

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012739.D
 Acq On : 27 Feb 2023 17:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:23:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	108525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57302	44.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.420%		
35) Dibromofluoromethane	7.716	113	54181	48.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.179	98	203129	48.409	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.483	95	65681	48.914	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48076	43.089	ug/l	97
3) Chloromethane	2.113	50	54930	40.598	ug/l	99
4) Vinyl Chloride	2.253	62	53438	43.346	ug/l	99
5) Bromomethane	2.650	94	32834	48.631	ug/l	96
6) Chloroethane	2.796	64	32856	41.867	ug/l	92
7) Trichlorofluoromethane	3.125	101	92251	46.422	ug/l	97
8) Diethyl Ether	3.534	74	33063	46.471	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	57211	48.175	ug/l	99
10) Methyl Iodide	4.088	142	73499	47.267	ug/l	98
11) Tert butyl alcohol	4.954	59	29199	208.257	ug/l	100
12) 1,1-Dichloroethene	3.875	96	53491	46.657	ug/l	98
13) Acrolein	3.729	56	36208	204.394	ug/l	99
14) Allyl chloride	4.479	41	99798	44.851	ug/l	98
15) Acrylonitrile	5.161	53	88050	232.620	ug/l	99
16) Acetone	3.942	43	99261	237.333	ug/l	95
17) Carbon Disulfide	4.192	76	160391	41.573	ug/l	99
18) Methyl Acetate	4.479	43	60871	45.180	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	146292	47.438	ug/l	99
20) Methylene Chloride	4.716	84	68401	52.727	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	58787	47.140	ug/l	96
22) Diisopropyl ether	6.119	45	194386	46.817	ug/l	98
23) Vinyl Acetate	6.058	43	594691	231.258	ug/l	99
24) 1,1-Dichloroethane	6.015	63	106775	46.377	ug/l	99
25) 2-Butanone	6.984	43	125481	226.053	ug/l	96
26) 2,2-Dichloropropane	6.984	77	93553	46.582	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	66364	48.637	ug/l	97
28) Bromochloromethane	7.332	49	43847	47.560	ug/l	90
29) Tetrahydrofuran	7.344	42	77834	229.670	ug/l	96
30) Chloroform	7.508	83	108681	48.717	ug/l	96
31) Cyclohexane	7.783	56	93536	42.005	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	96453	47.761	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80990	45.619	ug/l	98
37) Ethyl Acetate	7.070	43	51179	42.723	ug/l	99
38) Carbon Tetrachloride	7.899	117	88051	47.966	ug/l	98
39) Methylcyclohexane	9.185	83	98188	47.945	ug/l	97
40) Benzene	8.161	78	239279	48.284	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28340	48.573	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	72317	47.061	ug/l	100
43) Isopropyl Acetate	8.271	43	94265	45.537	ug/l	96
44) Trichloroethene	8.941	130	63978	49.934	ug/l	97
45) 1,2-Dichloropropane	9.216	63	61825	48.501	ug/l	96
46) Dibromomethane	9.307	93	34974	49.703	ug/l	97
47) Bromodichloromethane	9.496	83	84484	49.873	ug/l	97
48) Methyl methacrylate	9.289	41	44365	45.927	ug/l	97
49) 1,4-Dioxane	9.295	88	8880	827.689	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	261318	234.016	ug/l	97
52) Toluene	10.246	92	149167	50.802	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	87459	49.407	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	100048	49.948	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	49323	51.607	ug/l	95
56) Ethyl methacrylate	10.508	69	67028	51.353	ug/l	96
57) 1,3-Dichloropropane	10.788	76	84108	50.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	171304	248.062	ug/l	98
59) 2-Hexanone	10.831	43	190065	240.096	ug/l	97
60) Dibromochloromethane	10.983	129	60575	52.313	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46851	51.166	ug/l	100
64) Tetrachloroethene	10.721	164	52552	48.485	ug/l	98
65) Chlorobenzene	11.514	112	158561	49.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	60252	50.873	ug/l	99
67) Ethyl Benzene	11.593	91	285882	50.045	ug/l	99
68) m/p-Xylenes	11.703	106	221624	101.702	ug/l	97
69) o-Xylene	12.032	106	103361	51.210	ug/l	100
70) Styrene	12.044	104	176015	52.030	ug/l	99
71) Bromoform	12.209	173	38507	50.952	ug/l #	99
73) Isopropylbenzene	12.331	105	276332	49.823	ug/l	98
74) N-amyl acetate	12.142	43	82812	45.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	60940	48.867	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44697m	47.771	ug/l	
77) Bromobenzene	12.611	156	66063	49.711	ug/l	95
78) n-propylbenzene	12.672	91	341183	49.180	ug/l	100
79) 2-Chlorotoluene	12.758	91	186564	48.407	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	227791	49.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21491	48.660	ug/l	93
82) 4-Chlorotoluene	12.855	91	195749	48.971	ug/l	100
83) tert-Butylbenzene	13.075	119	197644	49.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	222674	49.166	ug/l	99
85) sec-Butylbenzene	13.257	105	299382	49.738	ug/l	100
86) p-Isopropyltoluene	13.373	119	247211	49.869	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	127661	49.045	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	127507	48.306	ug/l	100
89) n-Butylbenzene	13.696	91	234078	49.306	ug/l	100
90) Hexachloroethane	13.959	117	48818	48.527	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	115321	49.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9392	45.817	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	67293	45.771	ug/l	99
94) Hexachlorobutadiene	15.111	225	39229	44.211	ug/l	98
95) Naphthalene	15.239	128	137235	46.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	58645	45.065	ug/l	99

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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

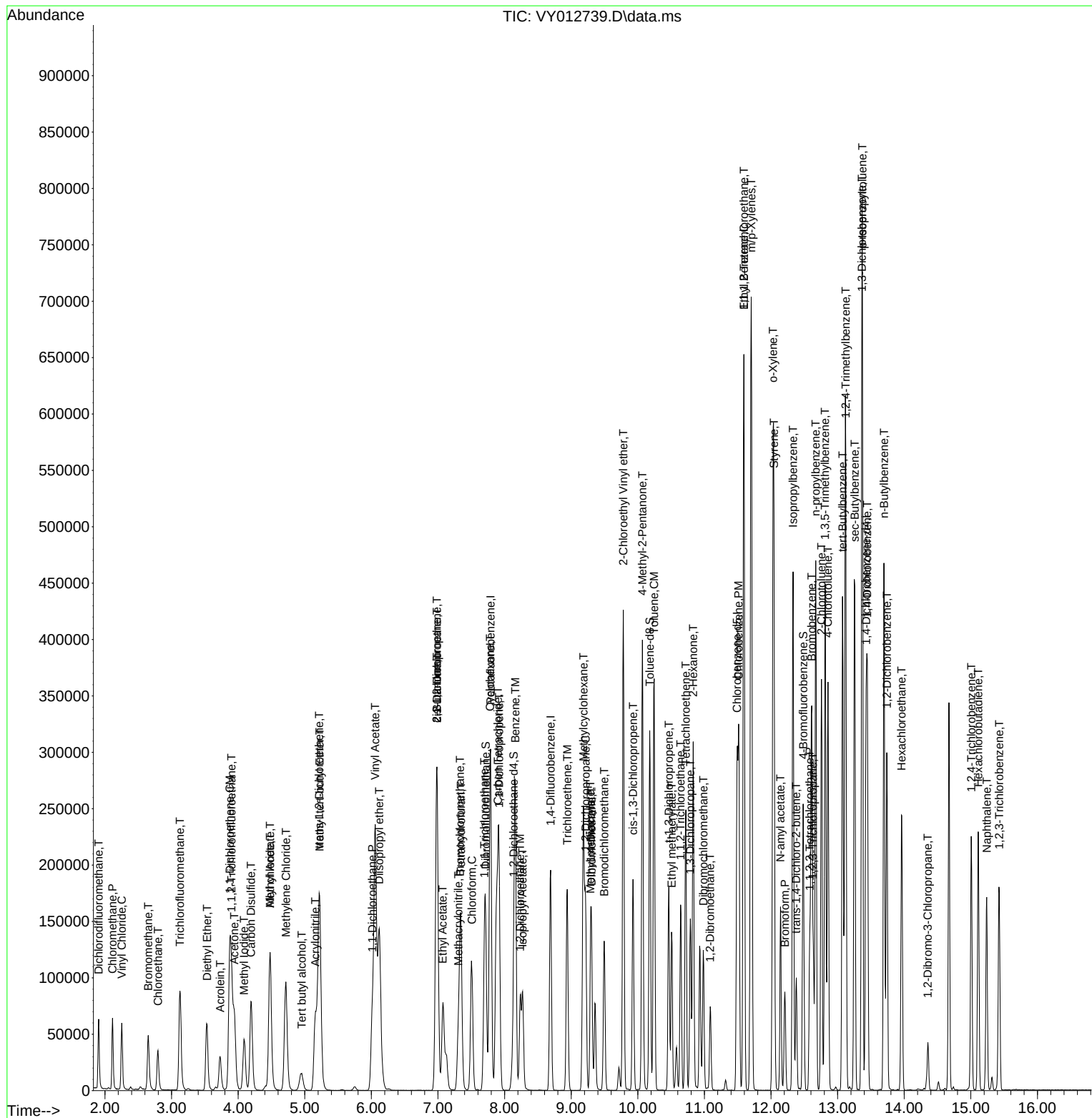
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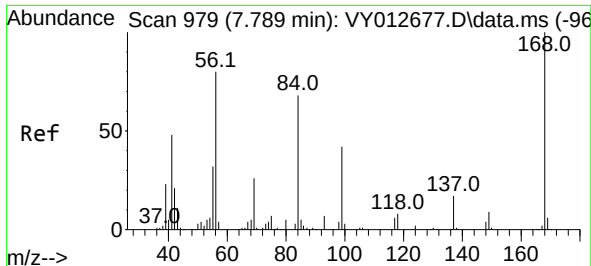
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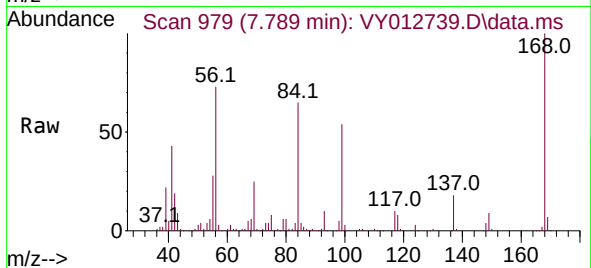
Reviewed By : John Carlone 02/28/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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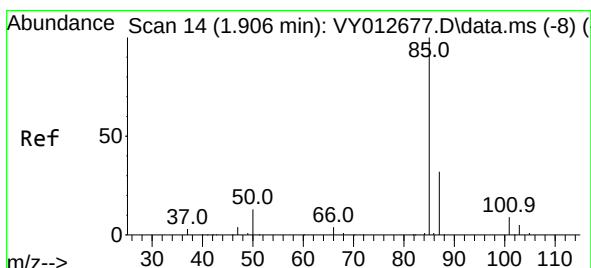
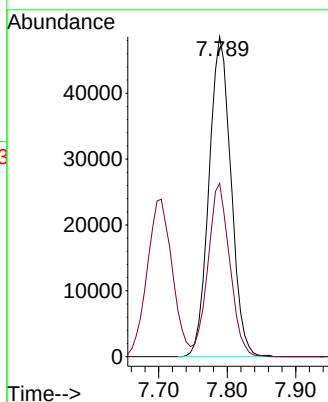
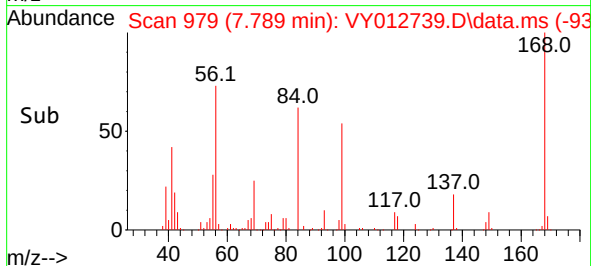
Instrument :
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Tgt Ion:168 Resp: 108529
Ion Ratio Lower Upper
168 100
99 54.1 45.4 68.2

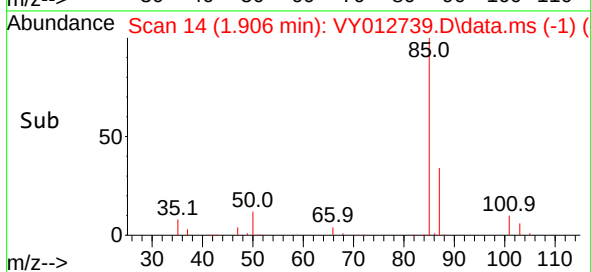
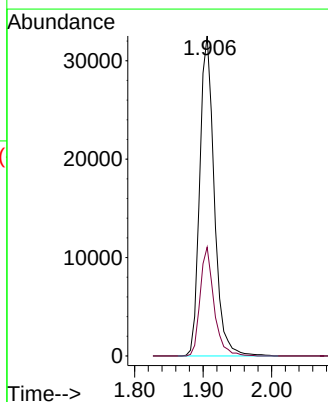
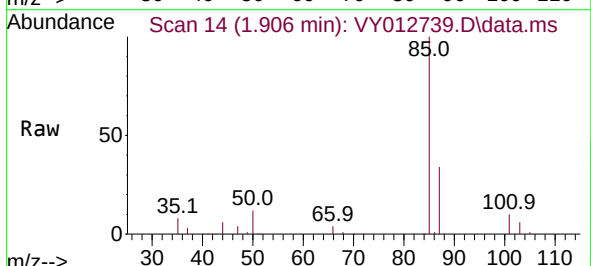
Manual Integrations
APPROVED

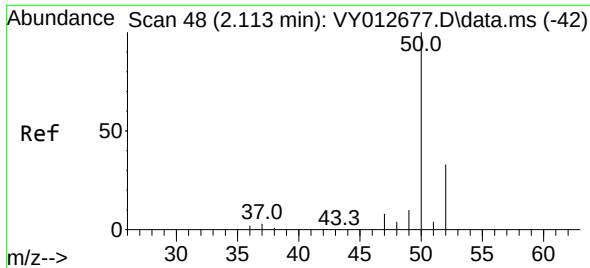
Reviewed By :John Carlone 02/28/2023
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#2
Dichlorodifluoromethane
Concen: 43.089 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

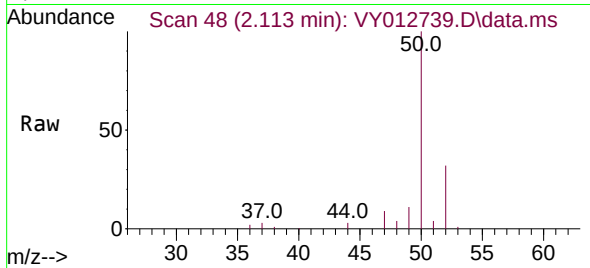
Tgt Ion: 85 Resp: 48076
Ion Ratio Lower Upper
85 100
87 34.0 16.1 48.2





#3
Chloromethane
Concen: 40.598 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

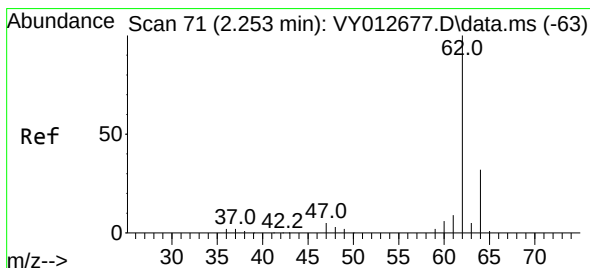
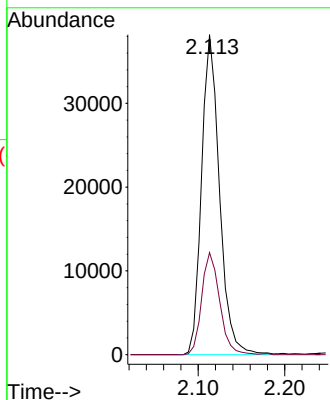
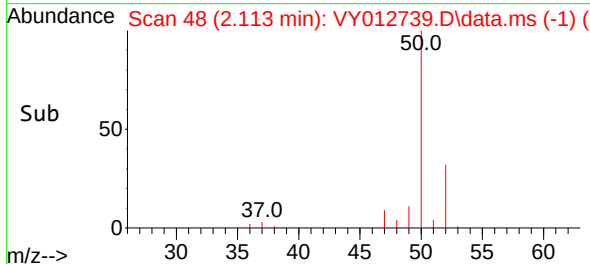
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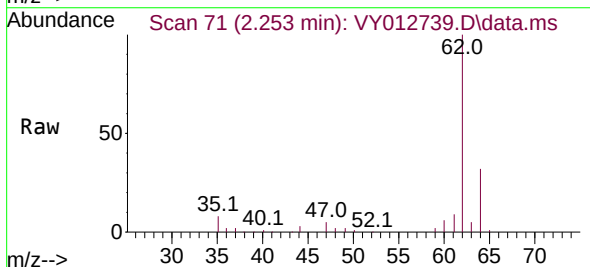
Tgt Ion: 50 Resp: 54930
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

Manual Integrations
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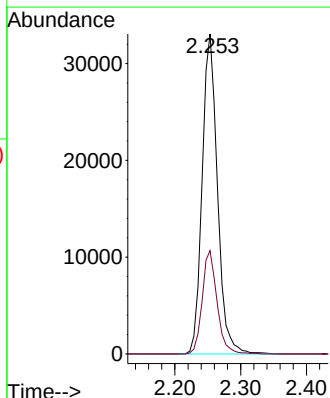
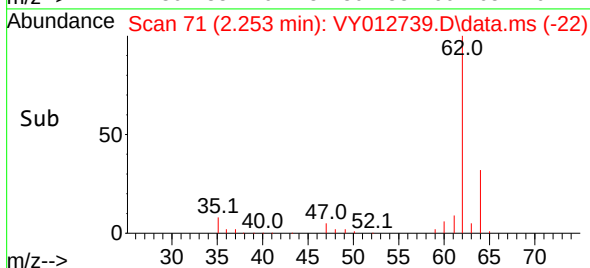
Reviewed By :John Carlone 02/28/2023
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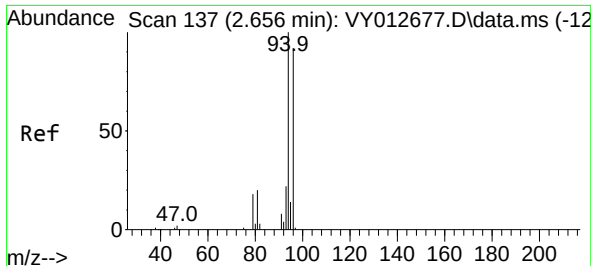


#4
Vinyl Chloride
Concen: 43.346 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 62 Resp: 53438
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 48.631 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 32834

Ion Ratio Lower Upper

94 100

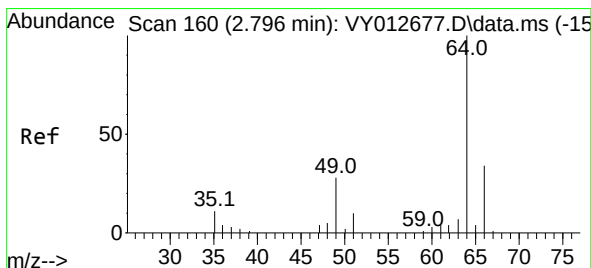
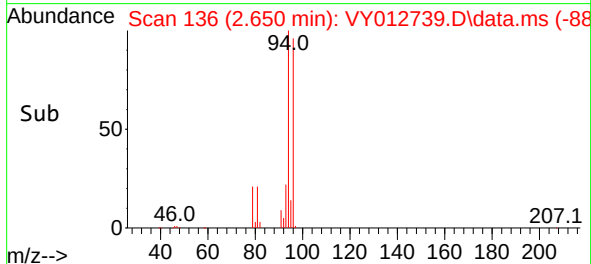
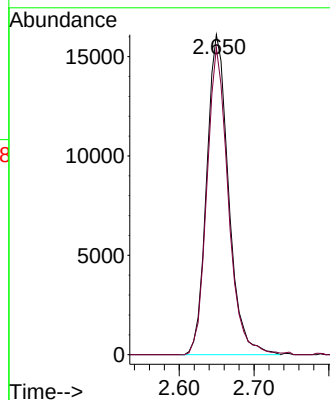
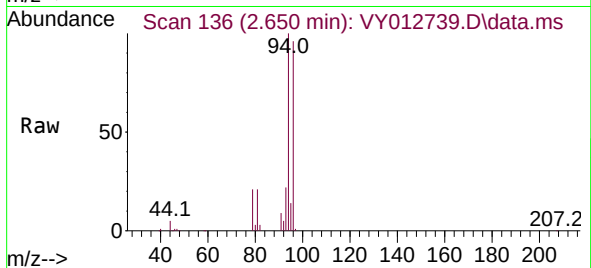
96 96.0 73.9 110.9

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#6

Chloroethane

Concen: 41.867 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY012739.D

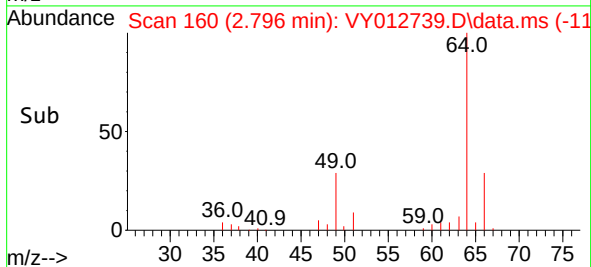
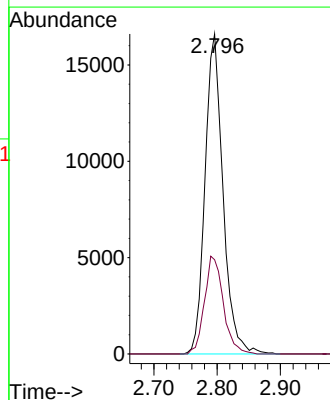
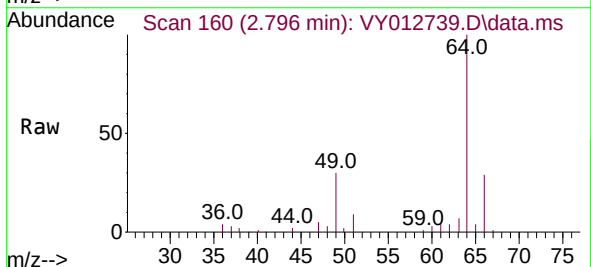
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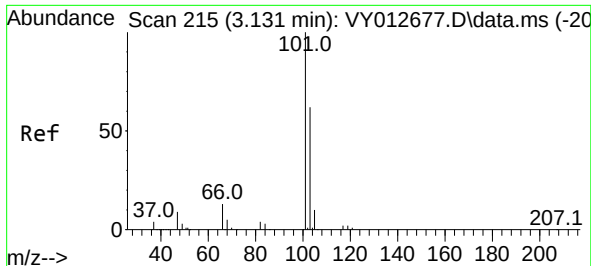
Tgt Ion: 64 Resp: 32856

Ion Ratio Lower Upper

64 100

66 29.4 27.1 40.7





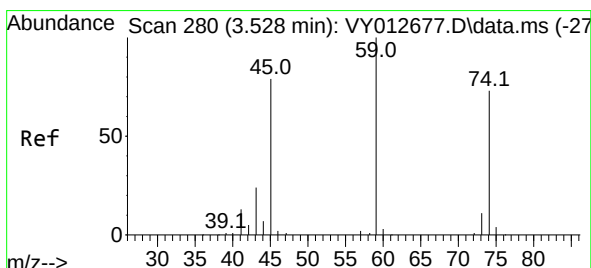
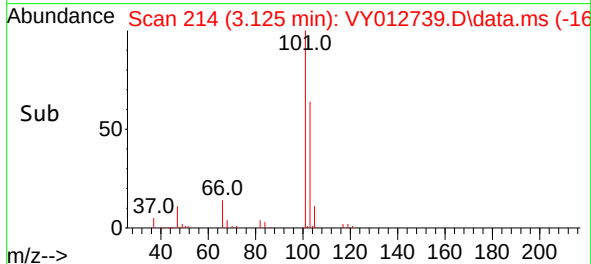
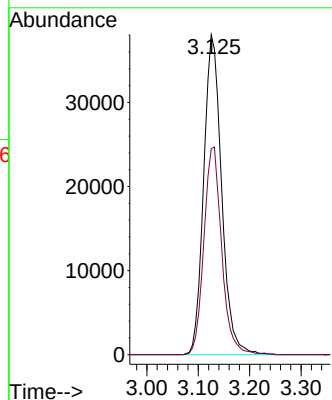
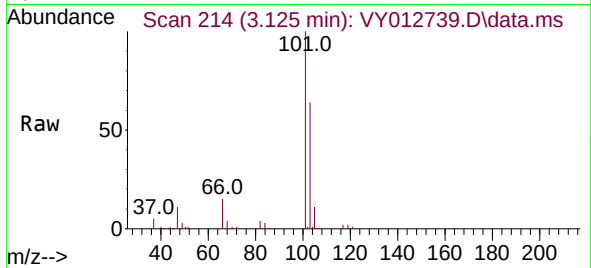
#7
Trichlorofluoromethane
Concen: 46.422 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9225
Ion Ratio Lower Upper
101 100
103 64.4 49.8 74.6

