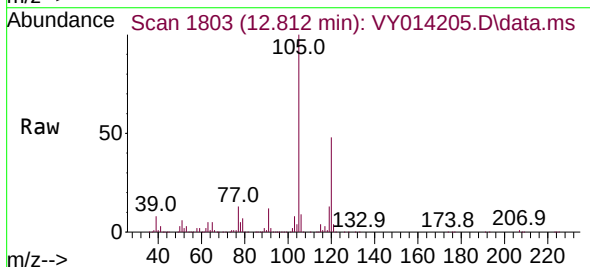
Tgt Ion: 91 Resp: 168374
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7

Manual Integrations
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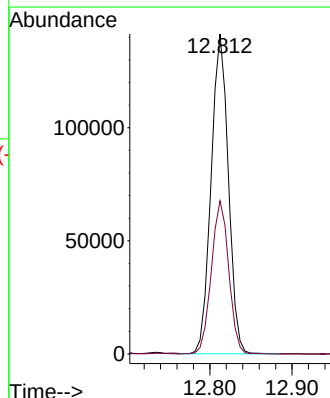
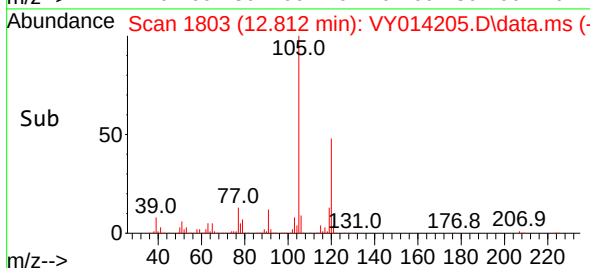
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

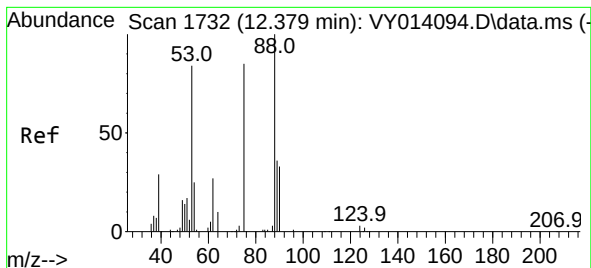


#80
1,3,5-Trimethylbenzene
Concen: 20.245 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



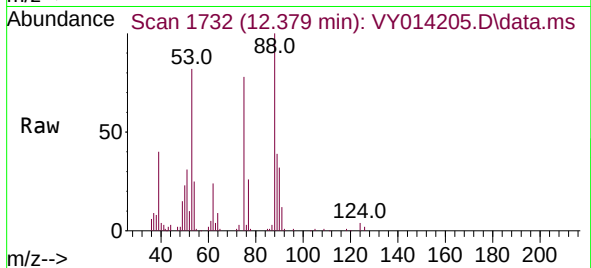
Tgt Ion:105 Resp: 205782
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.285 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

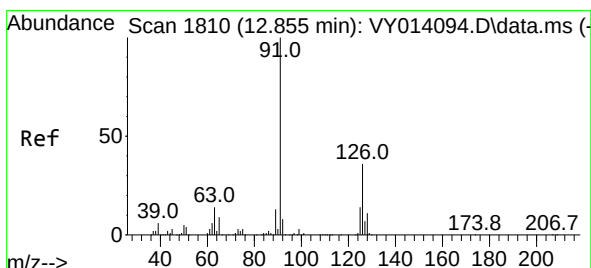
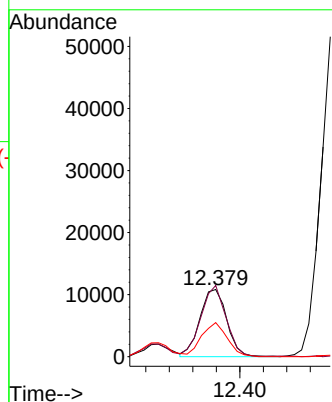
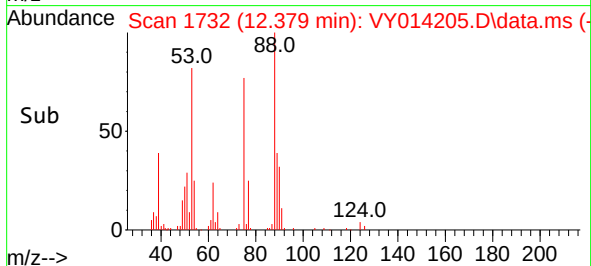
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01



Tgt Ion: 75 Resp: 17270
Ion Ratio Lower Upper
75 100
53 98.1 77.8 116.8
89 47.7 37.4 56.0