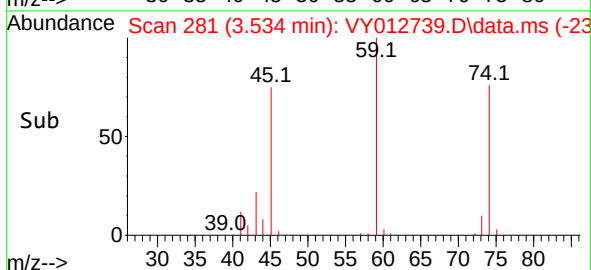
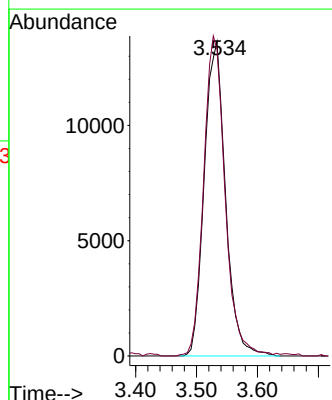
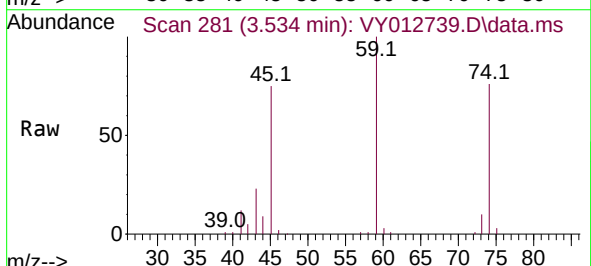
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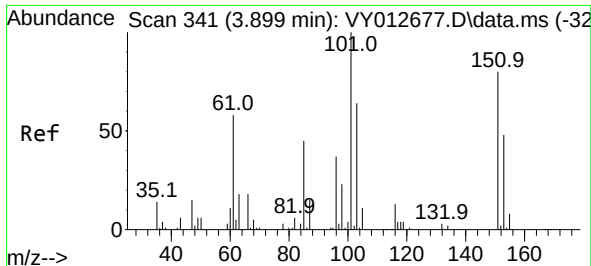
Reviewed By :John Carlone 02/28/2023
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#8
Diethyl Ether
Concen: 46.471 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion: 74 Resp: 33063
Ion Ratio Lower Upper
74 100
45 102.5 54.6 163.9





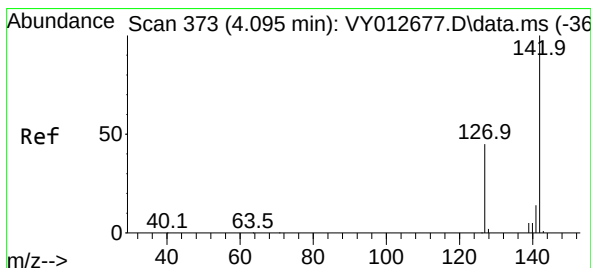
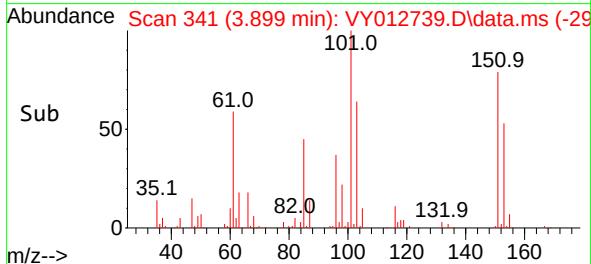
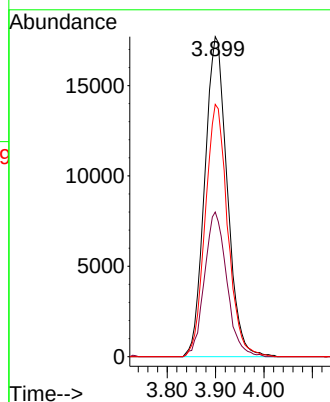
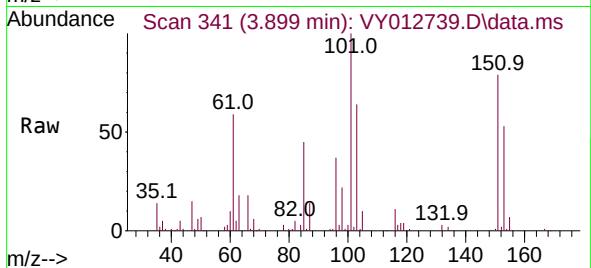
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.175 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5721
Ion Ratio Lower Upper
101 100
85 44.7 36.4 54.6
151 78.6 63.1 94.7

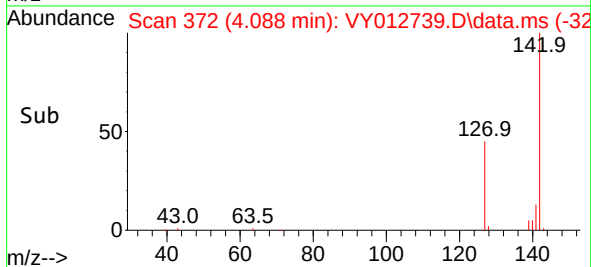
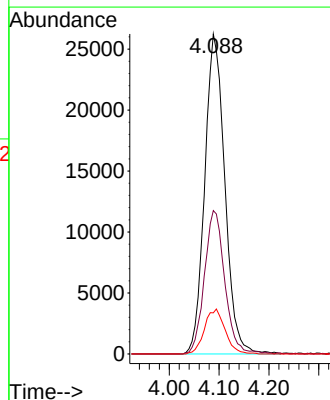
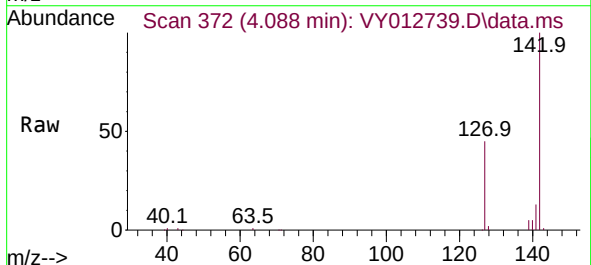
Manual Integrations
APPROVED

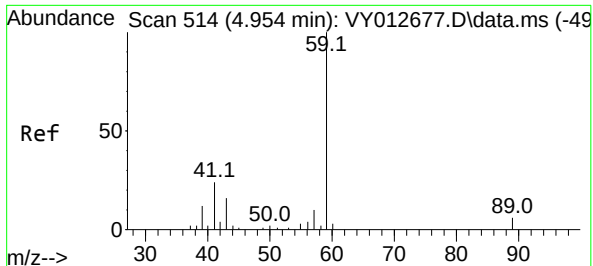
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 47.267 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:142 Resp: 73499
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 14.4 11.6 17.4





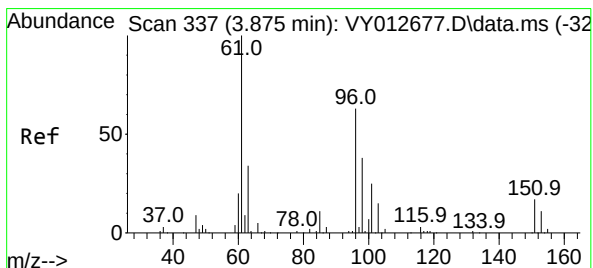
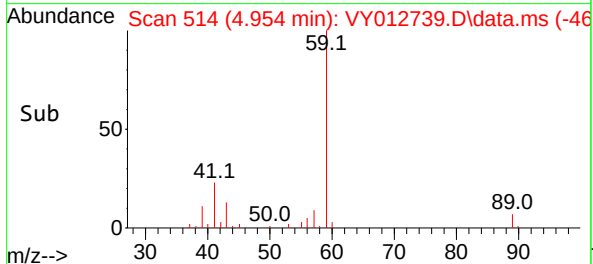
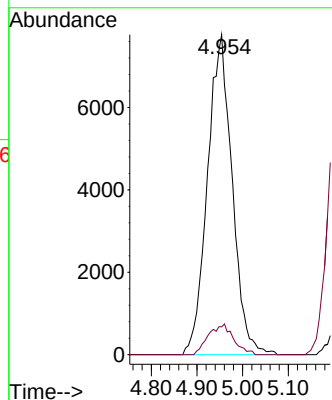
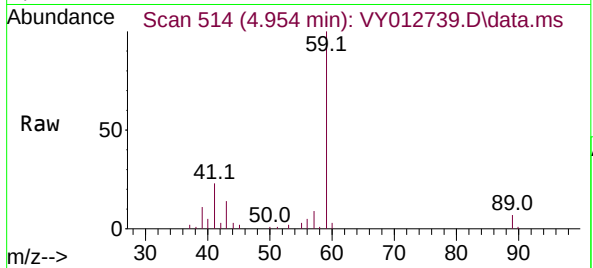
#11
Tert butyl alcohol
Concen: 208.257 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 29199
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5

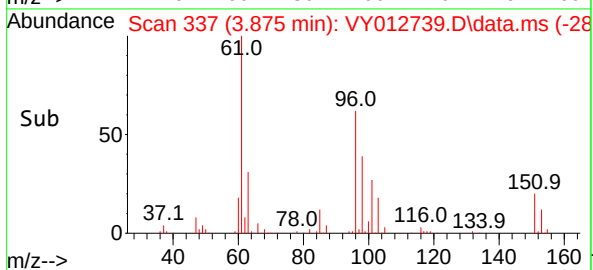
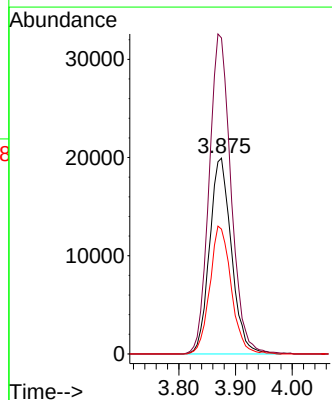
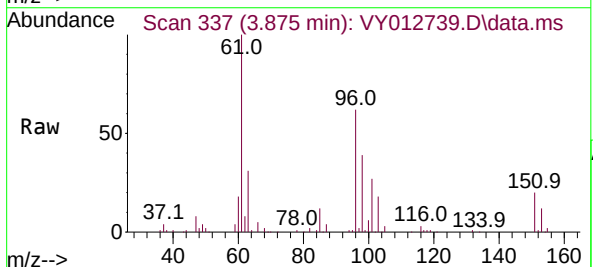
Manual Integrations
APPROVED

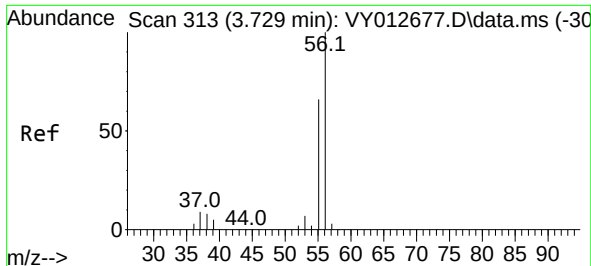
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#12
1,1-Dichloroethene
Concen: 46.657 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

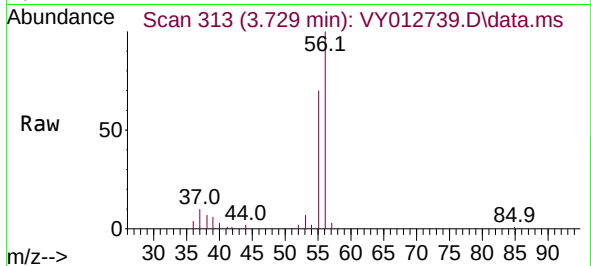
Tgt Ion: 96 Resp: 53491
Ion Ratio Lower Upper
96 100
61 161.4 127.3 190.9
98 63.7 49.0 73.4





#13
Acrolein
Concen: 204.394 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

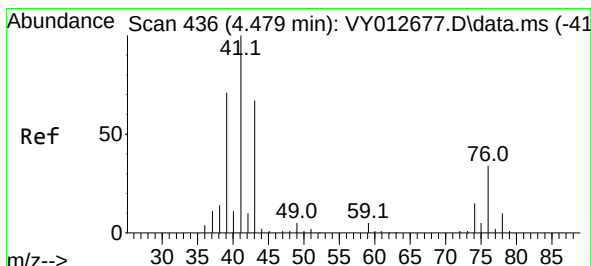
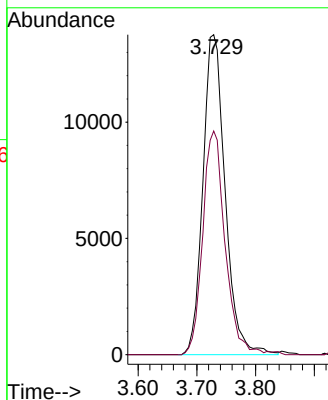
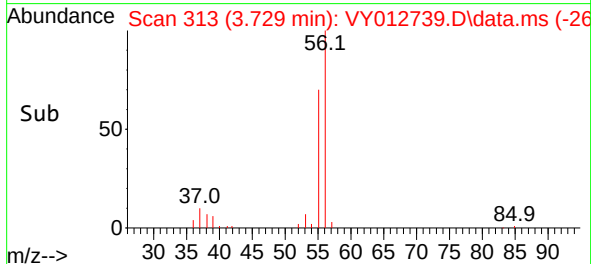
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 36208
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5

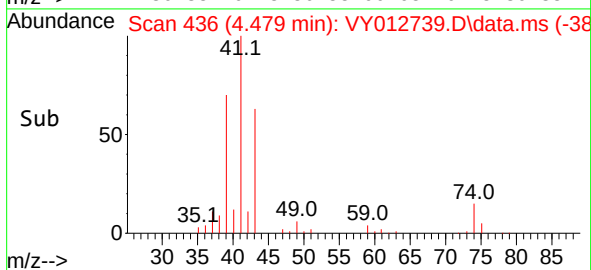
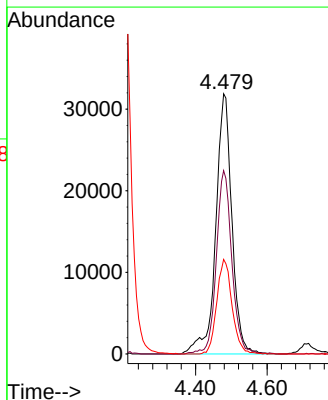
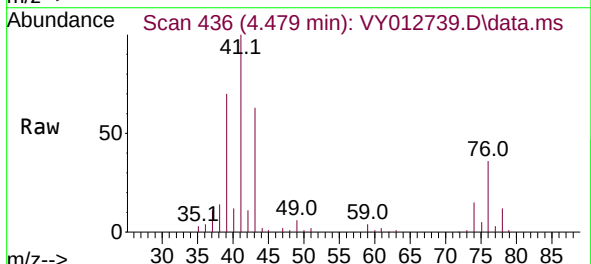
Manual Integrations
APPROVED

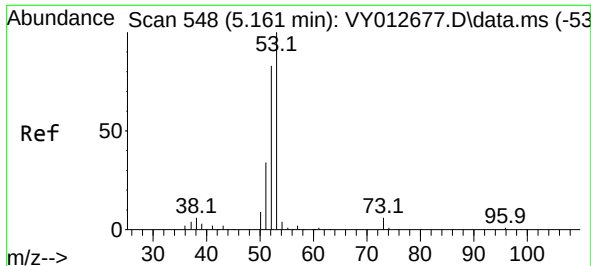
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Allyl chloride
Concen: 44.851 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

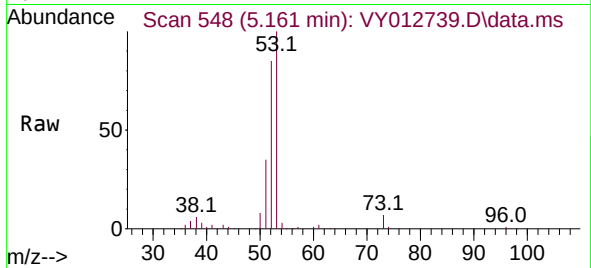
Tgt Ion: 41 Resp: 99798
Ion Ratio Lower Upper
41 100
39 67.6 53.8 80.8
76 34.4 25.8 38.6





#15
Acrylonitrile
Concen: 232.620 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

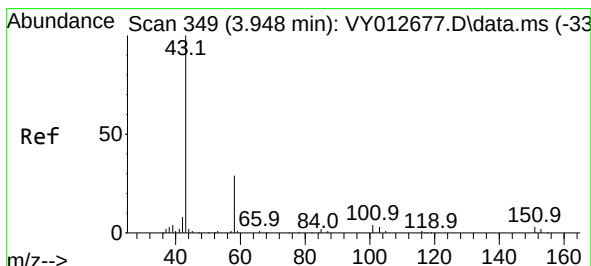
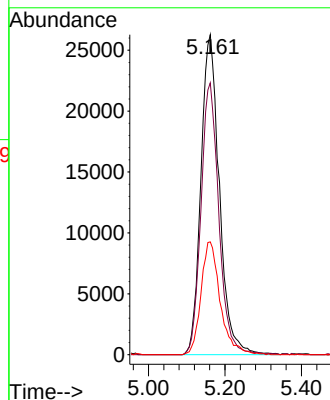
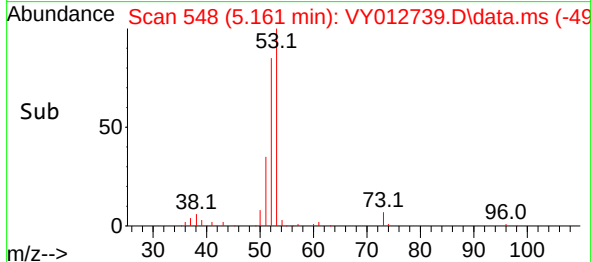
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



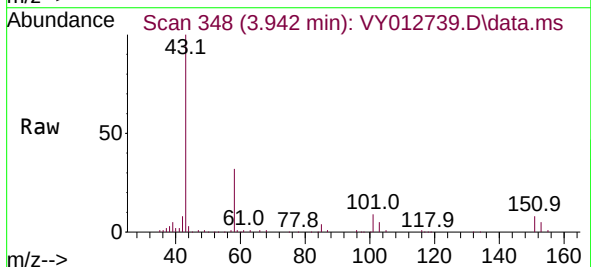
Tgt Ion: 53 Resp: 88050
Ion Ratio Lower Upper
53 100
52 82.3 65.2 97.8
51 36.9 28.6 43.0

Manual Integrations
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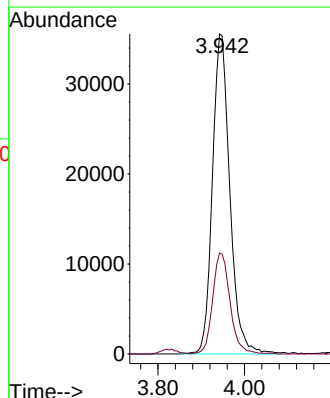
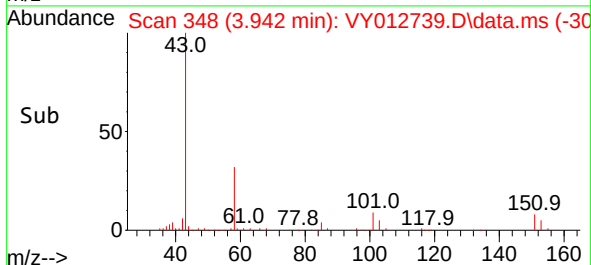
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

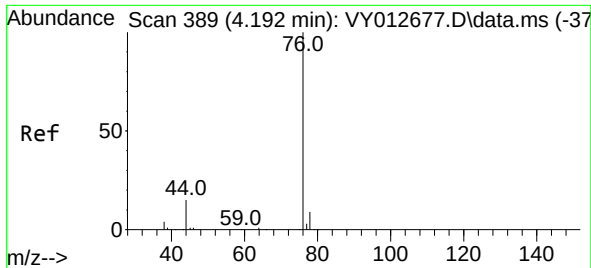


#16
Acetone
Concen: 237.333 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



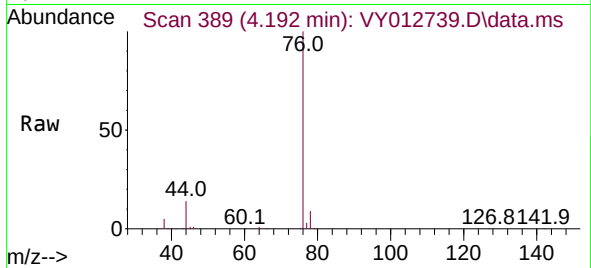
Tgt Ion: 43 Resp: 99261
Ion Ratio Lower Upper
43 100
58 31.5 23.3 34.9





#17
Carbon Disulfide
Concen: 41.573 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

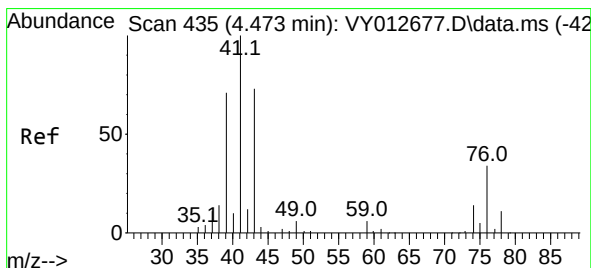
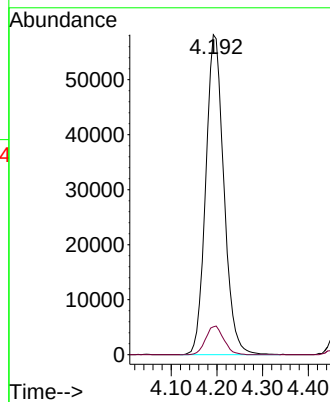
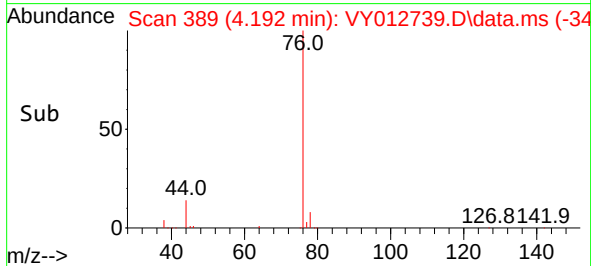
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



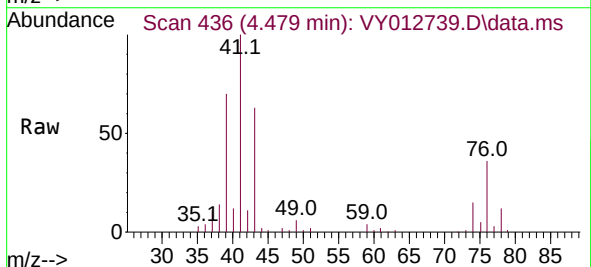
Tgt Ion: 76 Resp: 16039
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

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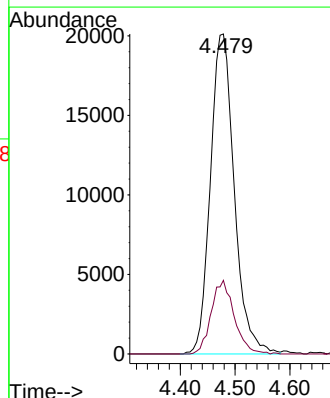
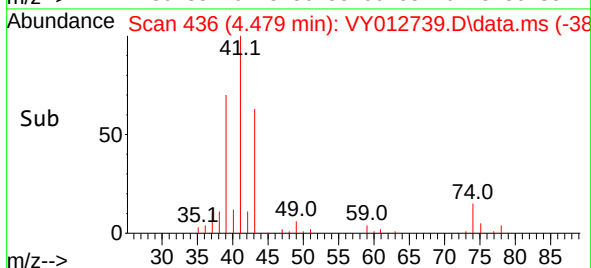
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

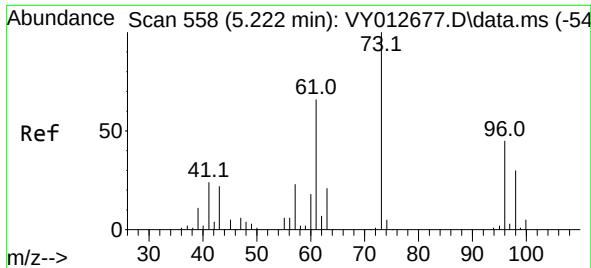


#18
Methyl Acetate
Concen: 45.180 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



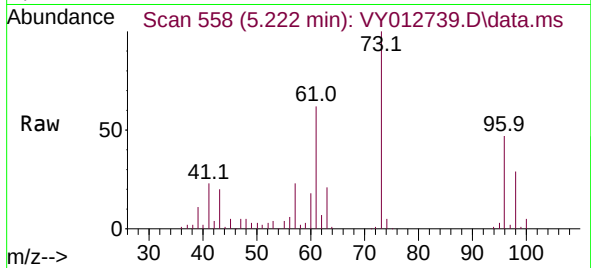
Tgt Ion: 43 Resp: 60871
Ion Ratio Lower Upper
43 100
74 22.2 16.5 24.7





#19
Methyl tert-butyl Ether
Concen: 47.438 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

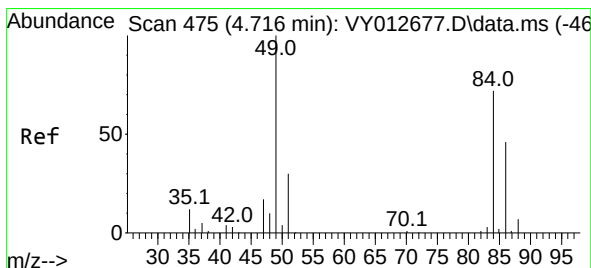
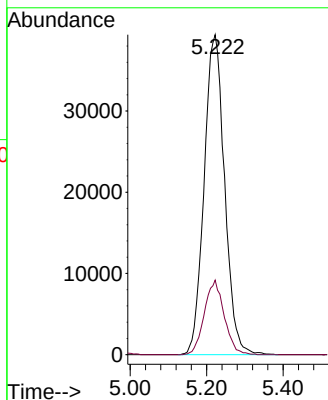
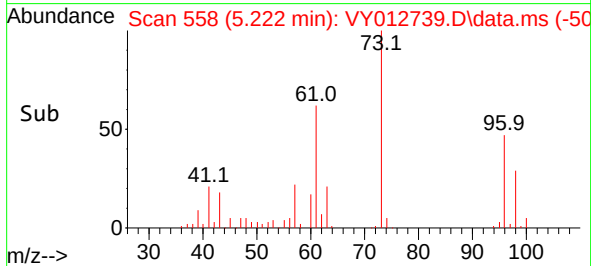
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



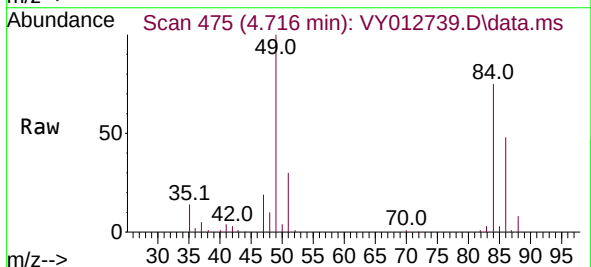
Tgt Ion: 73 Resp: 146292
Ion Ratio Lower Upper
73 100
57 23.3 18.1 27.1

Manual Integrations
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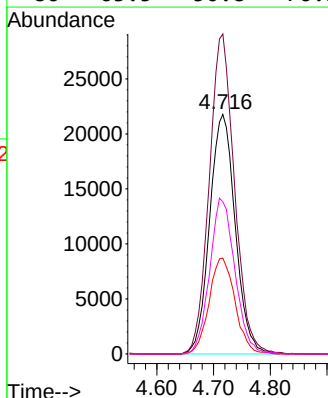
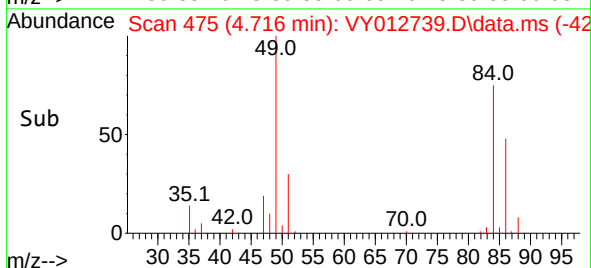
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

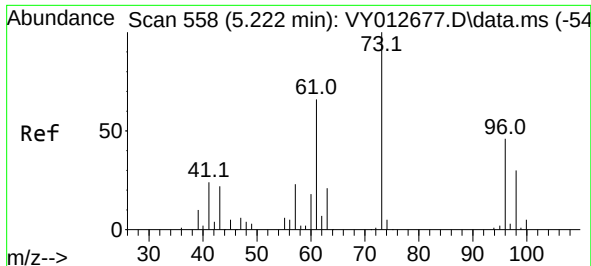


#20
Methylene Chloride
Concen: 52.727 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



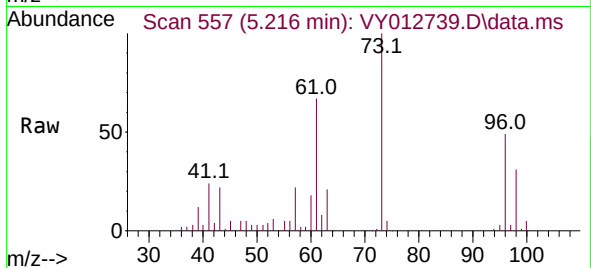
Tgt Ion: 84 Resp: 68401
Ion Ratio Lower Upper
84 100
49 133.6 111.1 166.7
51 40.0 33.5 50.3
86 63.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.140 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

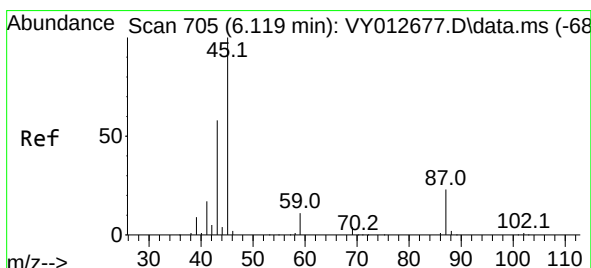
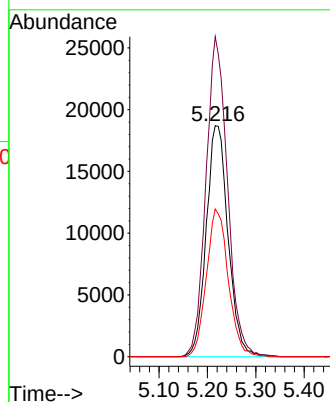
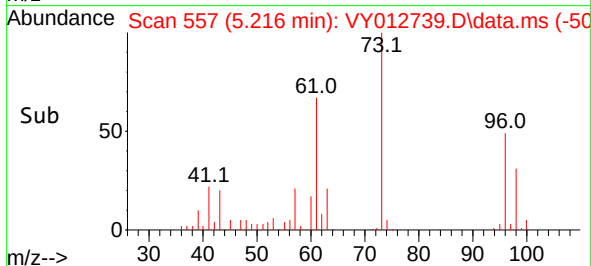
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5878
Ion Ratio Lower Upper
96 100
61 138.5 116.1 174.1
98 63.9 52.3 78.5

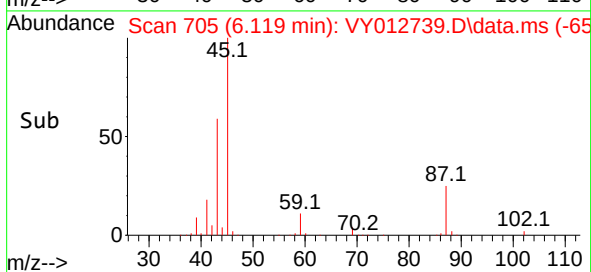
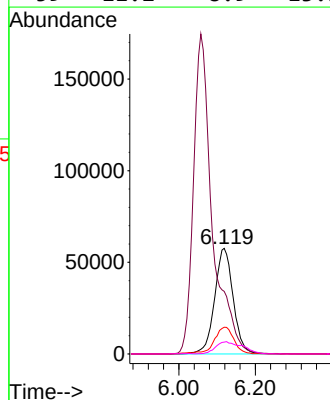
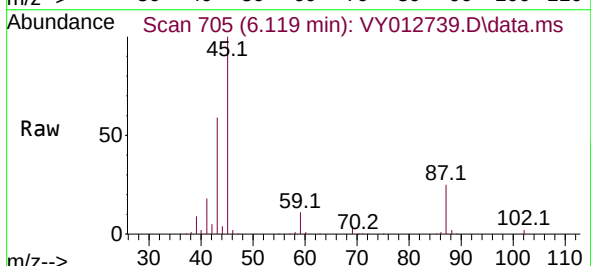
Manual Integrations
APPROVED

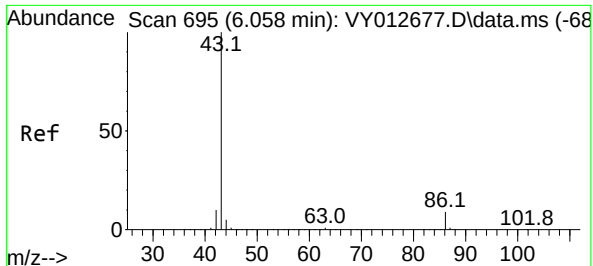
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 46.817 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion: 45 Resp: 194386
Ion Ratio Lower Upper
45 100
43 58.9 46.2 69.2
87 25.2 18.6 28.0
59 11.2 8.9 13.3





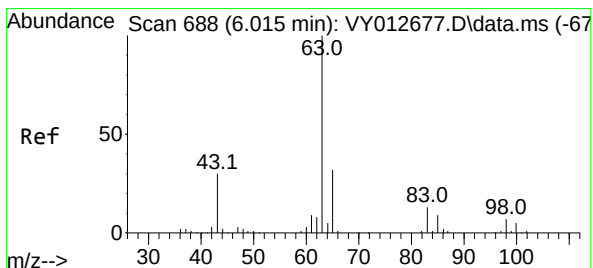
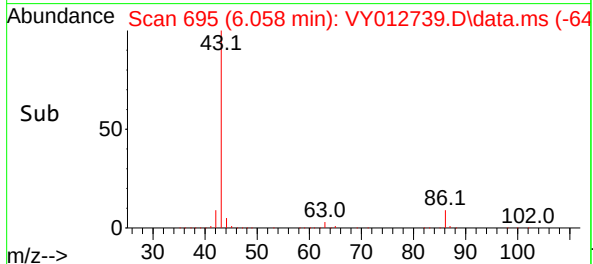
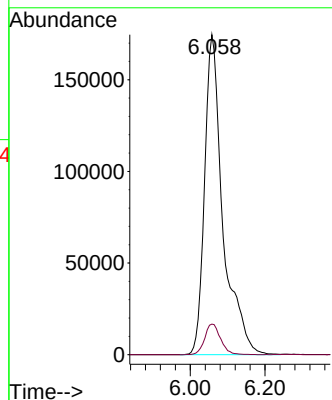
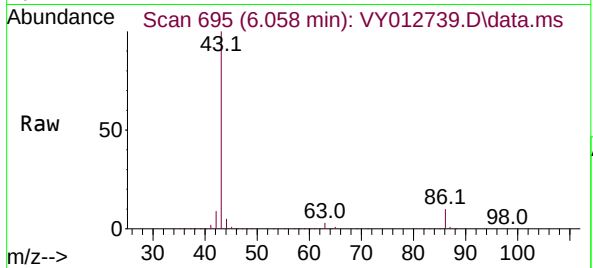
#23
 Vinyl Acetate
 Concen: 231.258 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 59469
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0

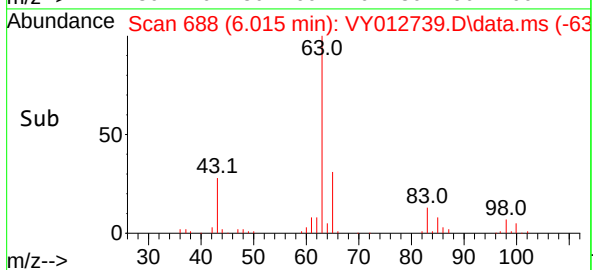
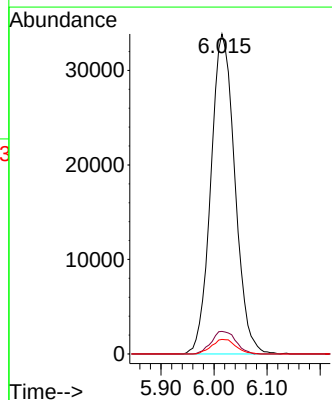
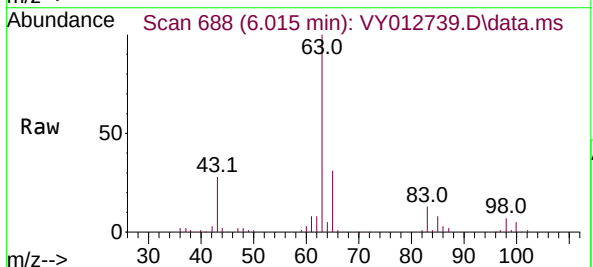
Manual Integrations
 APPROVED

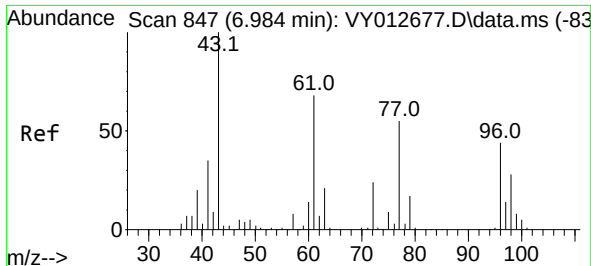
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 46.377 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

Tgt Ion: 63 Resp: 106775
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 226.053 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 12548

Ion Ratio Lower Upper

43 100

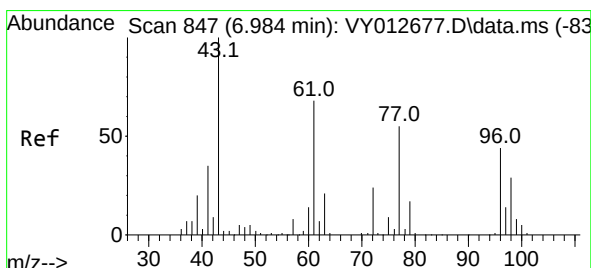
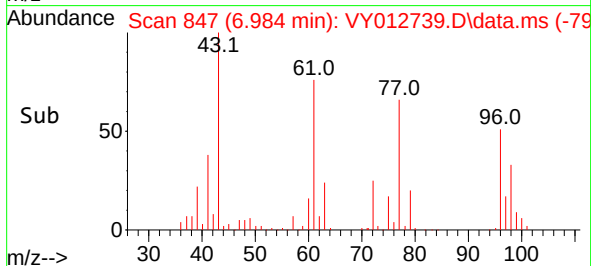
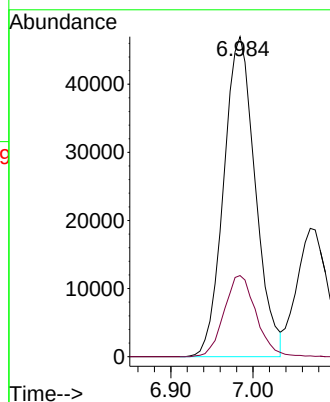
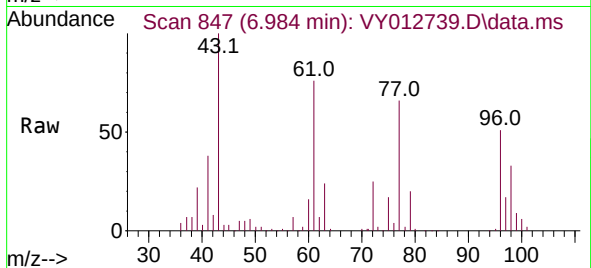
72 25.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#26

2,2-Dichloropropane

Concen: 46.582 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012739.D

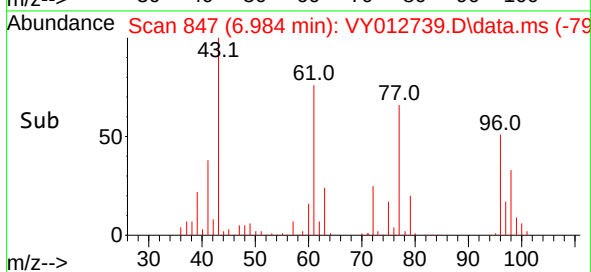
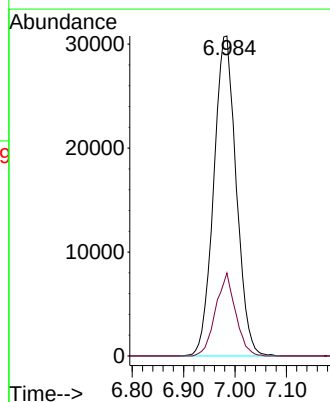
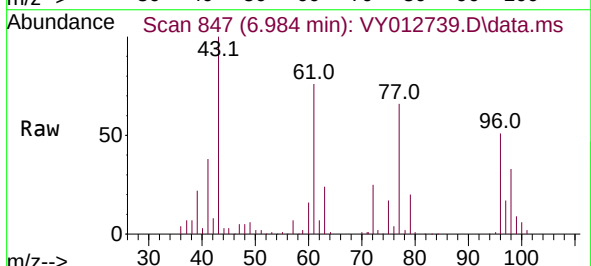
Acq: 27 Feb 2023 17:14

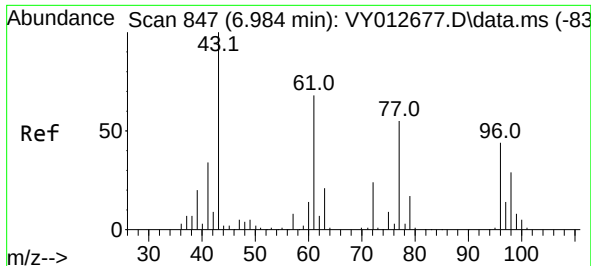
Tgt Ion: 77 Resp: 93553

Ion Ratio Lower Upper

77 100

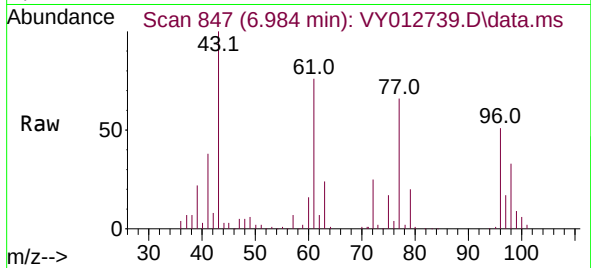
97 23.0 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 48.637 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

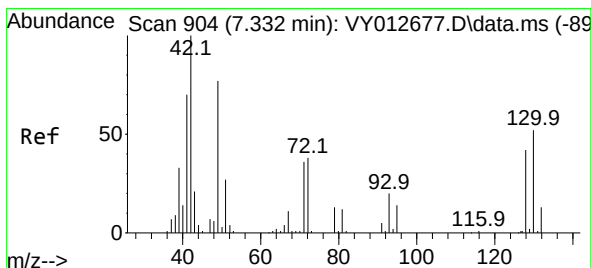
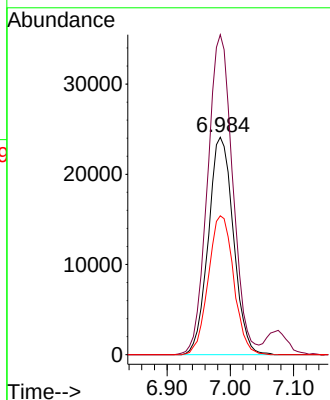
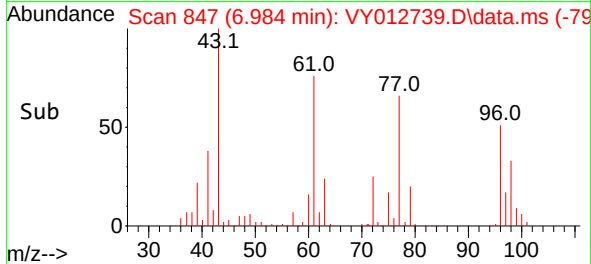
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



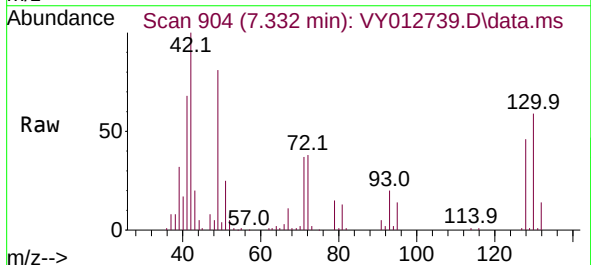
Tgt Ion: 96 Resp: 66364
Ion Ratio Lower Upper
96 100
61 148.1 0.0 308.8
98 64.5 0.0 129.0

Manual Integrations
APPROVED

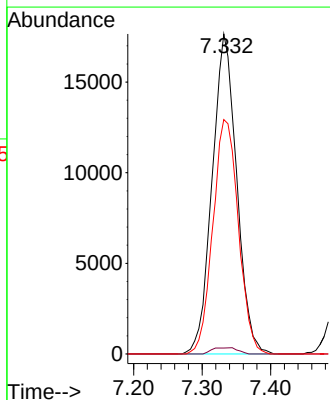
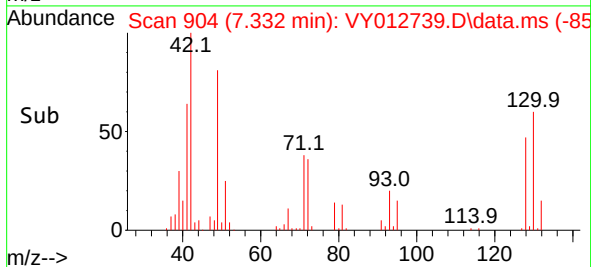
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

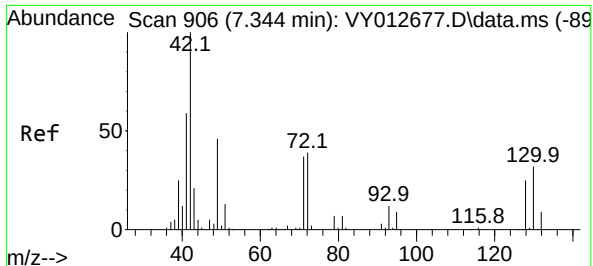


#28
Bromochloromethane
Concen: 47.560 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 49 Resp: 43847
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 76.0 54.3 81.5





#29

Tetrahydrofuran

Concen: 229.670 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 77834

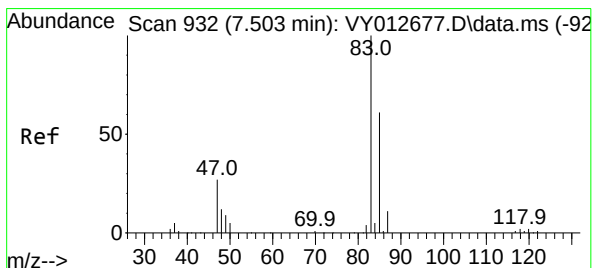
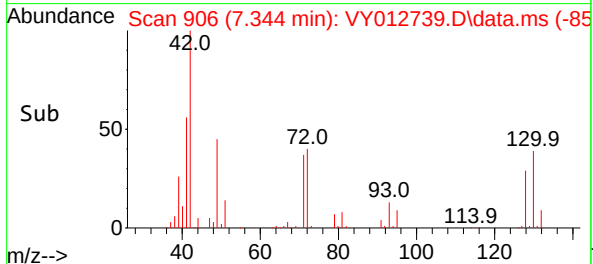
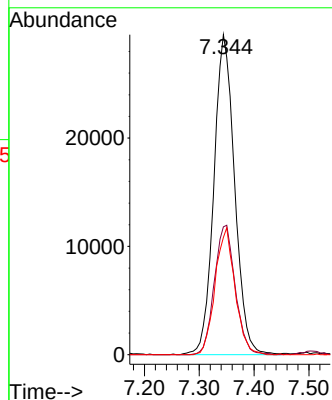
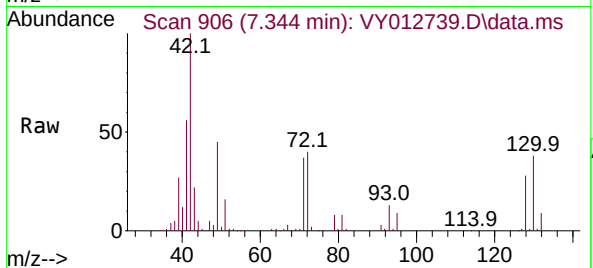
Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.6	45.8
71	37.9	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 48.717 ug/l