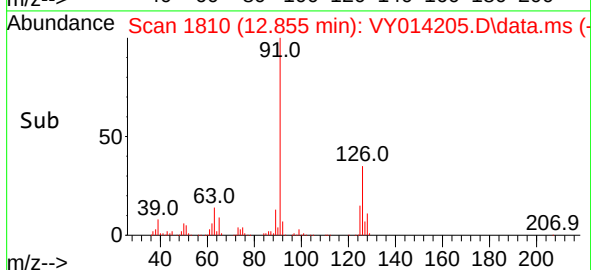
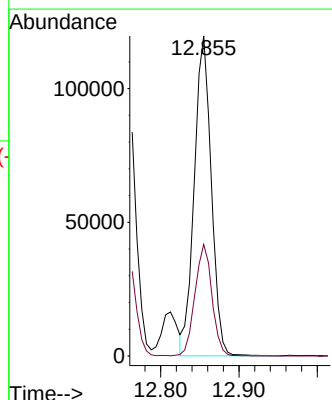
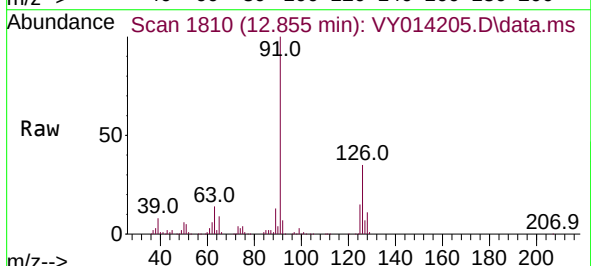
Manual Integrations
APPROVED

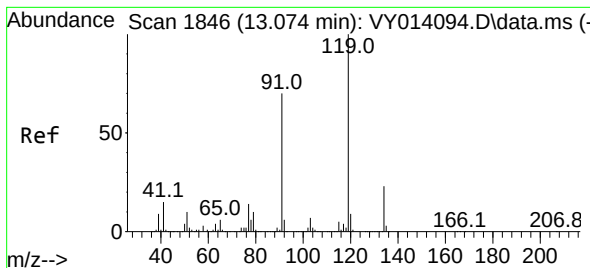
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 20.434 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

Tgt Ion: 91 Resp: 180655
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.573 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

Tgt Ion:119 Resp: 169068

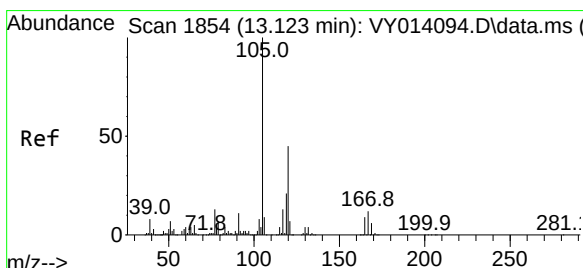
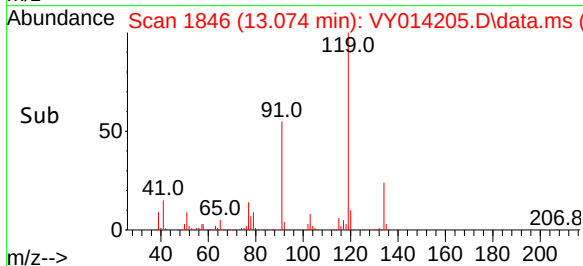
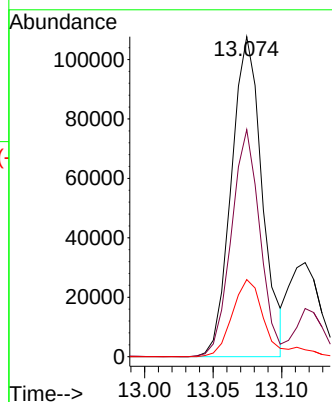
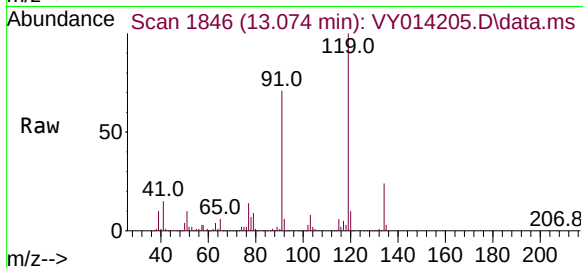
Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.9	98.6
134	26.0	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.215 ug/l