RT: 7.508 min Scan# 933

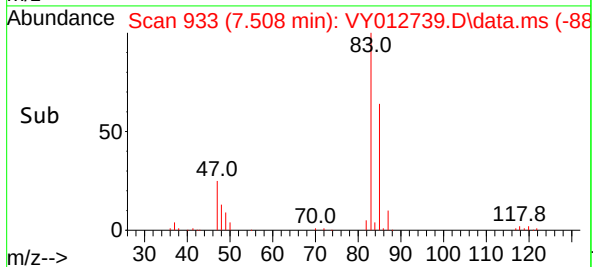
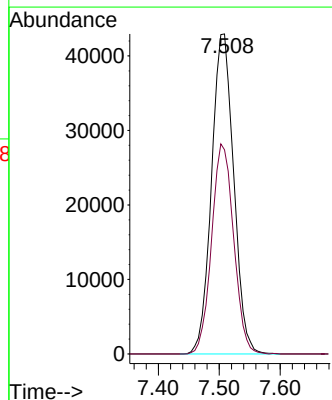
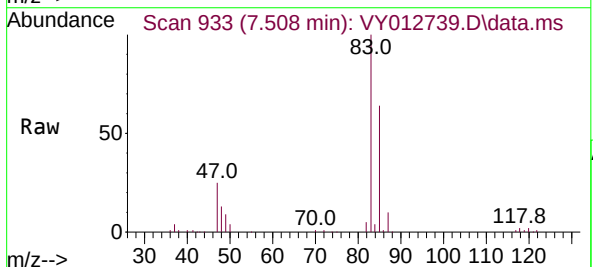
Delta R.T. 0.006 min

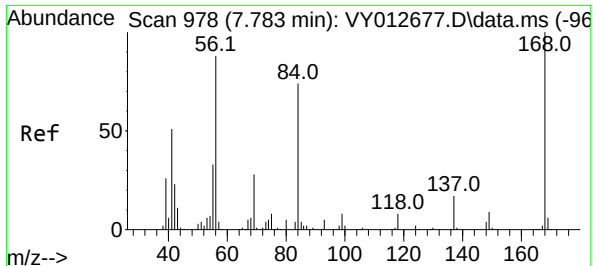
Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Tgt Ion: 83 Resp: 108681

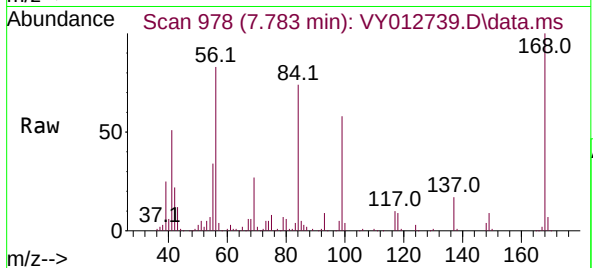
Ion	Ratio	Lower	Upper
83	100		
85	63.8	48.9	73.3





#31
Cyclohexane
Concen: 42.005 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

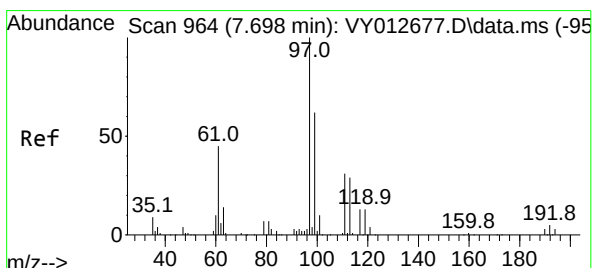
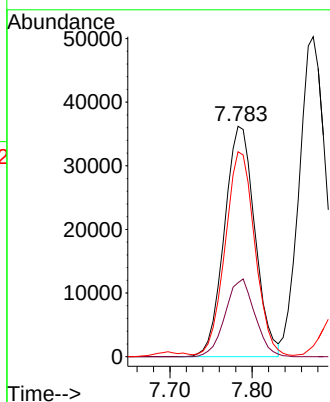
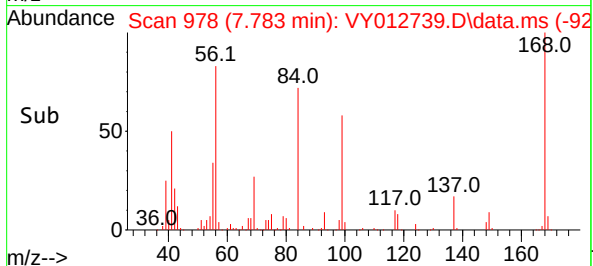
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



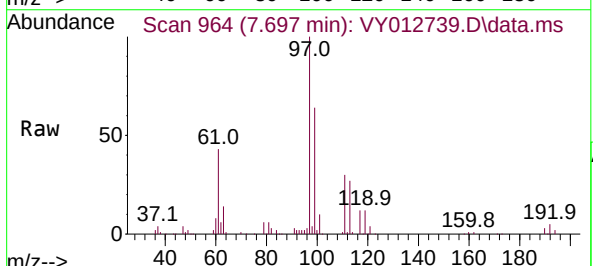
Tgt Ion: 56 Resp: 93536
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.2
84 87.7 67.3 100.9

Manual Integrations
APPROVED

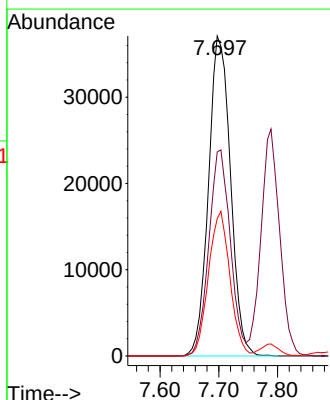
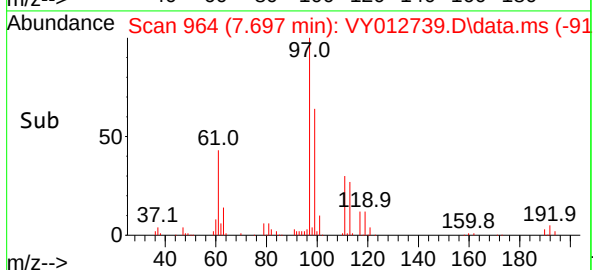
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

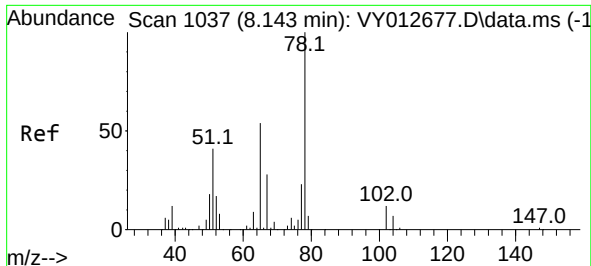


#32
1,1,1-Trichloroethane
Concen: 47.761 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 97 Resp: 96453
Ion Ratio Lower Upper
97 100
99 63.2 50.6 75.8
61 44.2 36.0 54.0





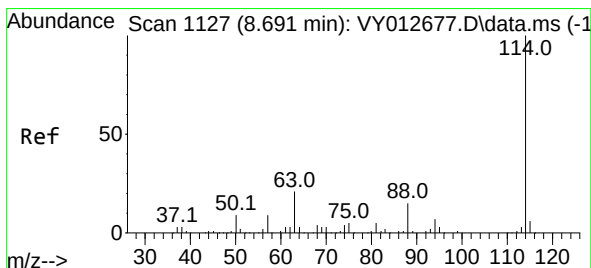
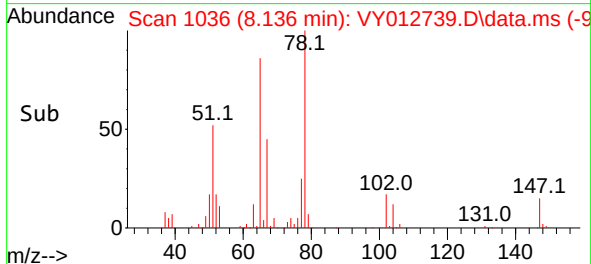
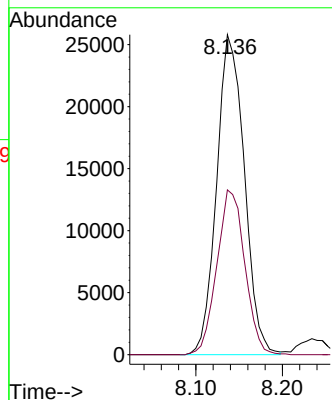
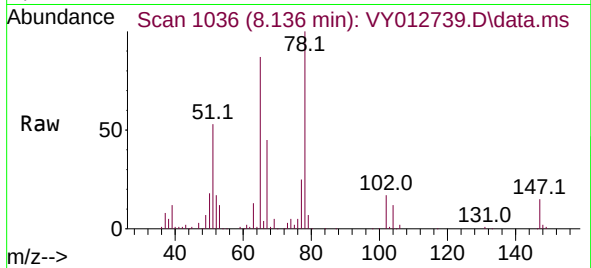
#33
 1,2-Dichloroethane-d4
 Concen: 44.707 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 57302
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6

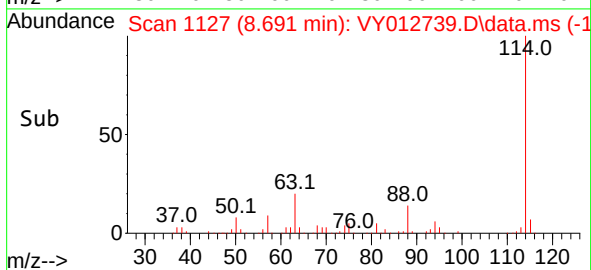
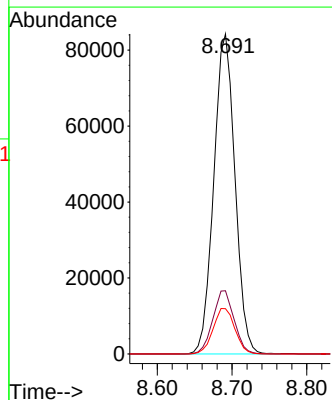
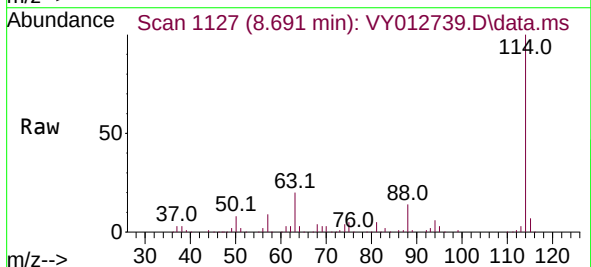
Manual Integrations
 APPROVED

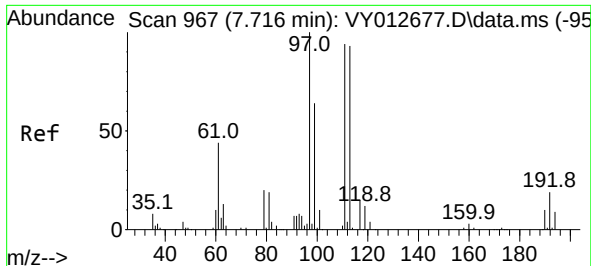
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

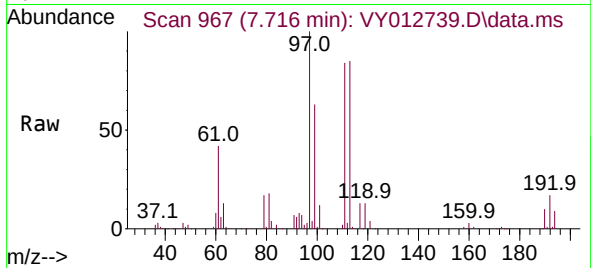
Tgt Ion:114 Resp: 165824
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 14.2 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

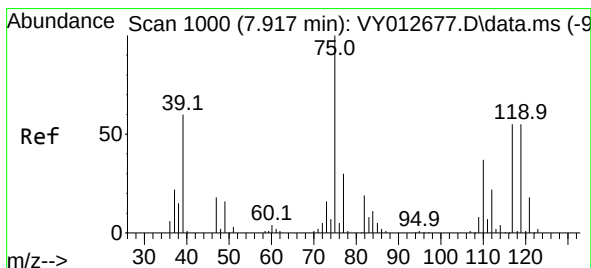
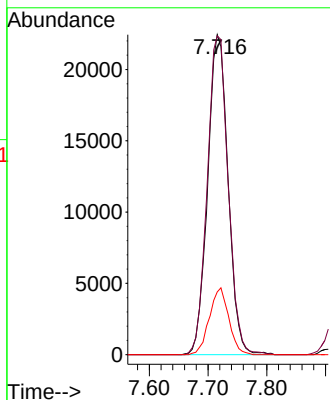
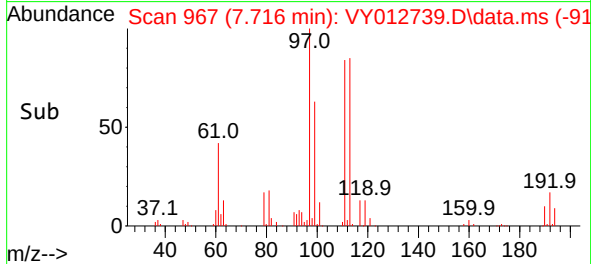
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



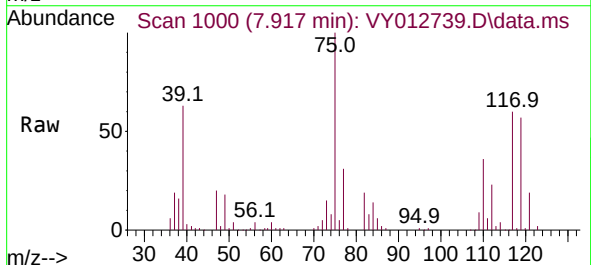
Tgt Ion: 113 Resp: 5418
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 19.9 16.2 24.2

Manual Integrations
APPROVED

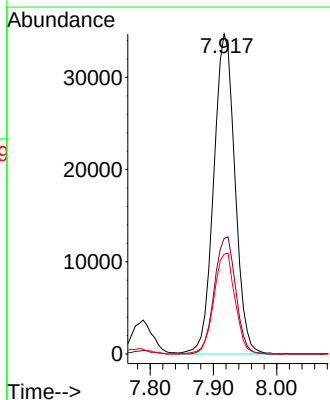
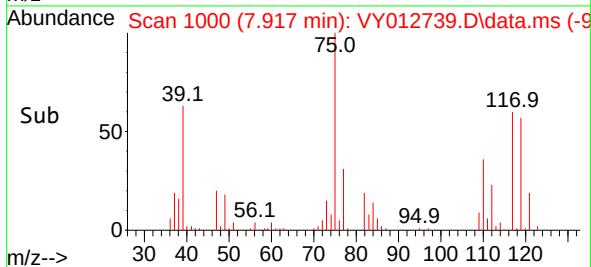
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

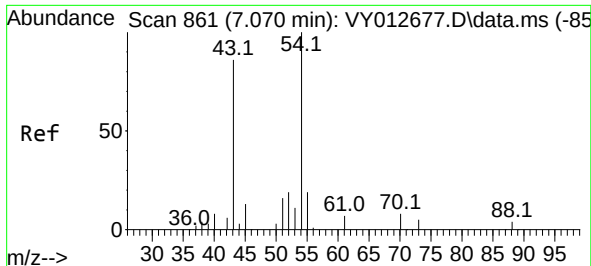


#36
1,1-Dichloropropene
Concen: 45.619 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 75 Resp: 80990
Ion Ratio Lower Upper
75 100
110 36.6 17.6 52.8
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 42.723 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 51179

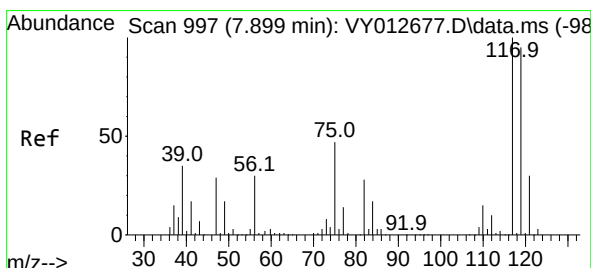
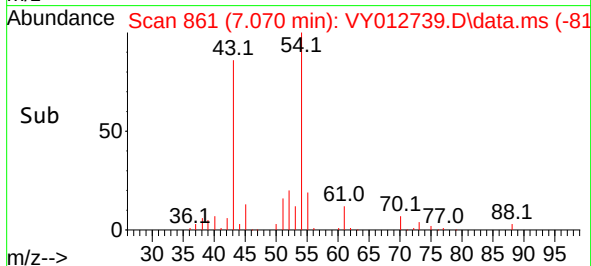
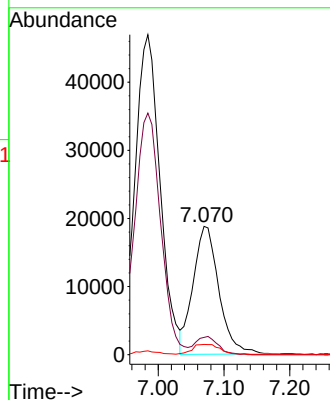
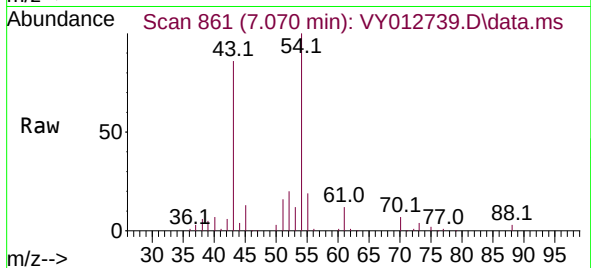
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	8.7	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

Carbon Tetrachloride

Concen: 47.966 ug/l

RT: 7.899 min Scan# 997

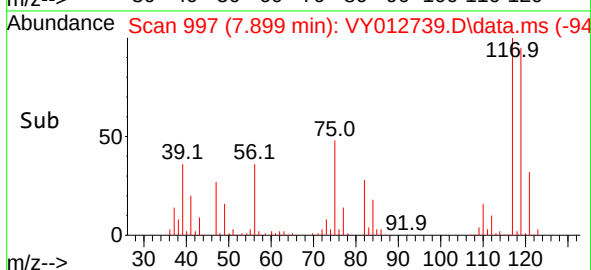
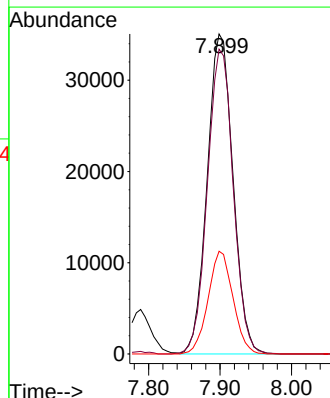
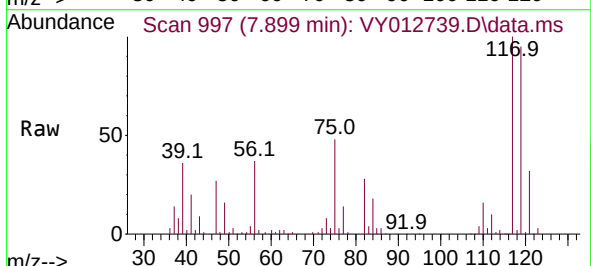
Delta R.T. -0.000 min

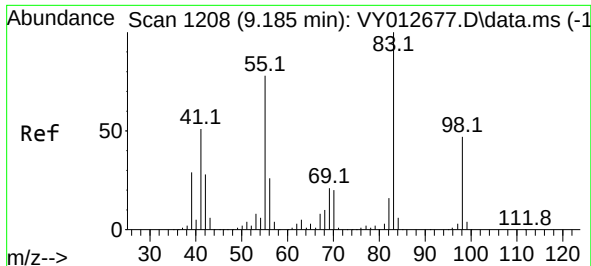
Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Tgt Ion:117 Resp: 88051

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.5	113.3
121	32.1	23.8	35.8





#39

Methylcyclohexane

Concen: 47.945 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

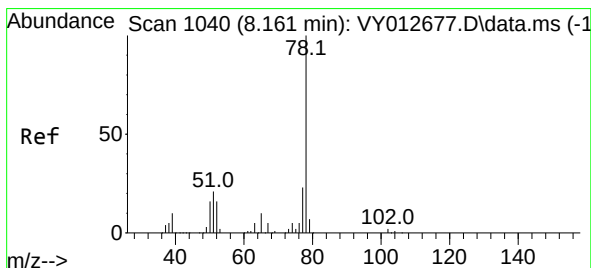
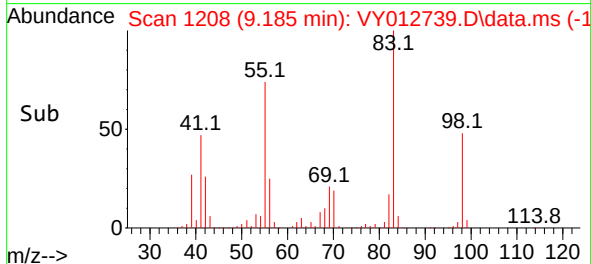
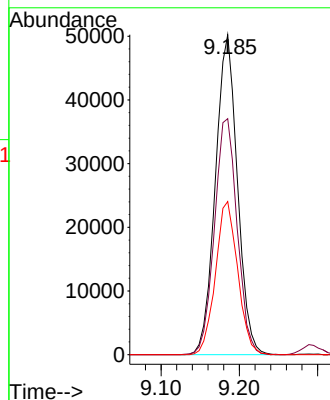
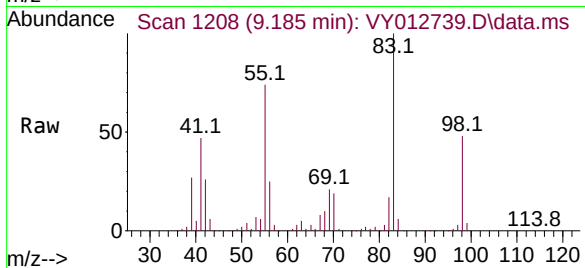
Tgt Ion: 83 Resp: 98188
 Ion Ratio Lower Upper
 83 100
 55 73.8 62.5 93.7
 98 47.8 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 48.284 ug/l

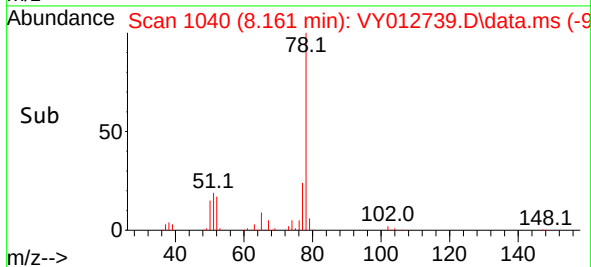
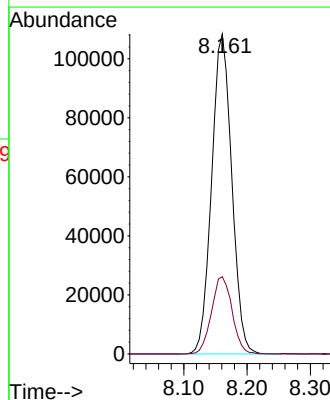
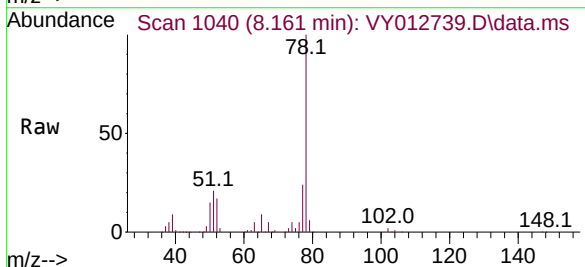
RT: 8.161 min Scan# 1040

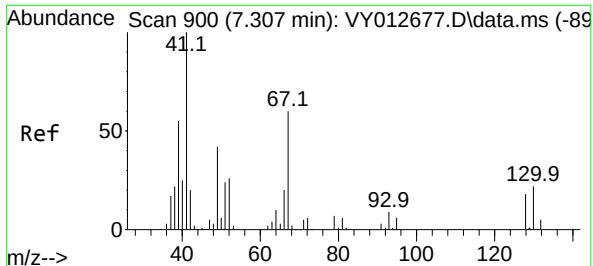
Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

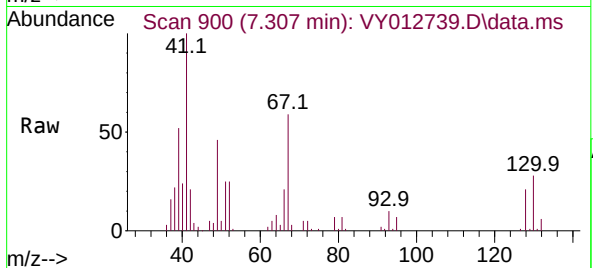
Tgt Ion: 78 Resp: 239279
 Ion Ratio Lower Upper
 78 100
 77 24.2 18.5 27.7





#41
Methacrylonitrile
Concen: 48.573 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

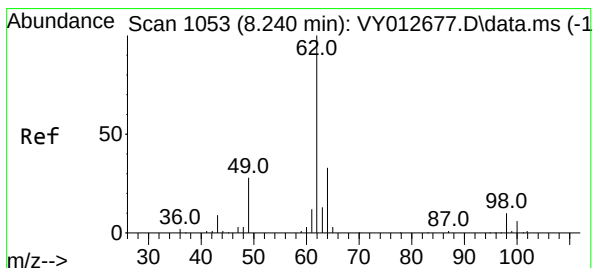
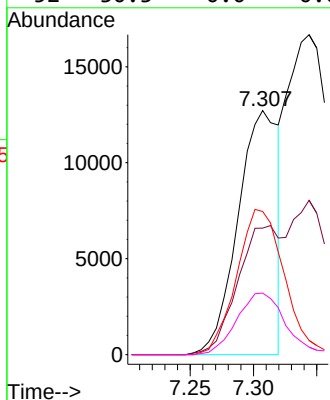
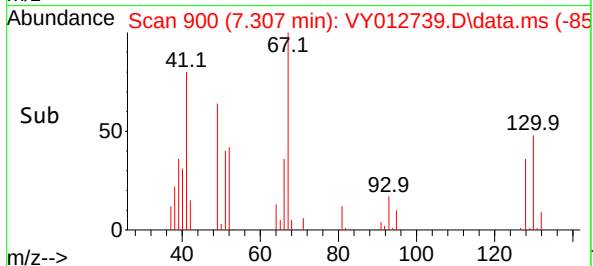
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	28340
Ion Ratio	100	Lower	Upper
41	100		
39	53.4	0.0	0.0
67	70.1	0.0	0.0
52	30.3	0.0	0.0

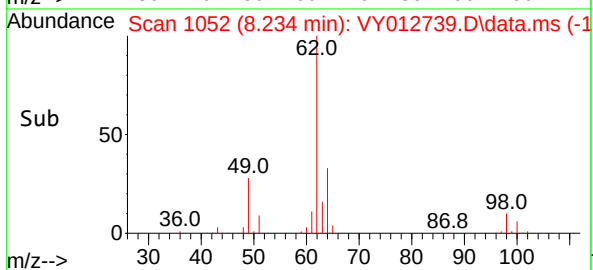
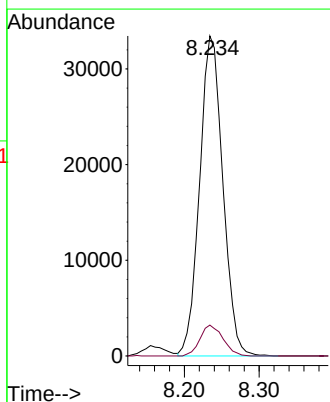
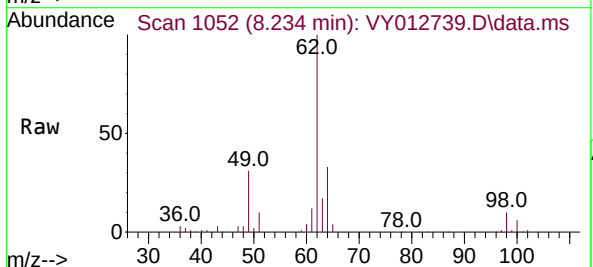
Manual Integrations
APPROVED

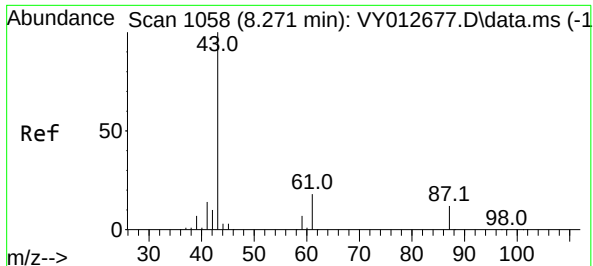
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 47.061 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

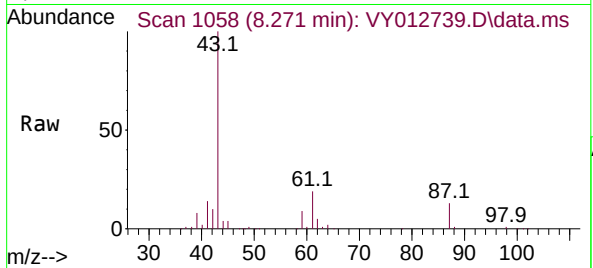
Tgt Ion:	62	Resp:	72317
Ion Ratio	100	Lower	Upper
62	100		
98	9.6	0.0	18.8





#43
Isopropyl Acetate
Concen: 45.537 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

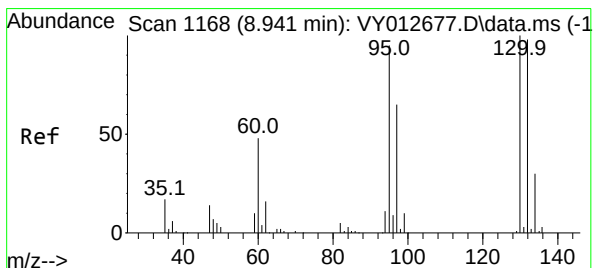
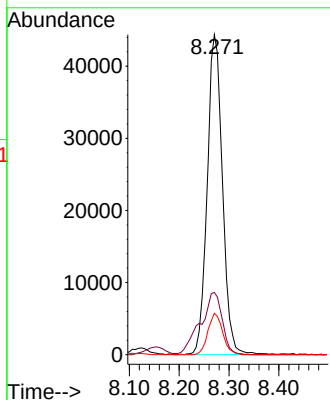
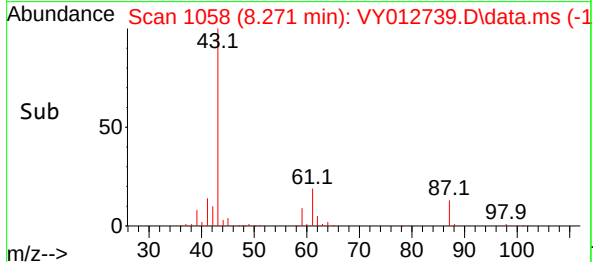
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



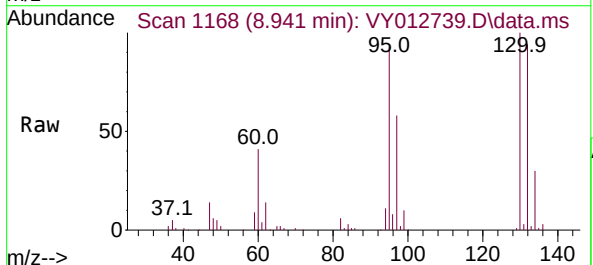
Tgt Ion: 43 Resp: 9426
Ion Ratio Lower Upper
43 100
61 27.8 20.5 30.7
87 12.5 9.2 13.8

Manual Integrations
APPROVED

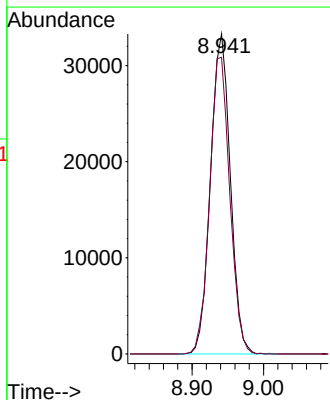
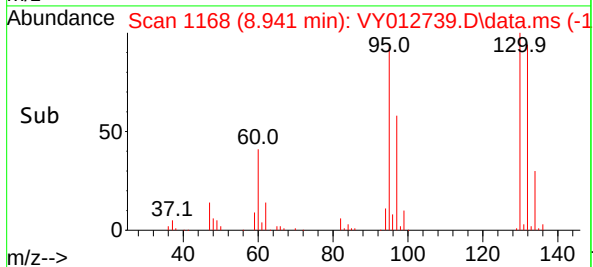
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

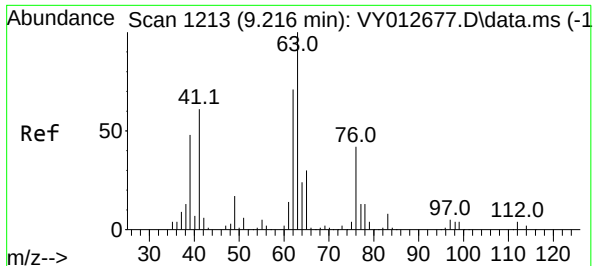


#44
Trichloroethene
Concen: 49.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion:130 Resp: 63978
Ion Ratio Lower Upper
130 100
95 92.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 48.501 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6182

Ion Ratio Lower Upper

63 100

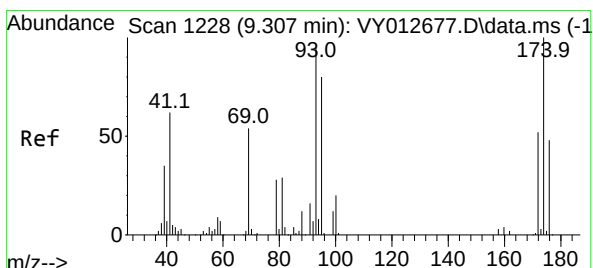
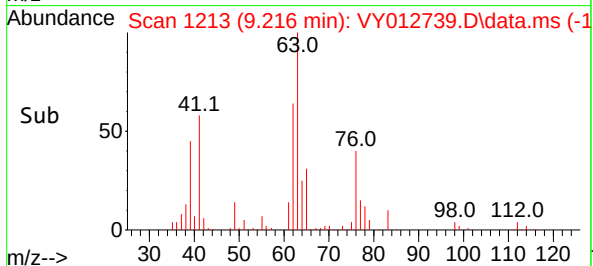
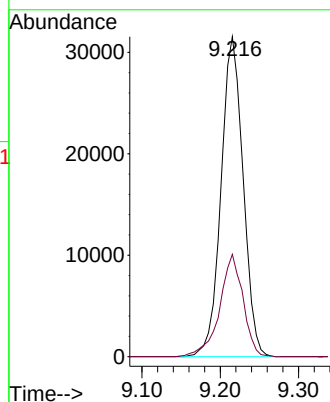
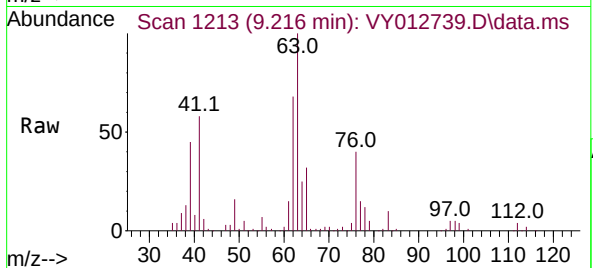
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 49.703 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

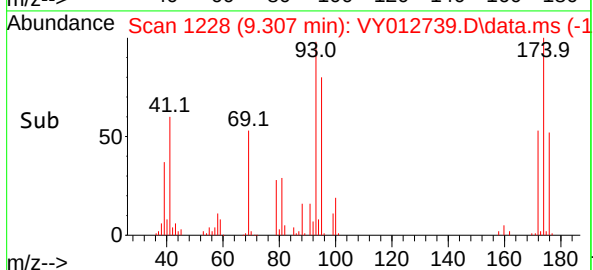
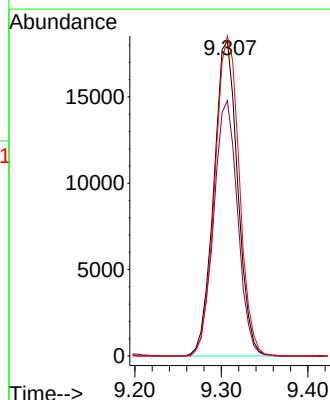
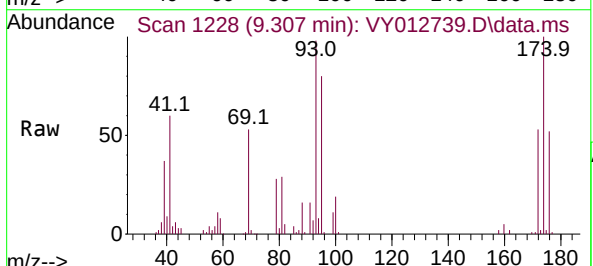
Tgt Ion: 93 Resp: 34974

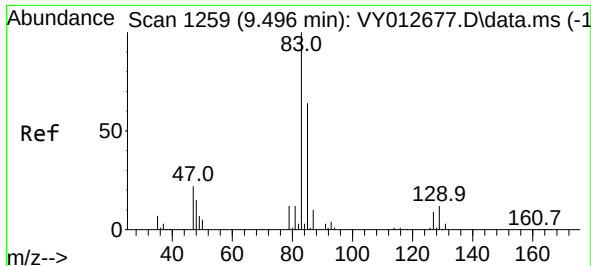
Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

174 103.6 79.8 119.6





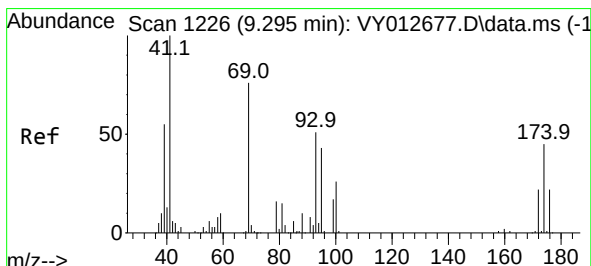
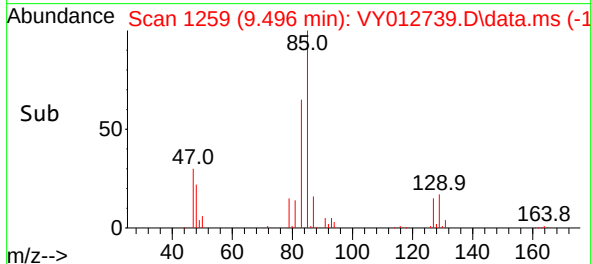
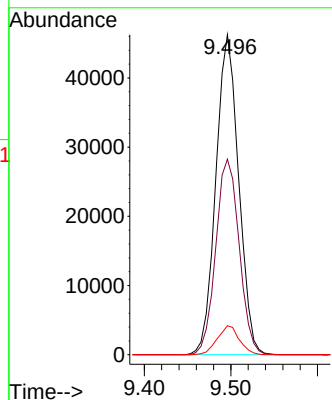
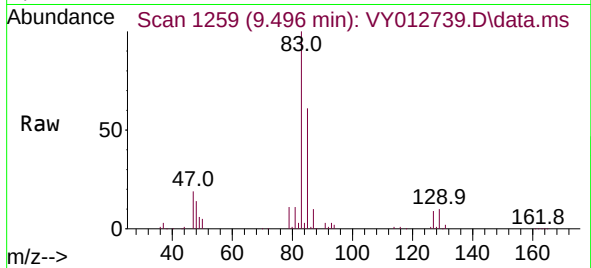
#47
Bromodichloromethane
Concen: 49.873 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 84484
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3
127 9.0 7.1 10.7

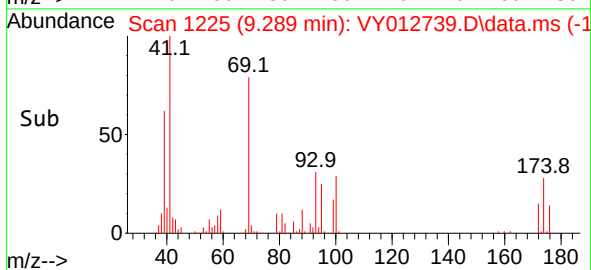
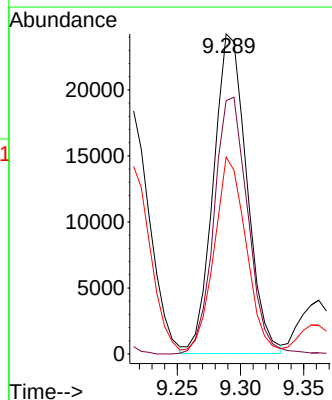
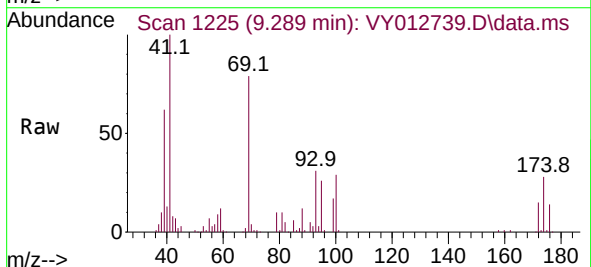
Manual Integrations
APPROVED

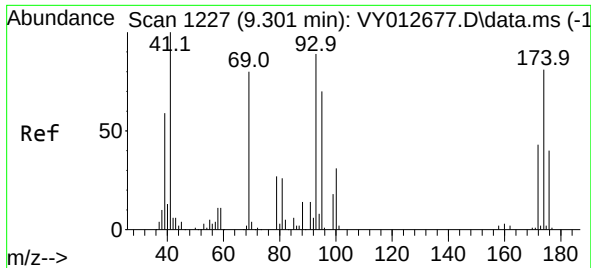
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 45.927 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion: 41 Resp: 44365
Ion Ratio Lower Upper
41 100
69 81.4 62.6 93.8
39 57.3 45.1 67.7





#49

1,4-Dioxane

Concen: 827.689 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8880

Ion Ratio Lower Upper

88 100

43 35.8 23.1 34.7

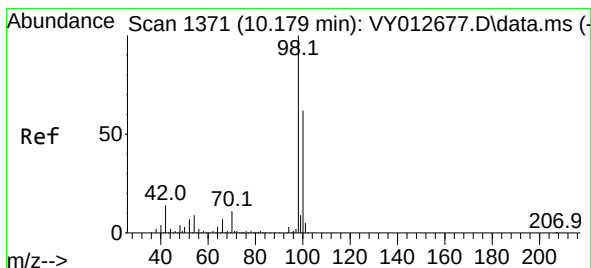
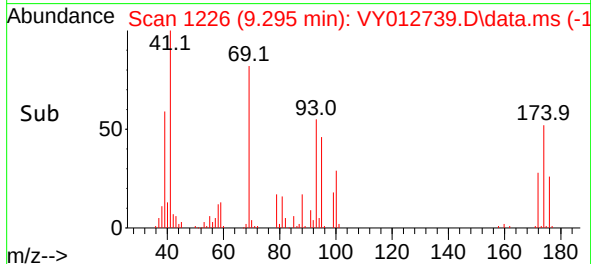
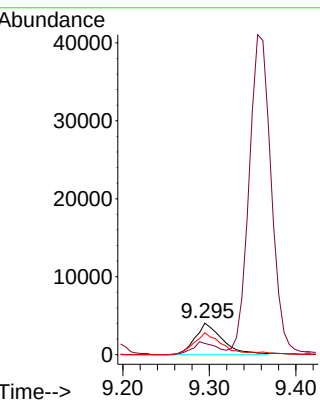
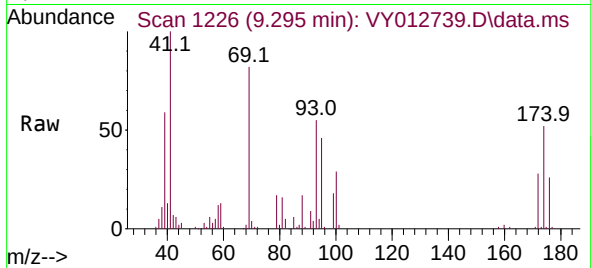
58 68.9 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

Toluene-d8

Concen: 48.409 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012739.D

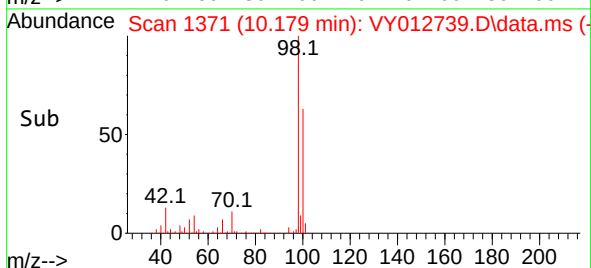
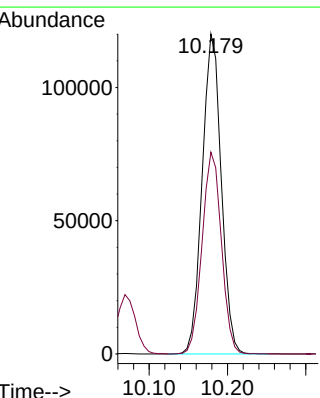
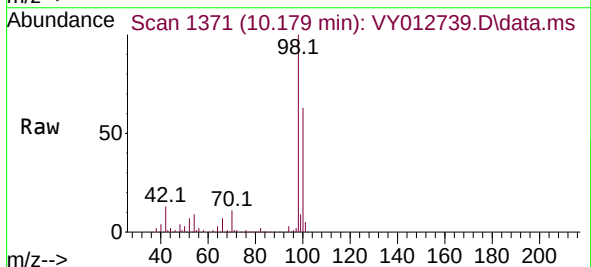
Acq: 27 Feb 2023 17:14

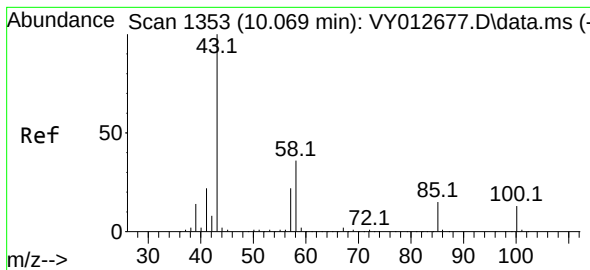
Tgt Ion: 98 Resp: 203129

Ion Ratio Lower Upper

98 100

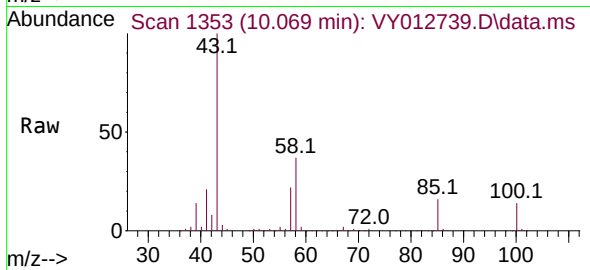
100 63.9 51.2 76.8





#51
4-Methyl-2-Pentanone
Concen: 234.016 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