RT: 13.117 min Scan# 1853

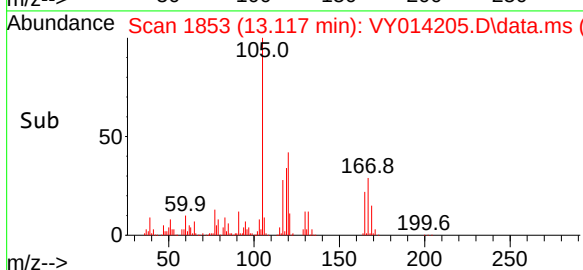
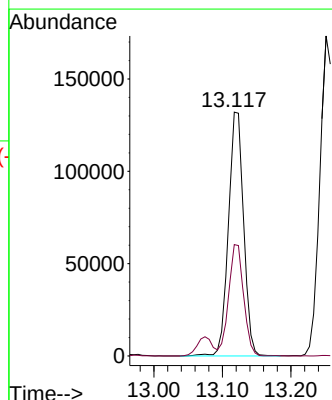
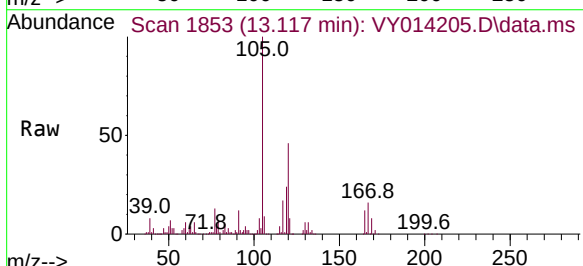
Delta R.T. -0.006 min

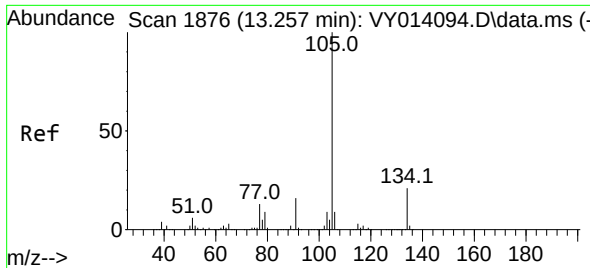
Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:105 Resp: 203400

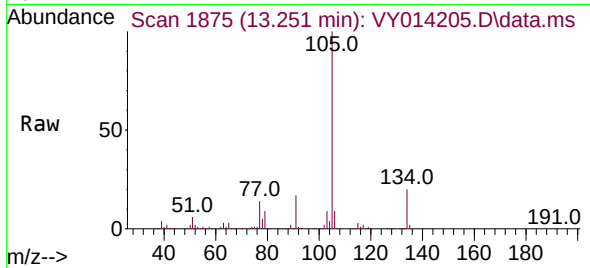
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 20.324 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

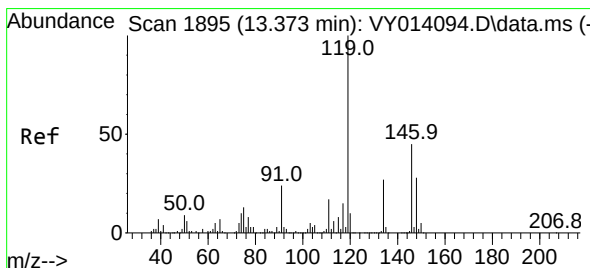
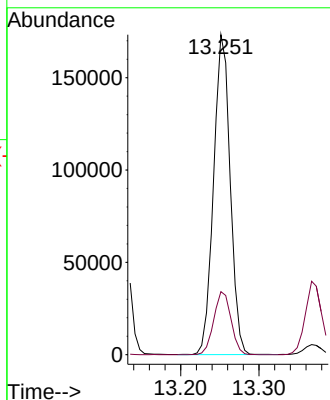
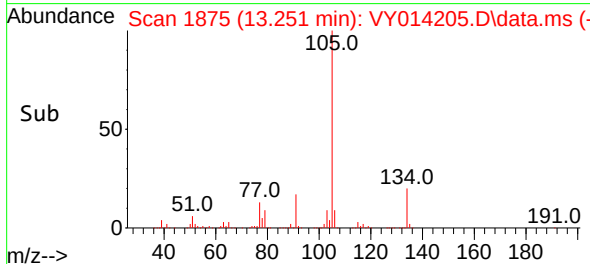
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBSD01