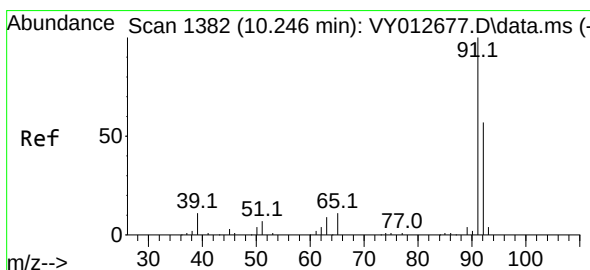
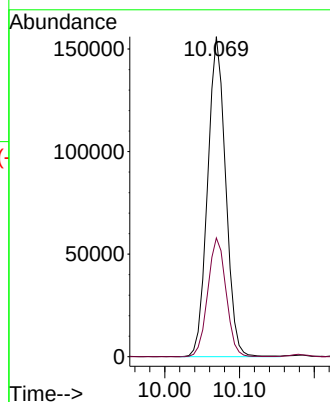
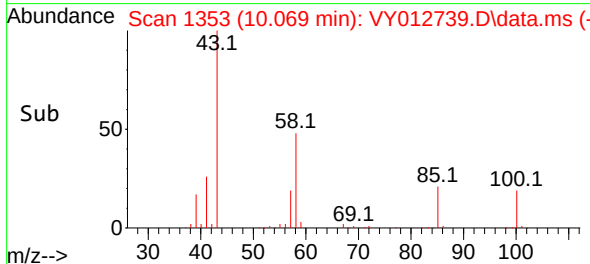
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



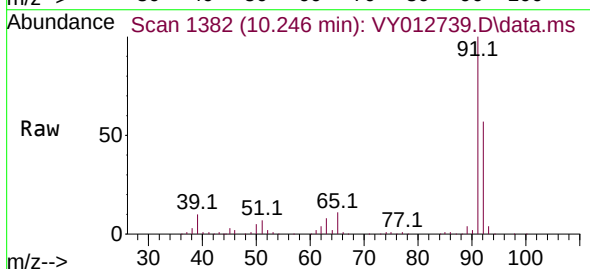
Tgt Ion: 43 Resp: 261318
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2

Manual Integrations
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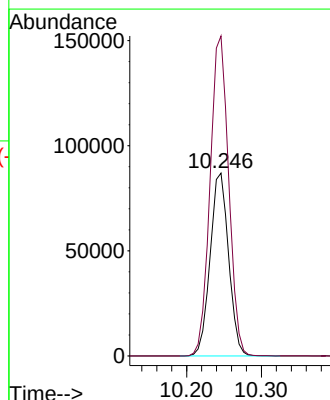
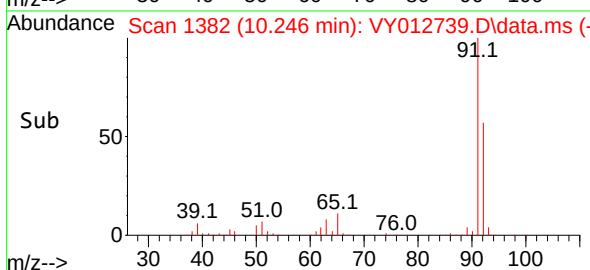
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

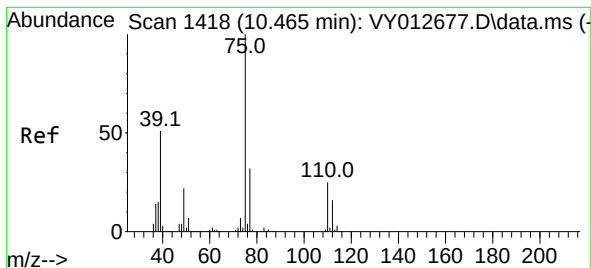


#52
Toluene
Concen: 50.802 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



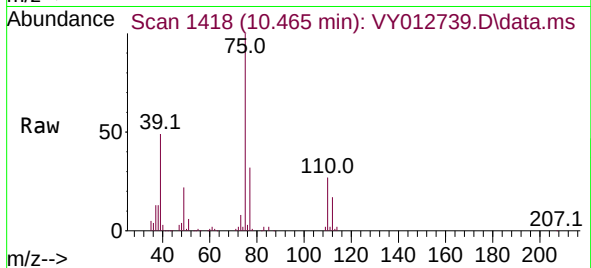
Tgt Ion: 92 Resp: 149167
Ion Ratio Lower Upper
92 100
91 176.0 139.5 209.3





#53
t-1,3-Dichloropropene
Concen: 49.407 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

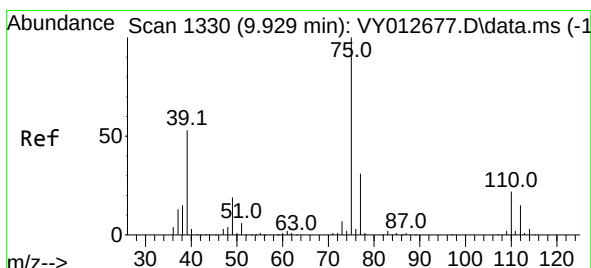
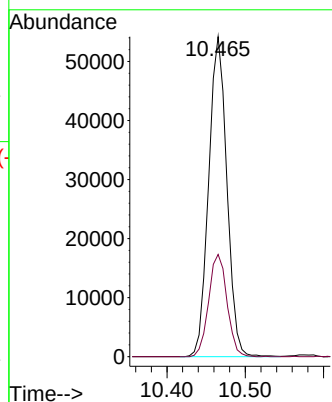
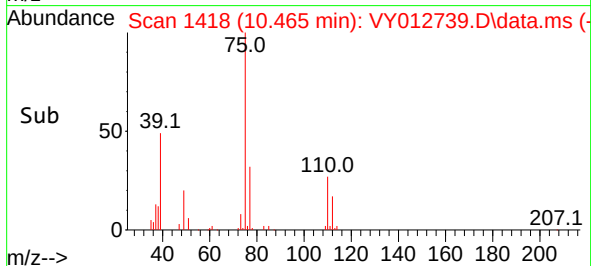
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



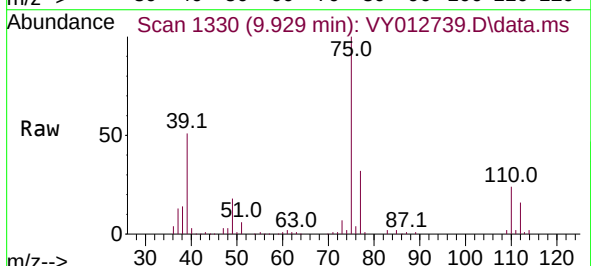
Tgt Ion: 75 Resp: 87459
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

Manual Integrations
APPROVED

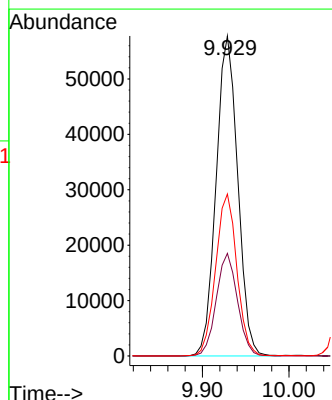
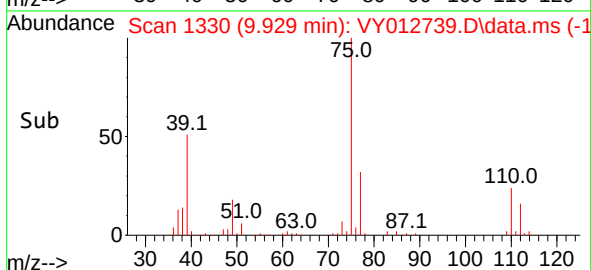
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

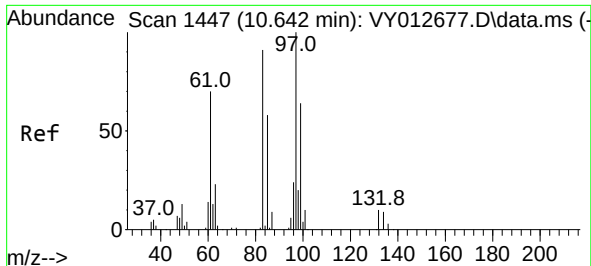


#54
cis-1,3-Dichloropropene
Concen: 49.948 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



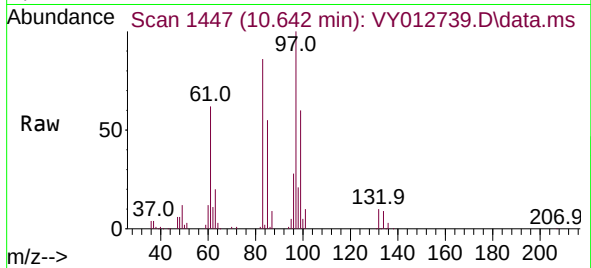
Tgt Ion: 75 Resp: 100048
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 50.6 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 51.607 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

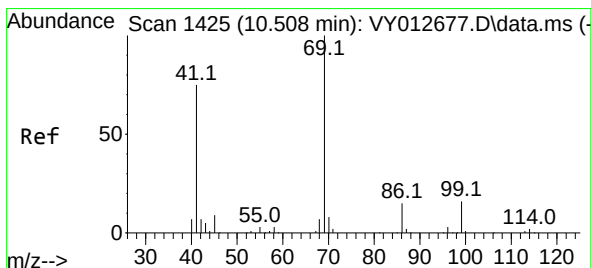
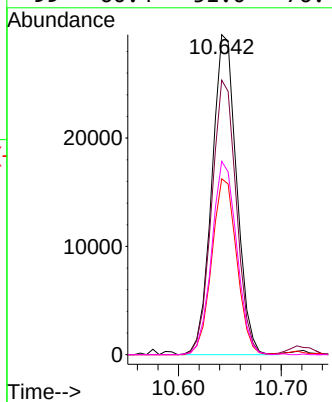
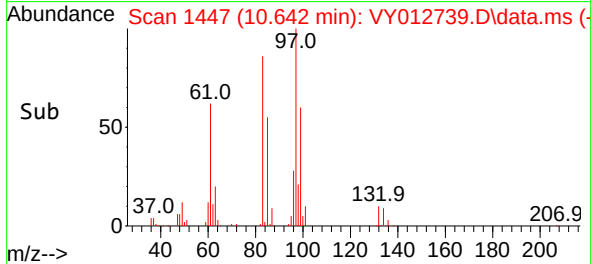
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	73.1	109.7
85	54.9	46.1	69.1
99	60.4	51.0	76.4

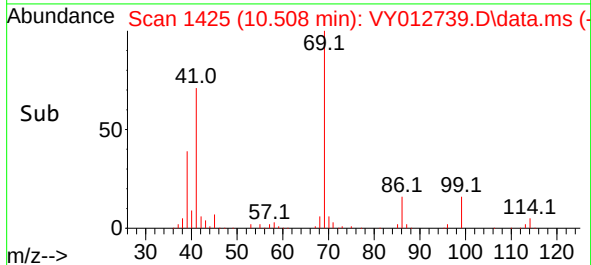
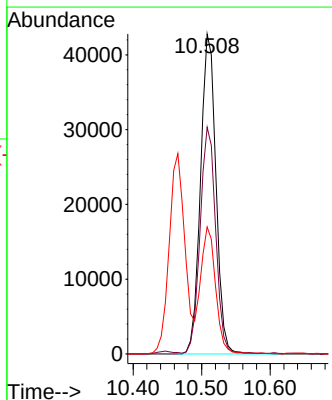
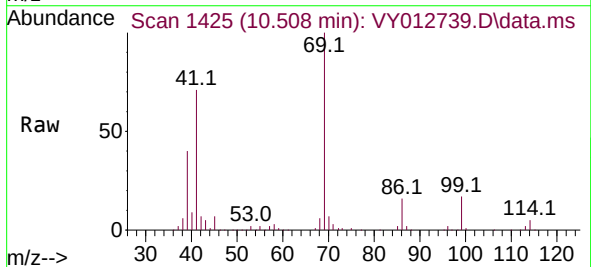
Manual Integrations
APPROVED

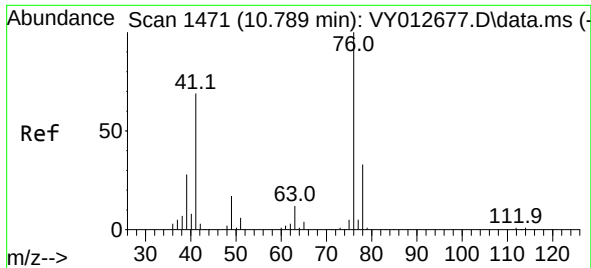
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#56
Ethyl methacrylate
Concen: 51.353 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

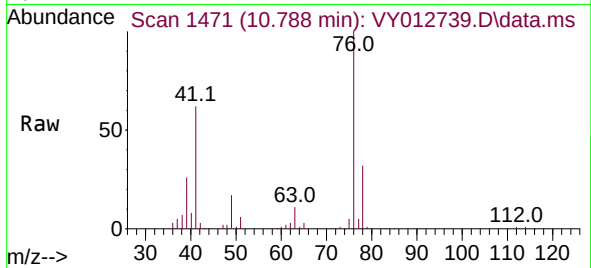
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	60.2	90.4
39	38.4	32.4	48.6





#57
1,3-Dichloropropane
Concen: 50.069 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

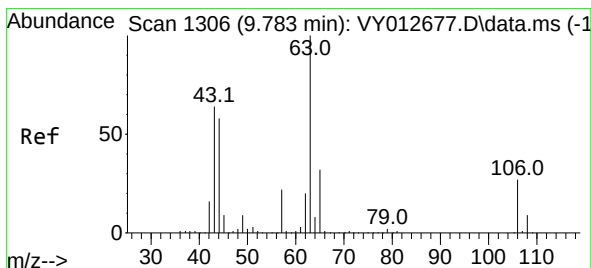
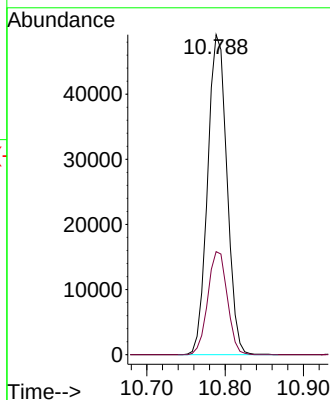
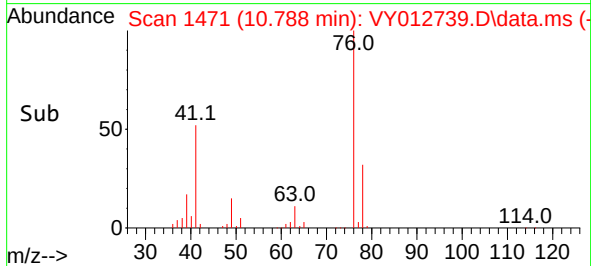
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 84108
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

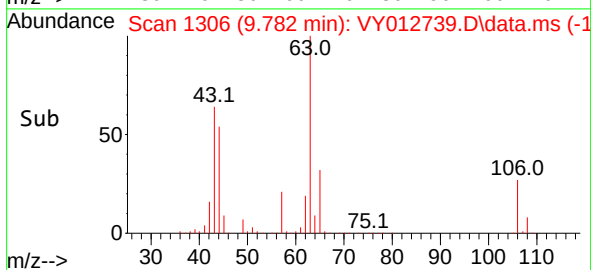
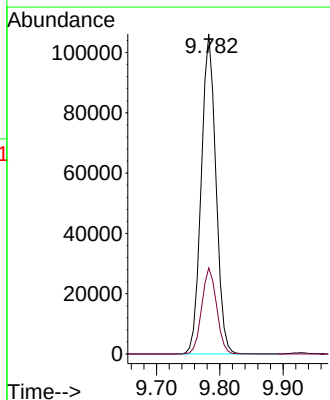
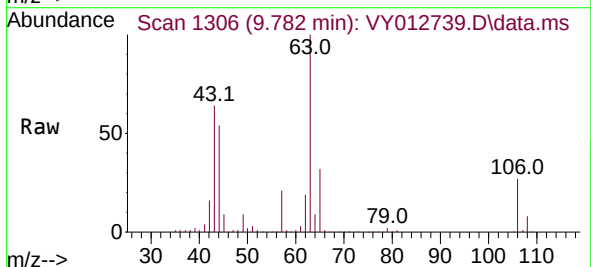
Manual Integrations
APPROVED

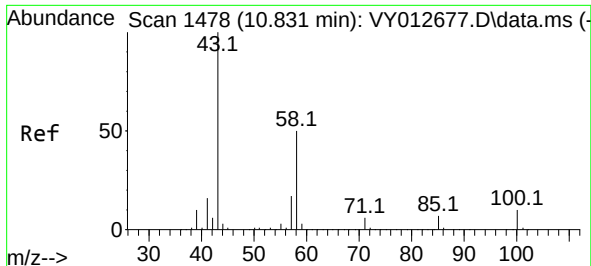
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 248.062 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

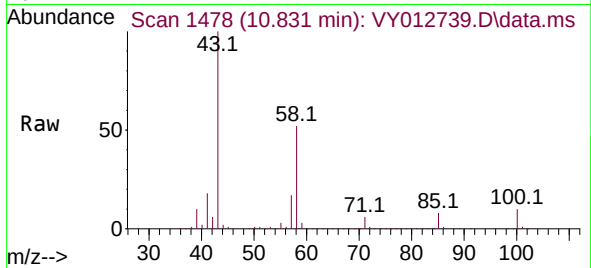
Tgt Ion: 63 Resp: 171304
Ion Ratio Lower Upper
63 100
106 27.1 21.0 31.6





#59
2-Hexanone
Concen: 240.096 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

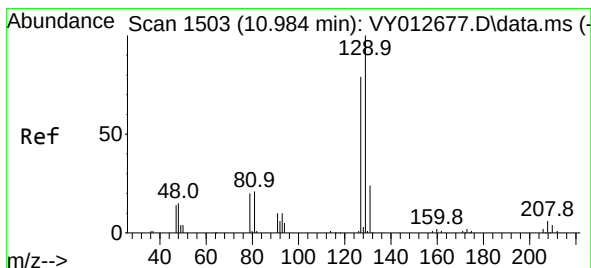
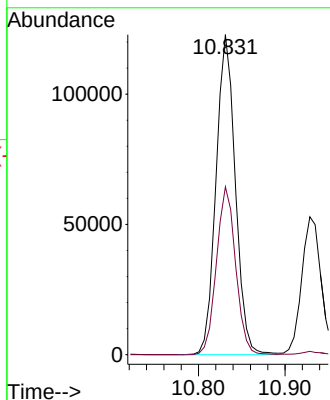
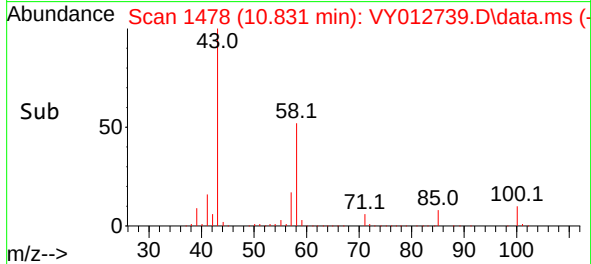
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 190065
Ion Ratio Lower Upper
43 100
58 52.1 24.9 74.6

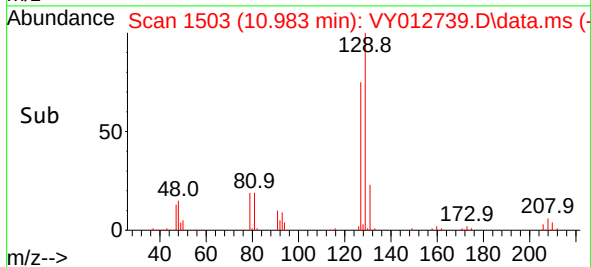
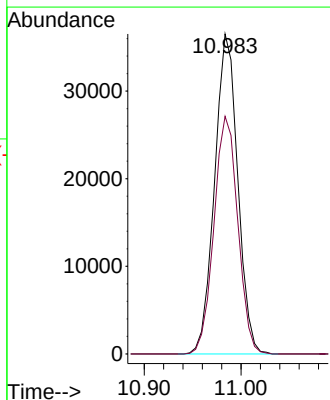
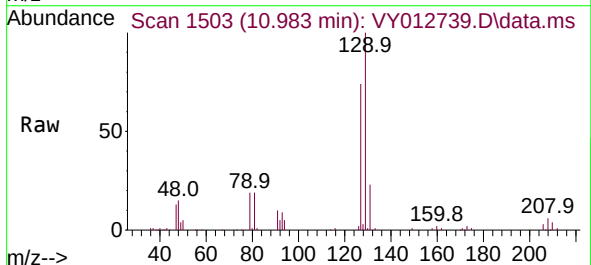
Manual Integrations
APPROVED

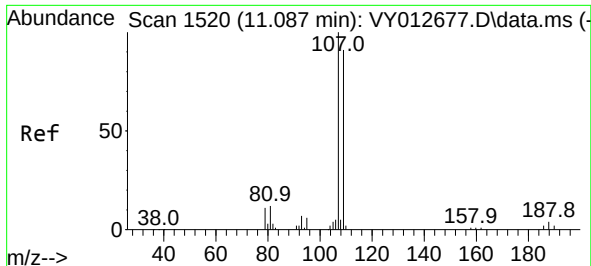
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 52.313 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:129 Resp: 60575
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





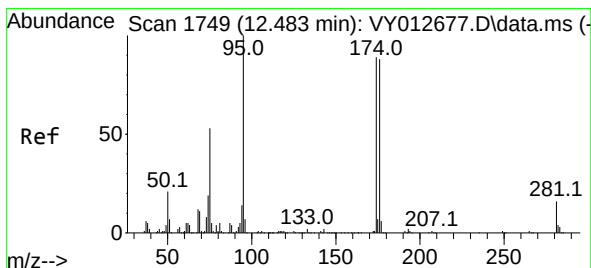
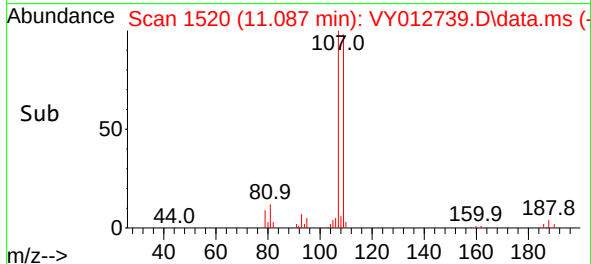
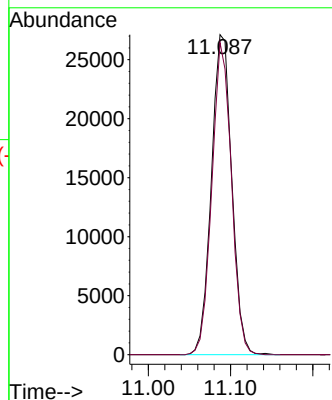
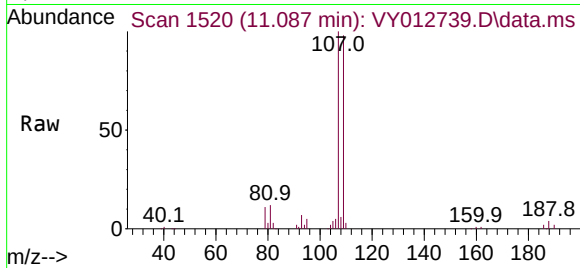
#61
1,2-Dibromoethane
Concen: 51.166 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 4685
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

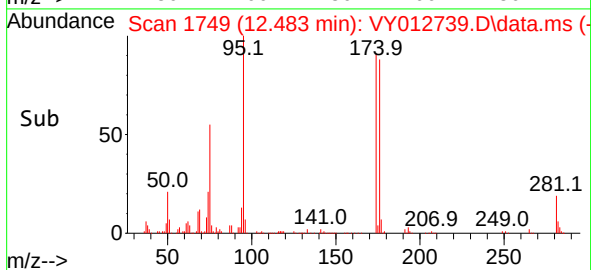
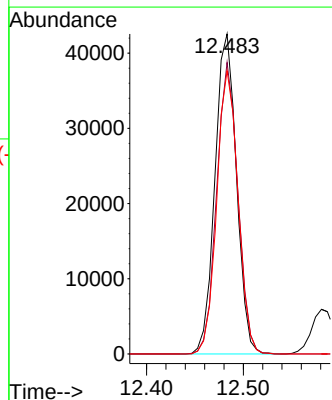
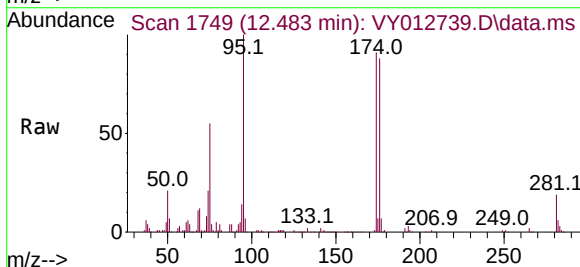
Manual Integrations
APPROVED