Tgt Ion:105 Resp: 25523
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

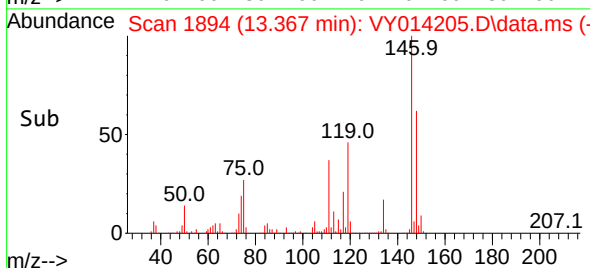
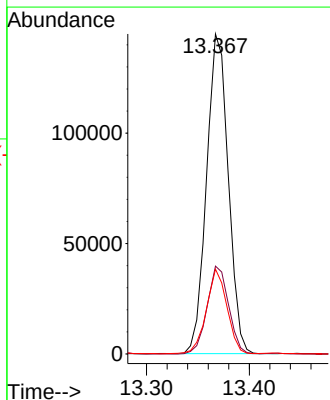
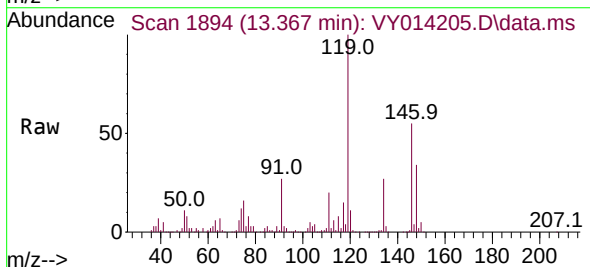
Manual Integrations
 APPROVED

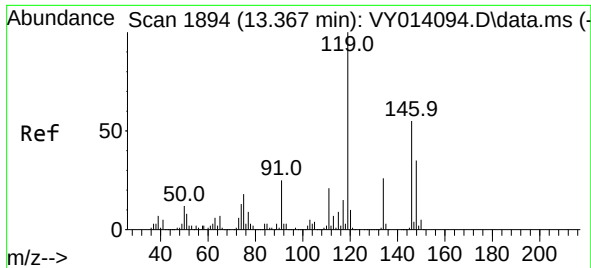
Reviewed By :John Carlone 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 19.802 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014205.D
 Acq: 16 Jun 2023 15:59

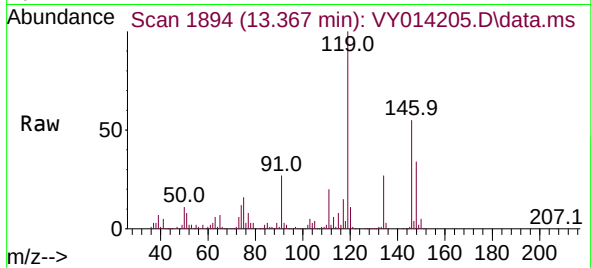
Tgt Ion:119 Resp: 212826
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 25.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.149 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

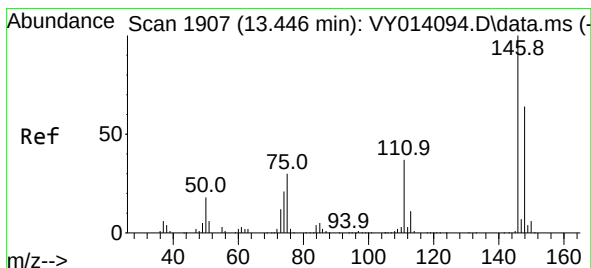
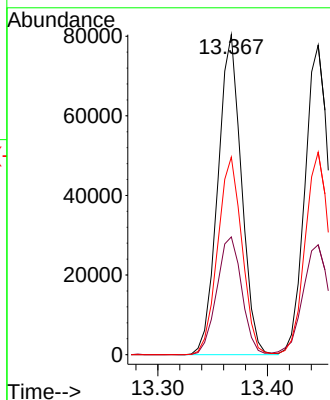
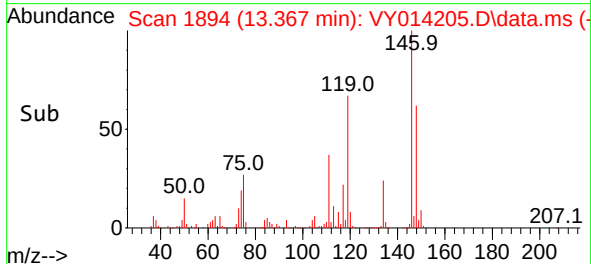
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



Tgt Ion:146 Resp: 12003
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.6 31.9 95.5

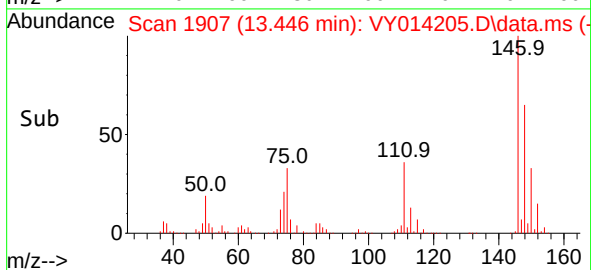
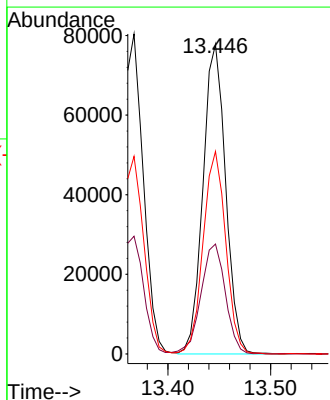
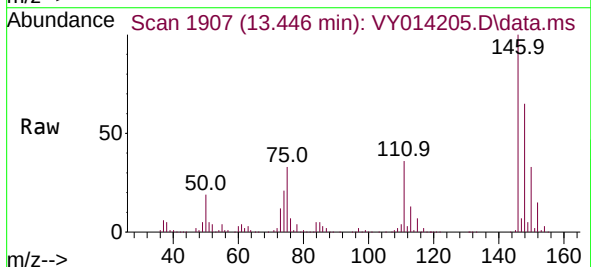
Manual Integrations
APPROVED

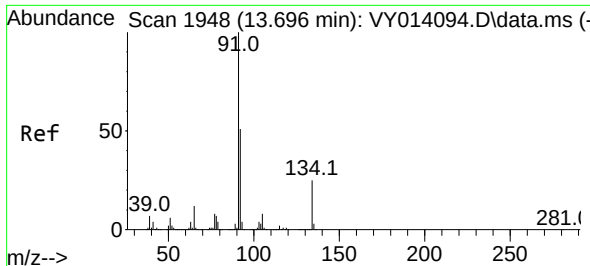
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#88
1,4-Dichlorobenzene
Concen: 19.898 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

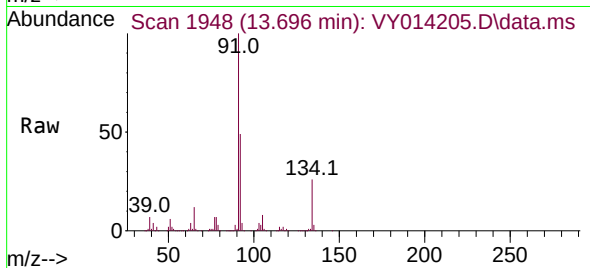
Tgt Ion:146 Resp: 119431
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.7
148 65.3 32.1 96.5





#89
n-Butylbenzene
Concen: 20.103 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

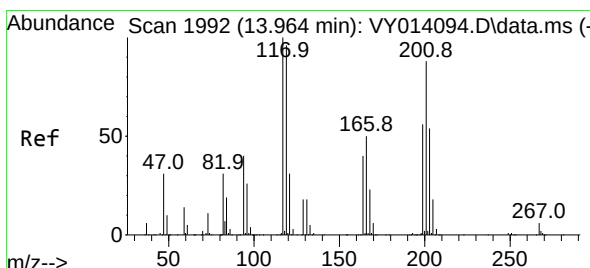
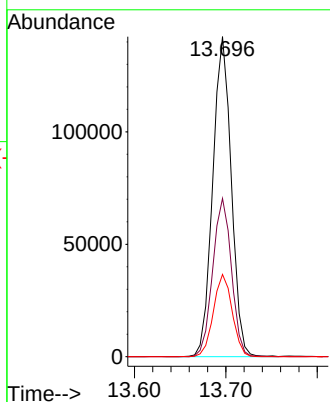
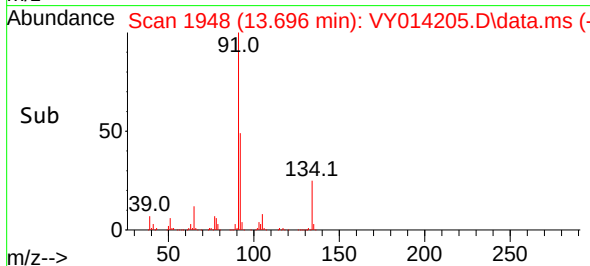
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01



Tgt Ion: 91 Resp: 200390
Ion Ratio Lower Upper
91 100
92 50.0 25.4 76.0
134 26.1 12.6 37.6