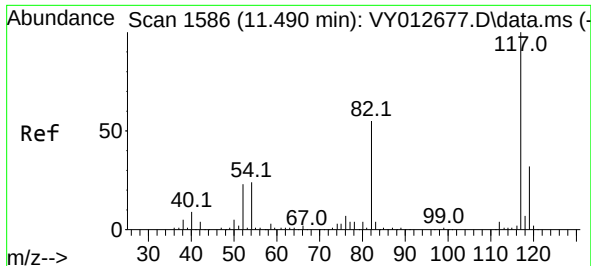
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 48.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

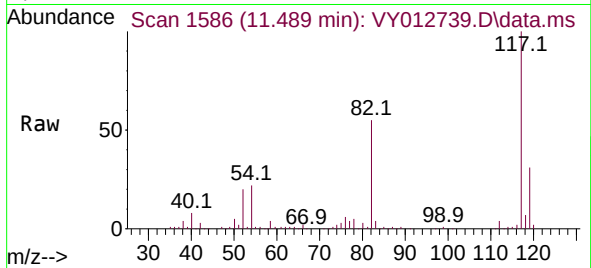
Tgt Ion: 95 Resp: 65681
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.8
176 87.3 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

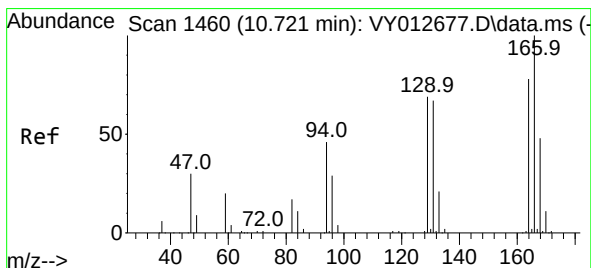
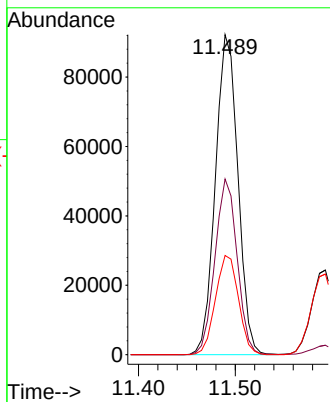
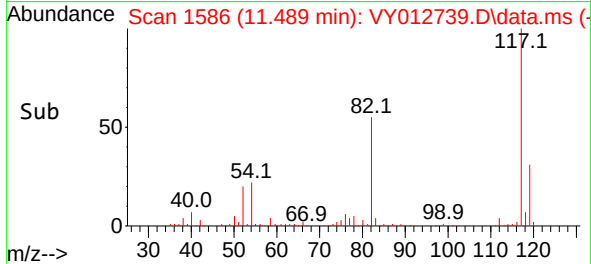
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 149030
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 31.0 25.5 38.3

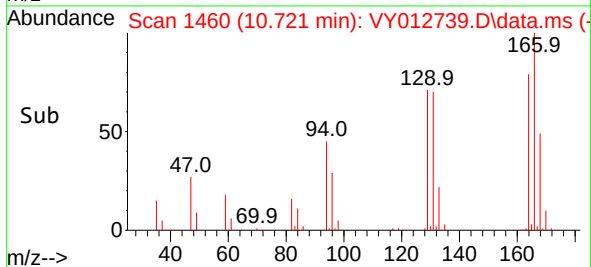
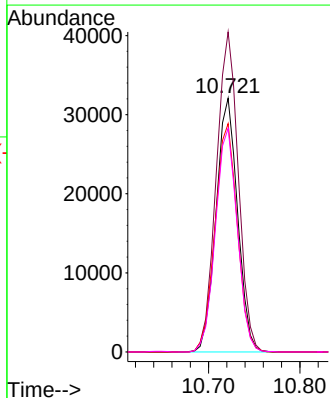
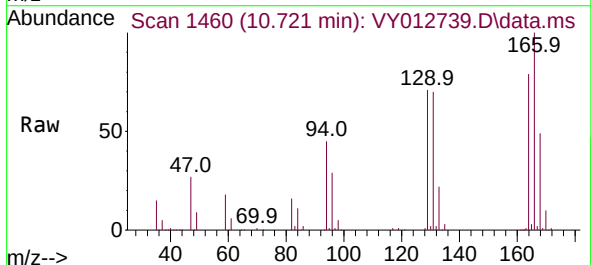
Manual Integrations
APPROVED

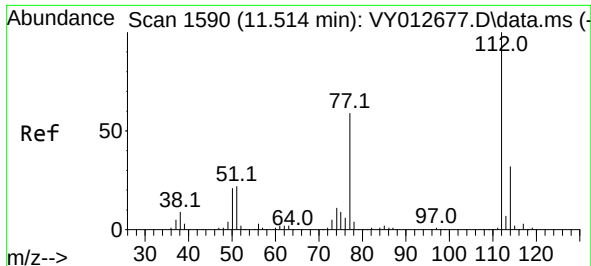
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
Tetrachloroethene
Concen: 48.485 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

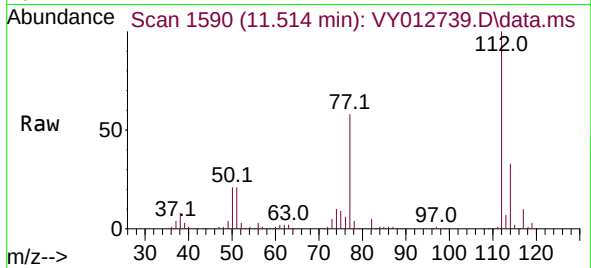
Tgt Ion:164 Resp: 52552
Ion Ratio Lower Upper
164 100
166 126.1 102.2 153.4
129 90.0 71.0 106.6
131 88.1 68.4 102.6





#65
Chlorobenzene
Concen: 49.615 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

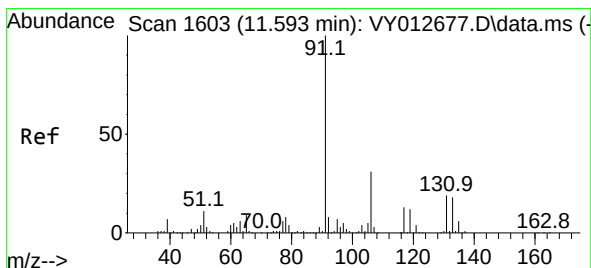
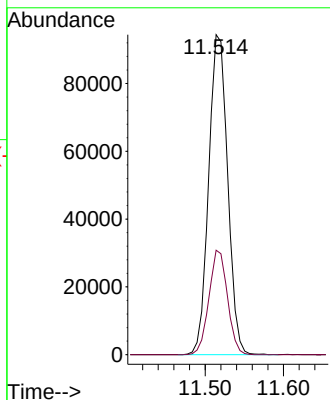
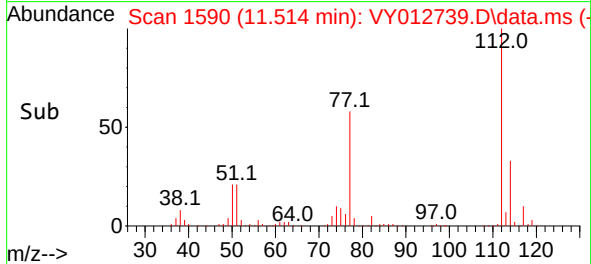
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 15856
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

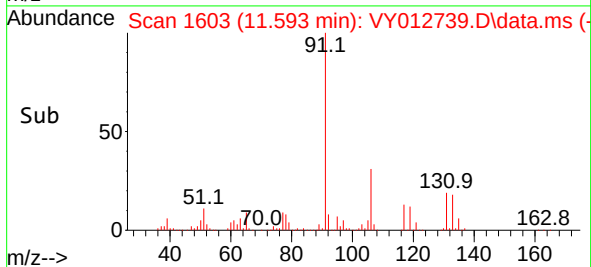
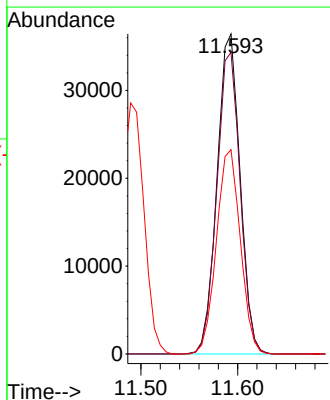
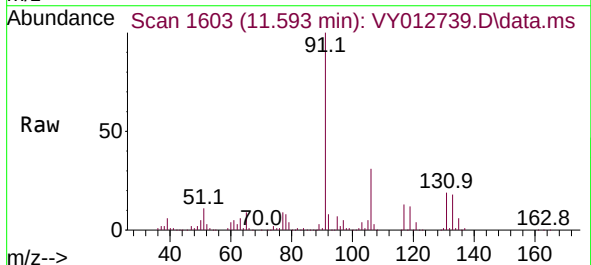
Manual Integrations
APPROVED

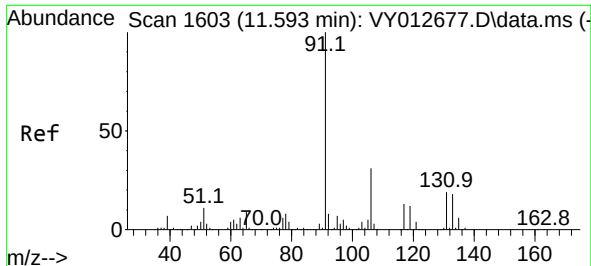
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.873 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:131 Resp: 60252
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 66.3 32.4 97.2





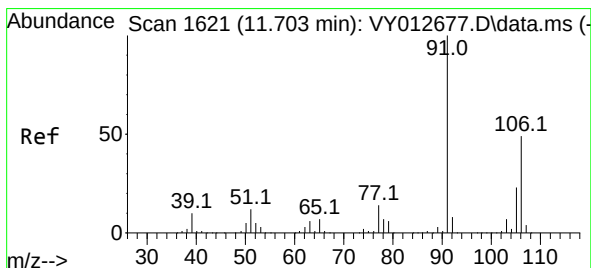
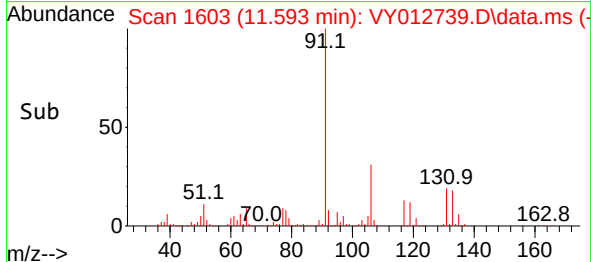
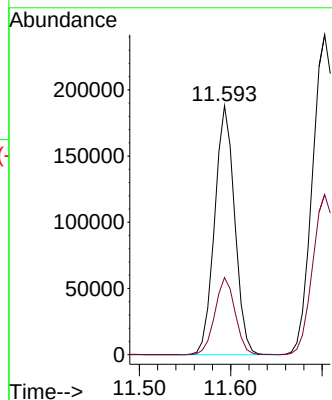
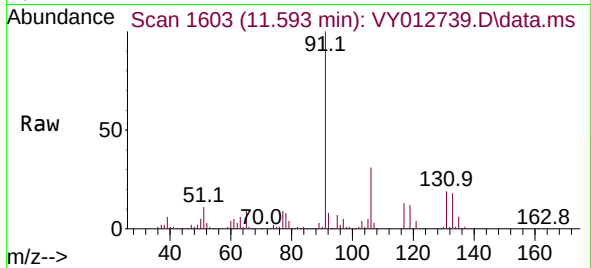
#67
Ethyl Benzene
Concen: 50.045 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 28588
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

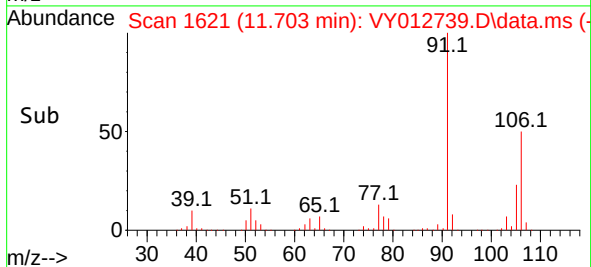
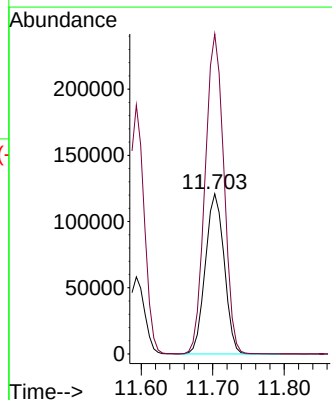
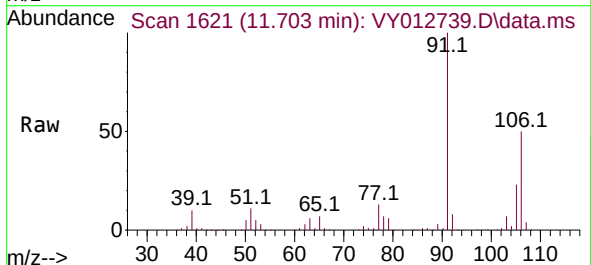
Manual Integrations
APPROVED

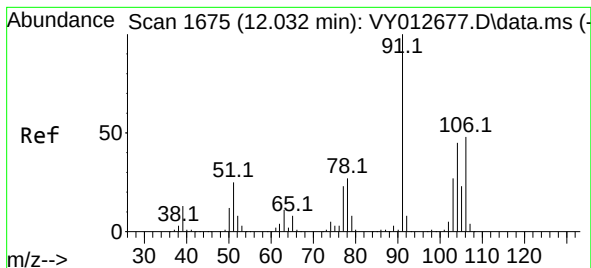
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#68
m/p-Xylenes
Concen: 101.702 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:106 Resp: 221624
Ion Ratio Lower Upper
106 100
91 198.8 163.2 244.8





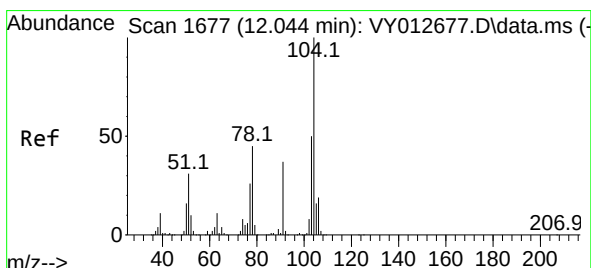
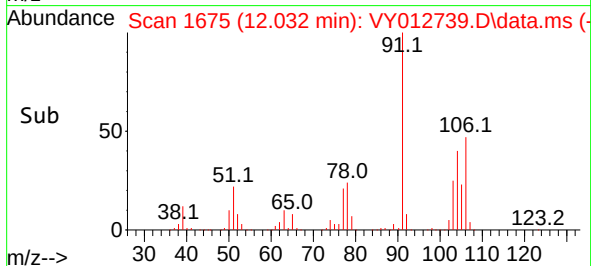
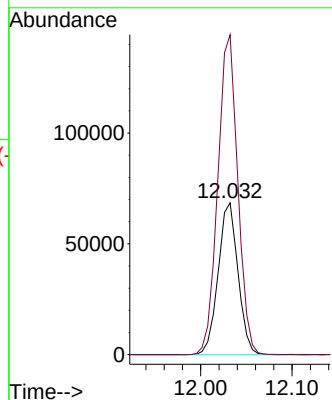
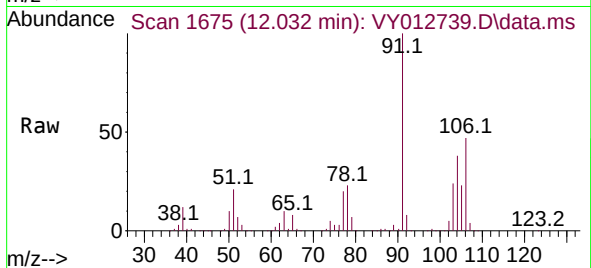
#69
o-Xylene
Concen: 51.210 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10336
Ion Ratio Lower Upper
106 100
91 212.3 106.3 319.0

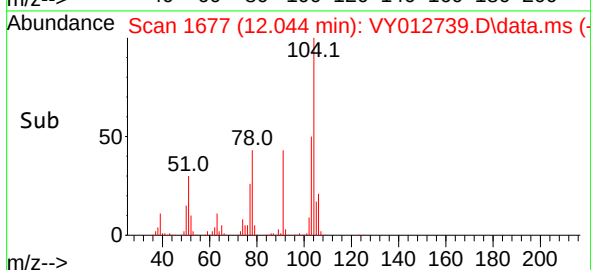
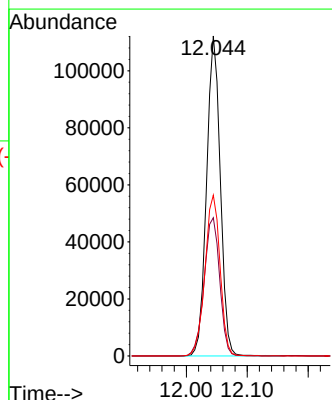
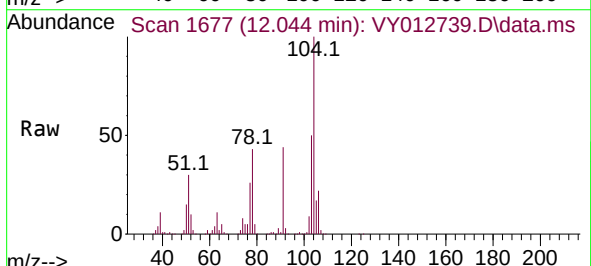
Manual Integrations
APPROVED

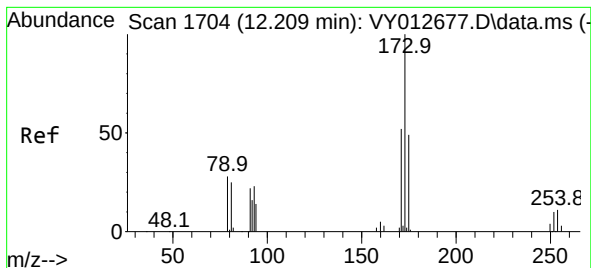
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 52.030 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:104 Resp: 176015
Ion Ratio Lower Upper
104 100
78 49.0 40.6 61.0
103 55.2 44.1 66.1





#71

Bromoform

Concen: 50.952 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

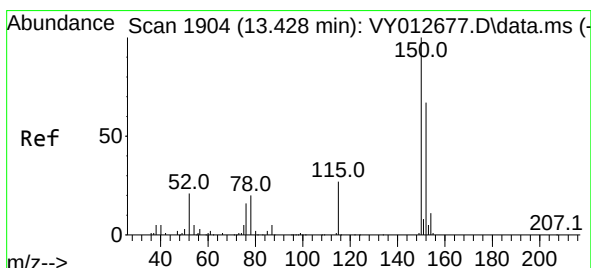
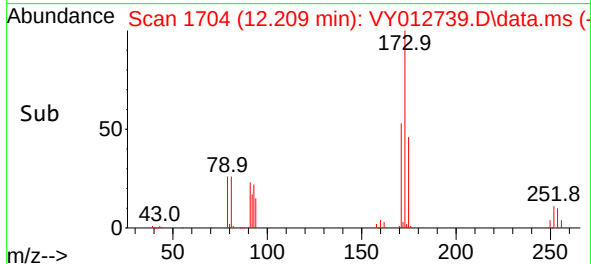
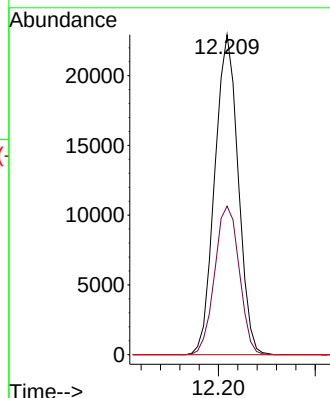
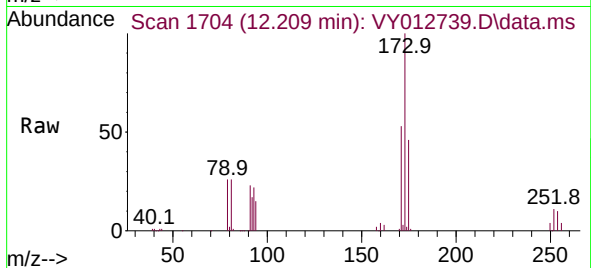
Tgt Ion:173	Resp:	3850
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

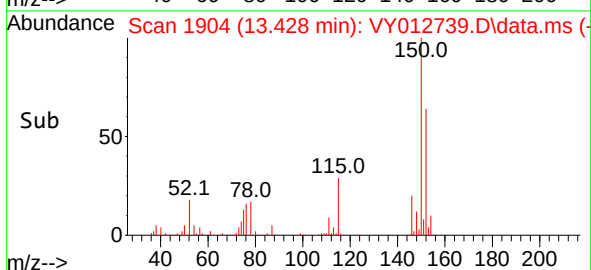
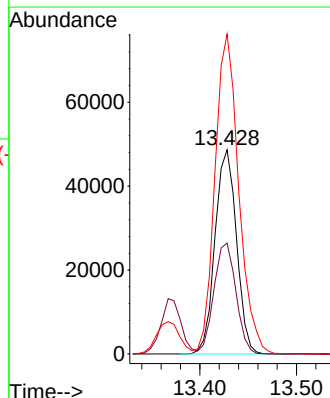
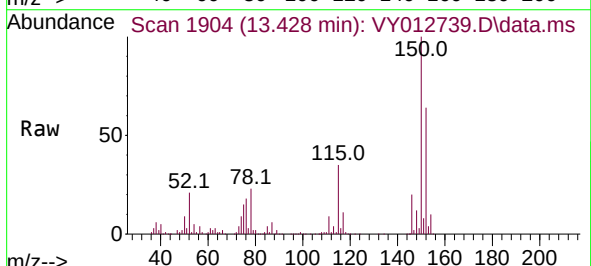
RT: 13.428 min Scan# 1904

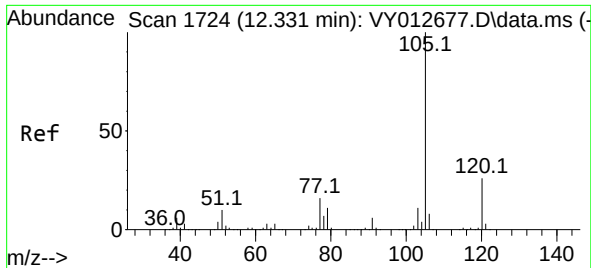
Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

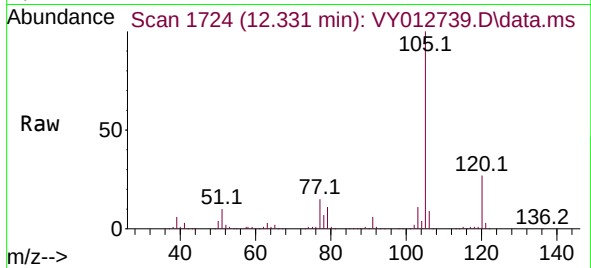
Tgt Ion:152	Resp:	75052
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.7 86.3
150	173.2	0.0 347.6





#73
Isopropylbenzene
Concen: 49.823 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

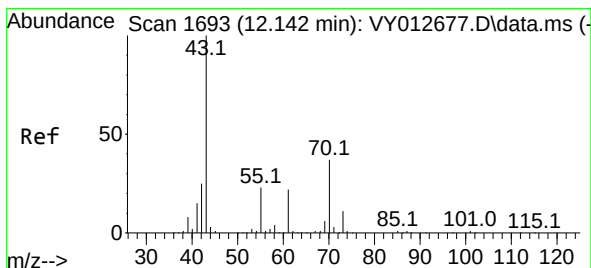
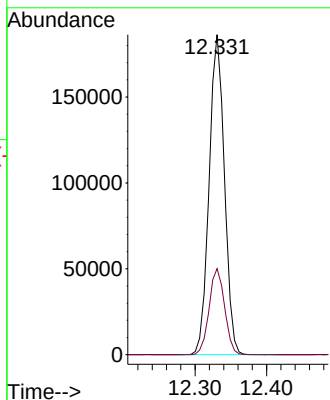
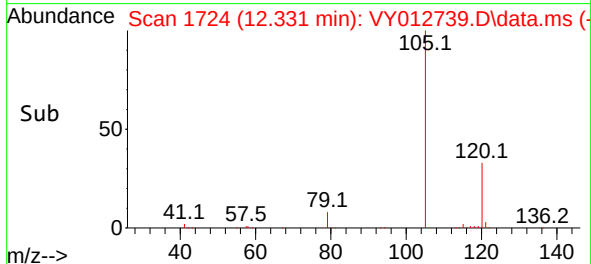
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 276332
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.5