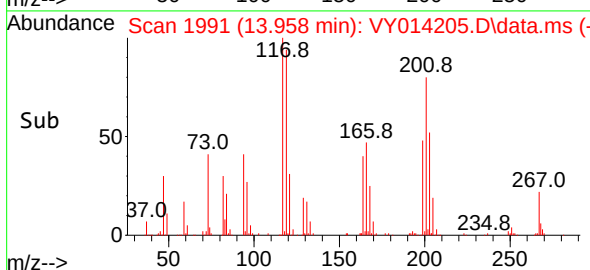
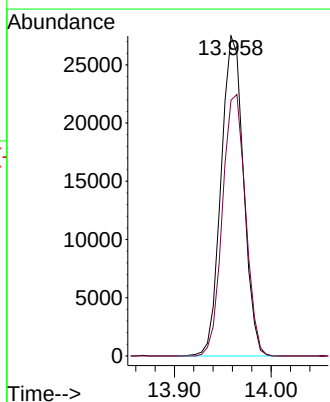
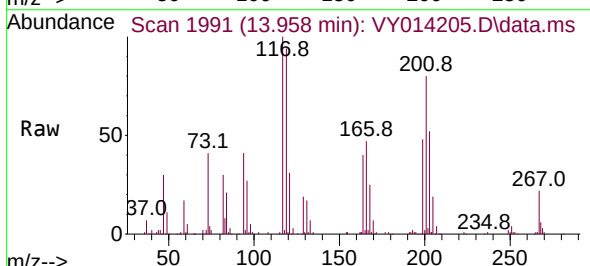
Manual Integrations
APPROVED

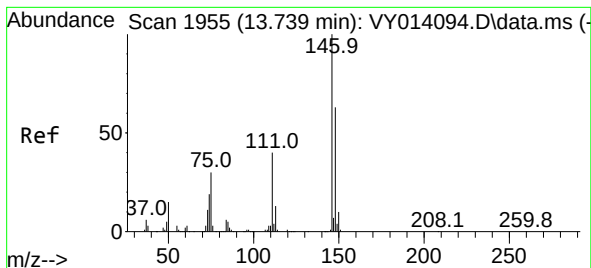
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 20.641 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

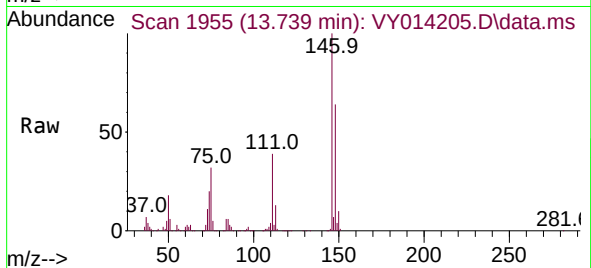
Tgt Ion:117 Resp: 44205
Ion Ratio Lower Upper
117 100
201 83.8 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 20.155 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59

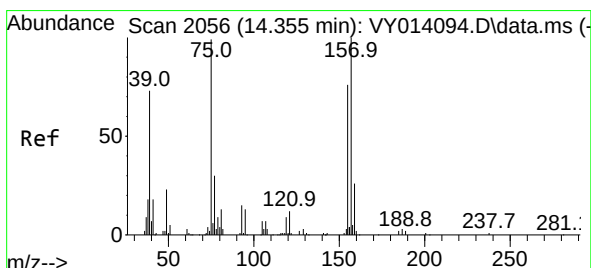
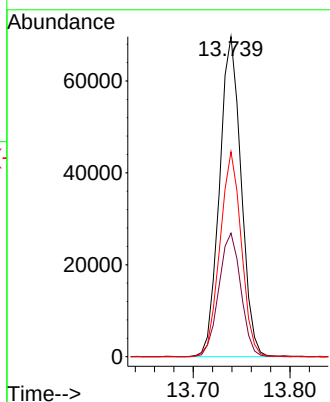
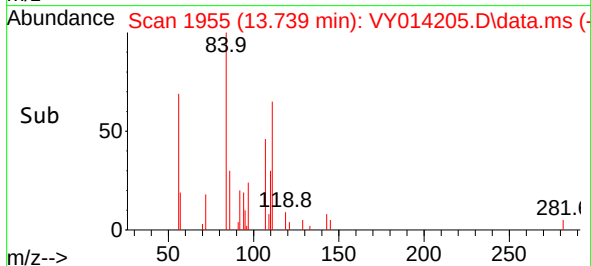
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01



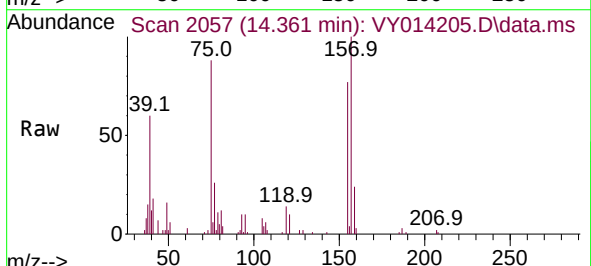
Tgt Ion:146 Resp: 10783
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 63.4 32.0 96.2

Manual Integrations
APPROVED

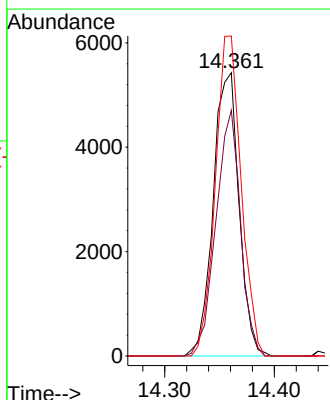
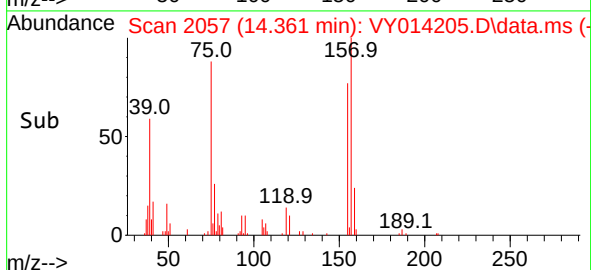
Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

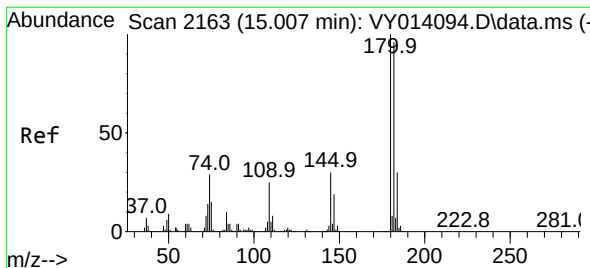


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.596 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY014205.D
Acq: 16 Jun 2023 15:59



Tgt Ion: 75 Resp: 8888
Ion Ratio Lower Upper
75 100
155 82.4 41.5 124.6
157 112.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.650 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014205.D

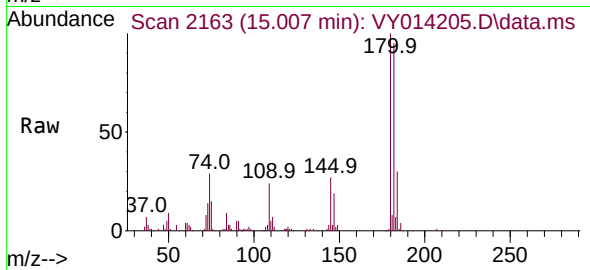
Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01



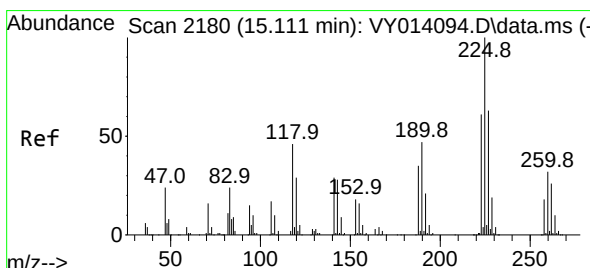
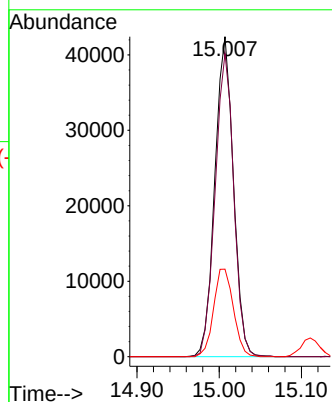
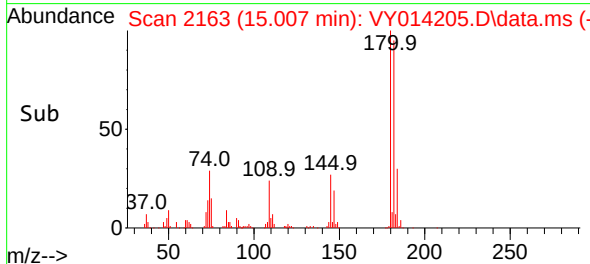
Tgt Ion:180	Resp:	6660
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.0 141.2
145	29.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 20.532 ug/l

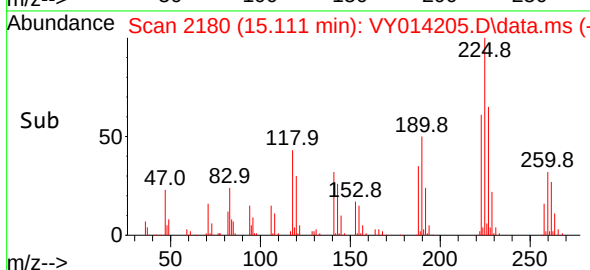
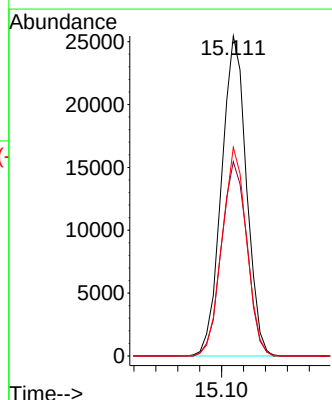
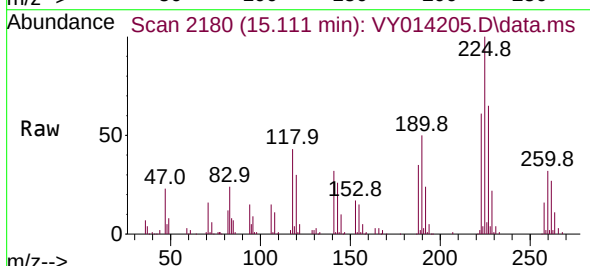
RT: 15.111 min Scan# 2180

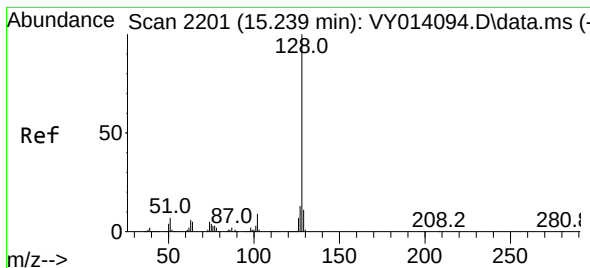
Delta R.T. -0.000 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:225	Resp:	40177
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.9 95.9
227	64.1	33.0 98.9





#95

Naphthalene

Concen: 17.644 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

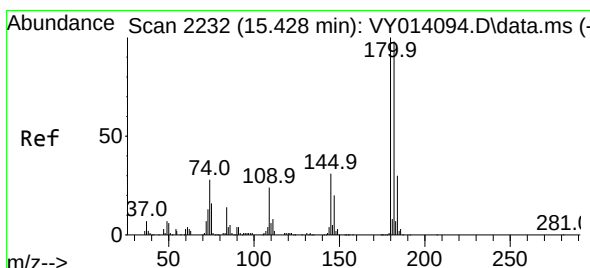
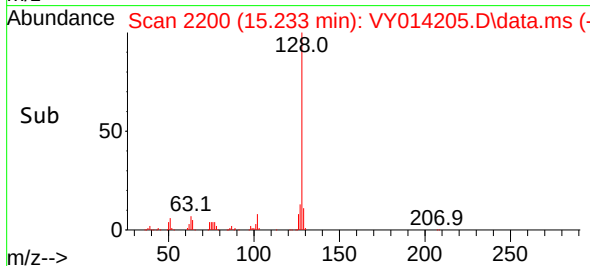
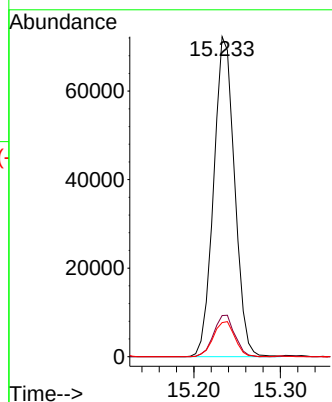
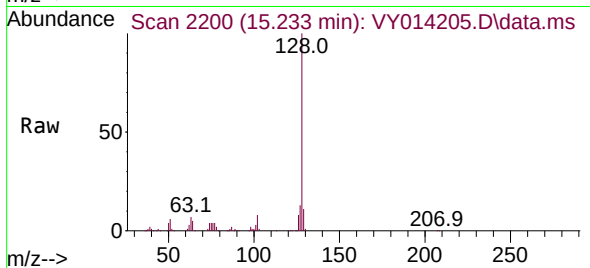
Tgt Ion:128	Resp:	12138
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.3	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.008 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014205.D

Acq: 16 Jun 2023 15:59

Tgt Ion:180	Resp:	58215
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.8
145	31.6	15.4 46.2