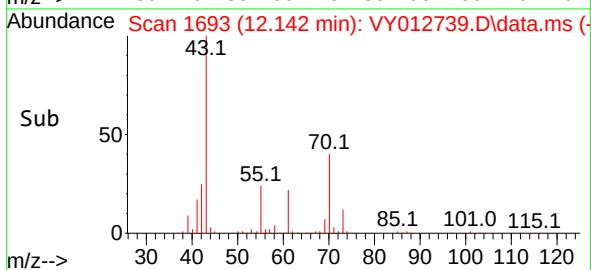
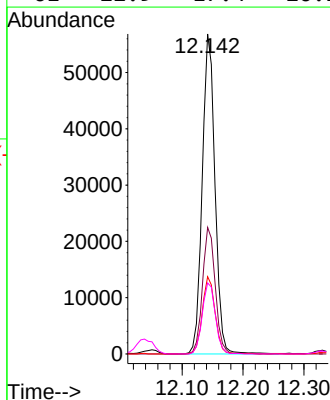
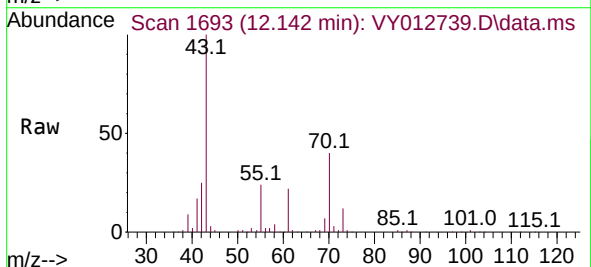
Manual Integrations
APPROVED

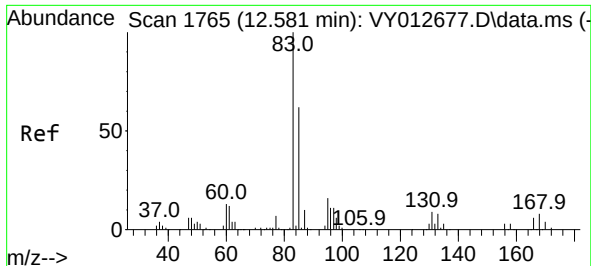
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 45.421 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

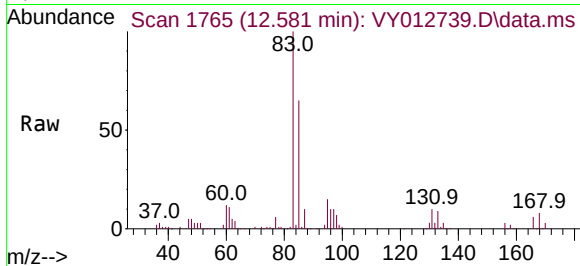
Tgt Ion: 43 Resp: 82812
Ion Ratio Lower Upper
43 100
70 39.7 29.8 44.6
55 24.3 18.2 27.2
61 22.9 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.867 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

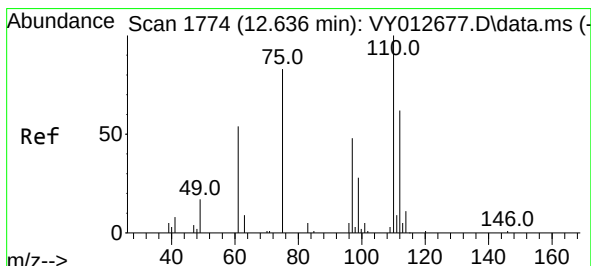
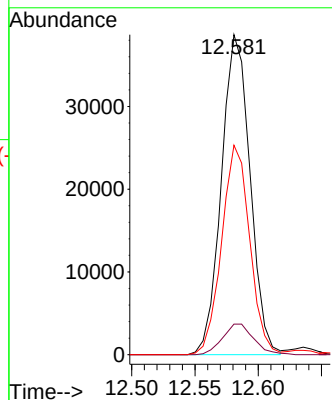
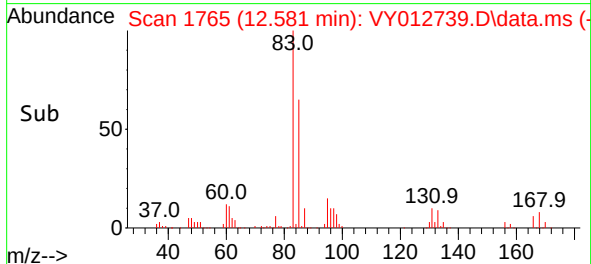
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



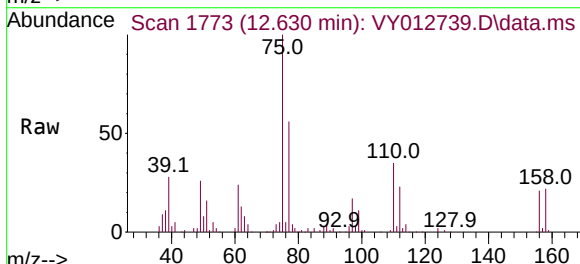
Tgt Ion: 83 Resp: 60940
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.4 31.6 95.0

Manual Integrations
APPROVED

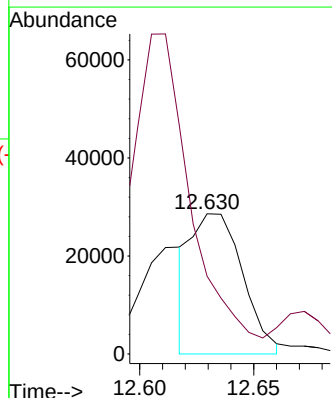
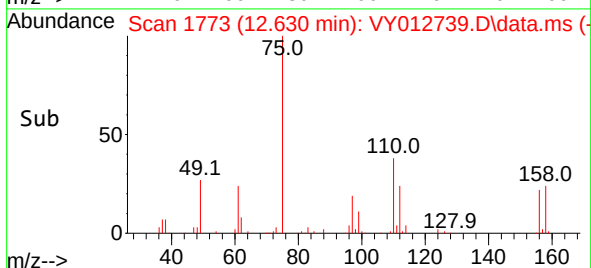
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

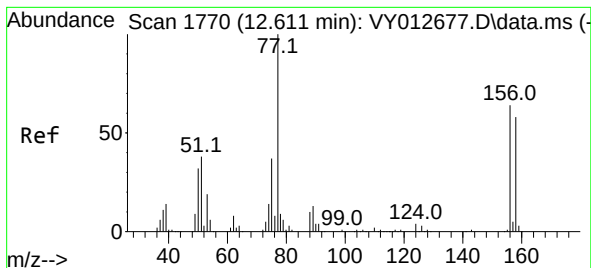


#76
1,2,3-Trichloropropane
Concen: 47.771 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 75 Resp: 44697
Ion Ratio Lower Upper
75 100
77 269.4 0.0 0.0#





#77

Bromobenzene

Concen: 49.711 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

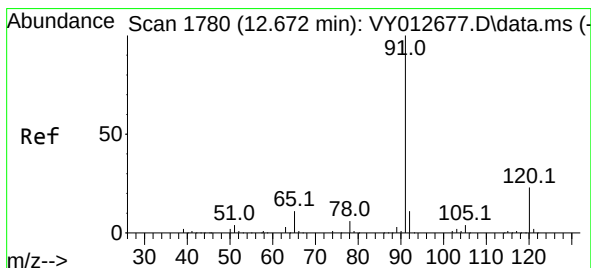
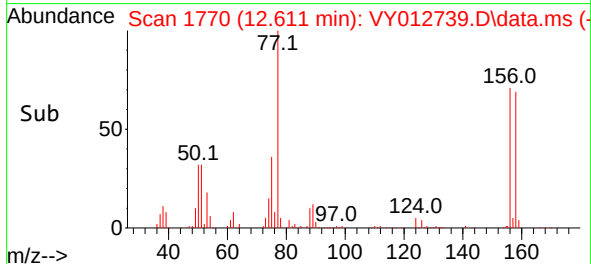
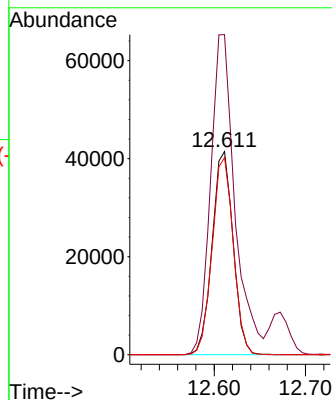
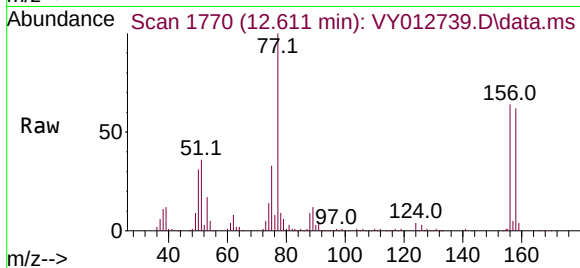
Tgt Ion:	156	Resp:	6606
Ion Ratio	Lower	Upper	
156	100		
77	182.3	96.3	288.8
158	97.5	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#78

n-propylbenzene

Concen: 49.180 ug/l

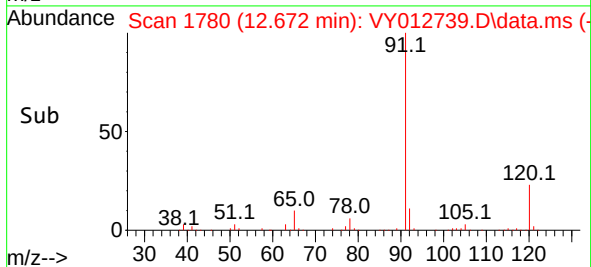
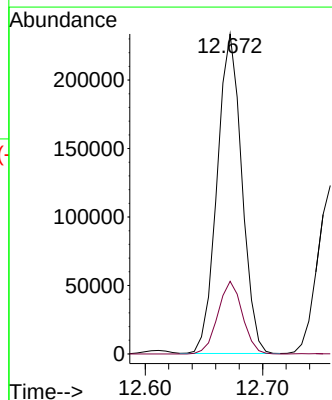
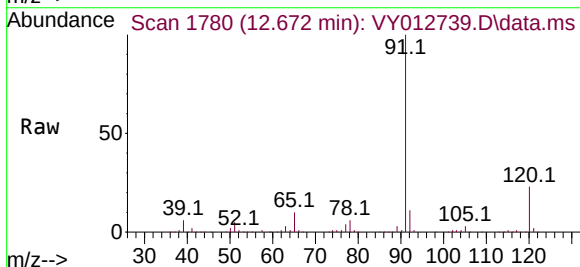
RT: 12.672 min Scan# 1780

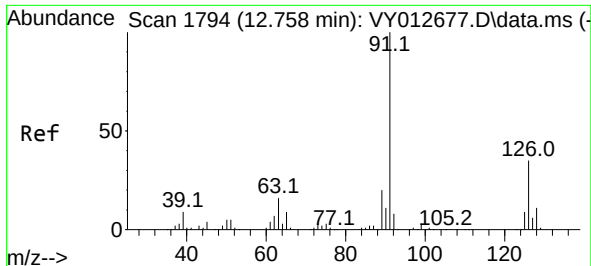
Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Tgt Ion:	91	Resp:	341183
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.8





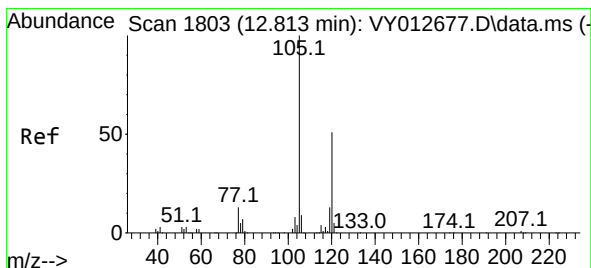
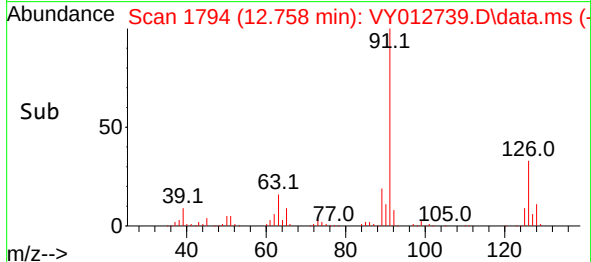
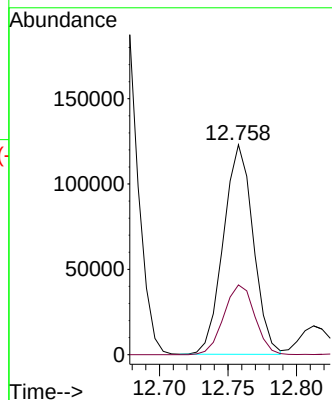
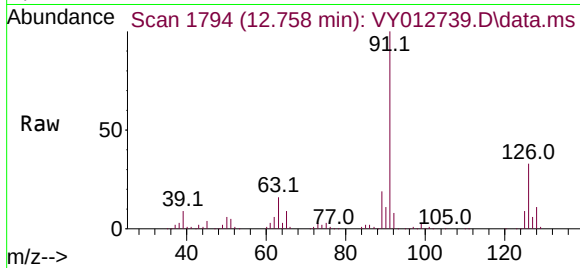
#79
2-Chlorotoluene
Concen: 48.407 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 186564
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7

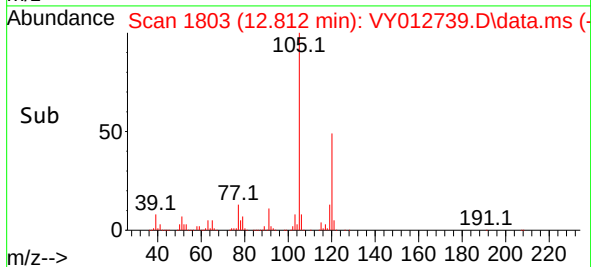
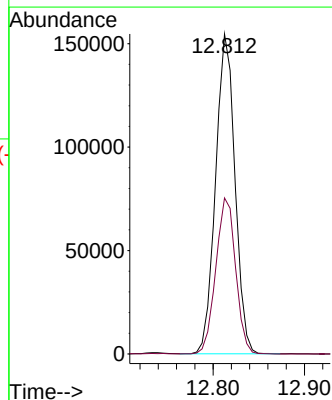
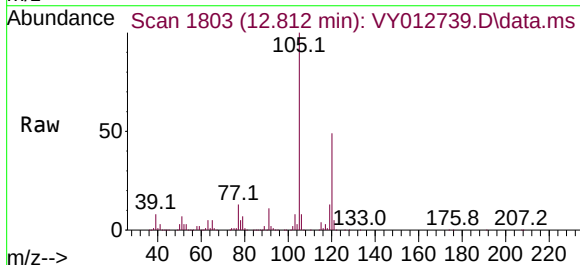
Manual Integrations
APPROVED

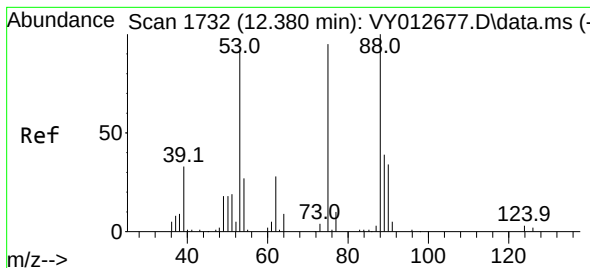
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.168 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:105 Resp: 227791
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





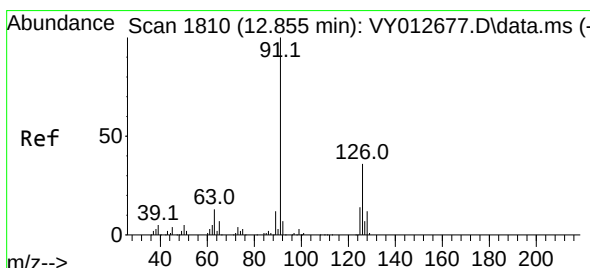
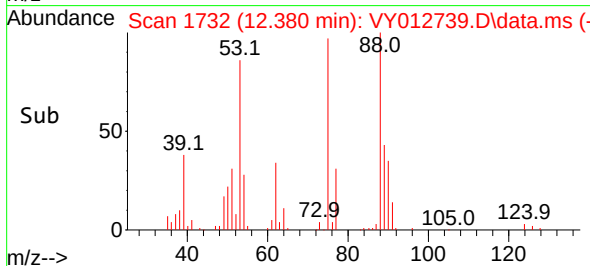
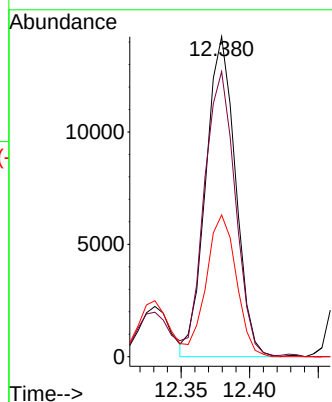
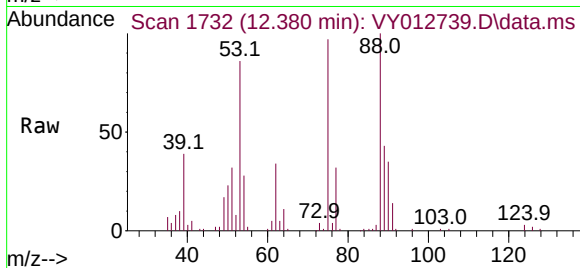
#81
trans-1,4-Dichloro-2-butene
Concen: 48.660 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 91.8 80.4 120.6
89 44.2 36.5 54.7

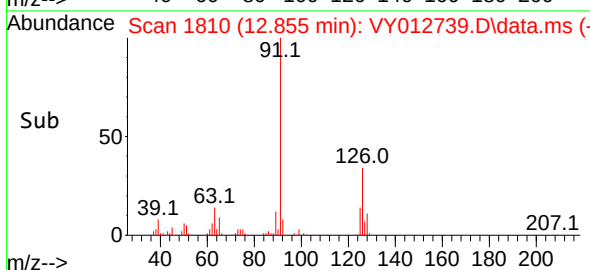
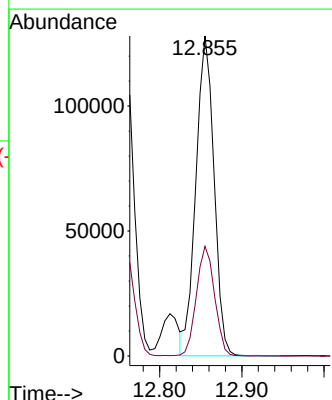
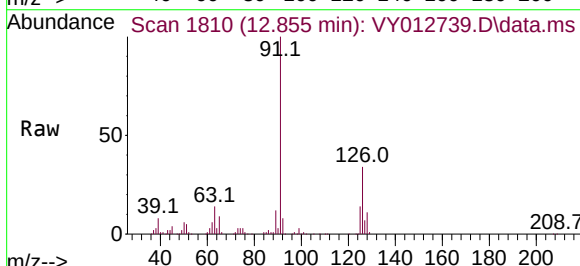
Manual Integrations
APPROVED

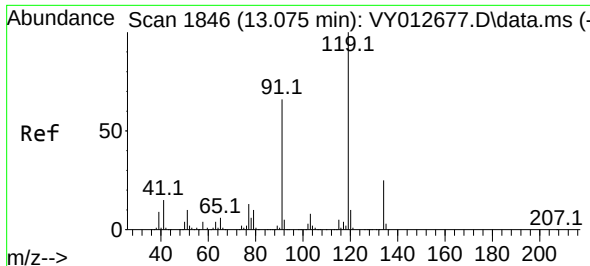
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
4-Chlorotoluene
Concen: 48.971 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

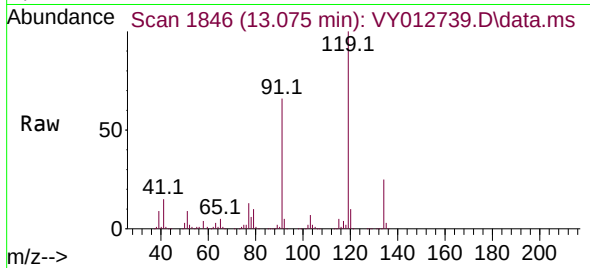
Tgt Ion: 91 Resp: 195749
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5





#83
tert-Butylbenzene
Concen: 49.959 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

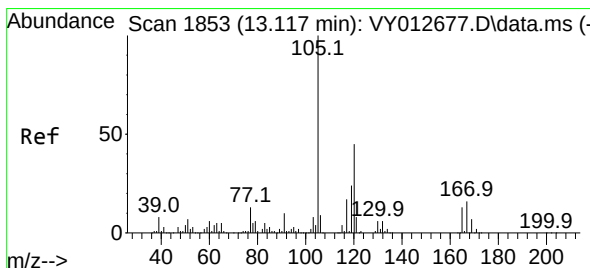
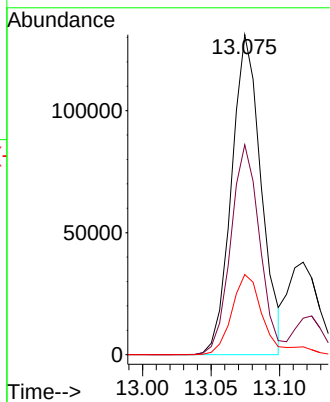
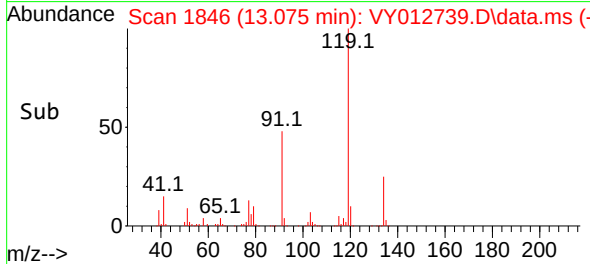
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 197644
Ion Ratio Lower Upper
119 100
91 64.6 32.4 97.2
134 27.0 13.6 40.8

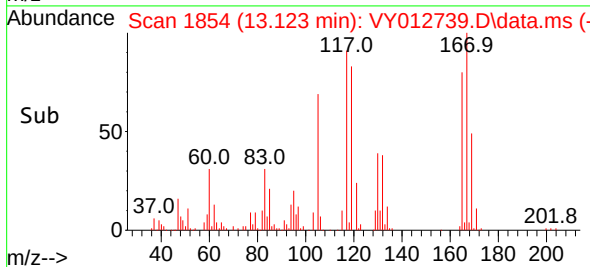
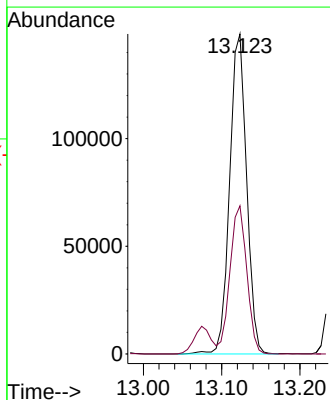
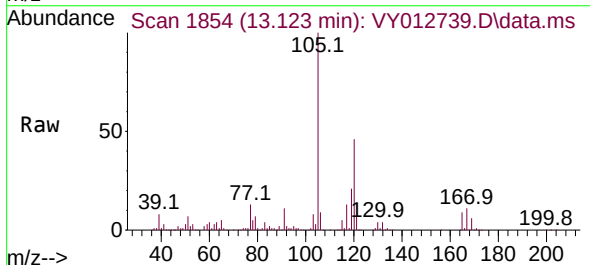
Manual Integrations
APPROVED

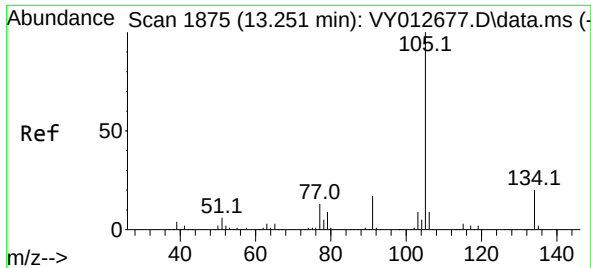
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.166 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:105 Resp: 222674
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.0





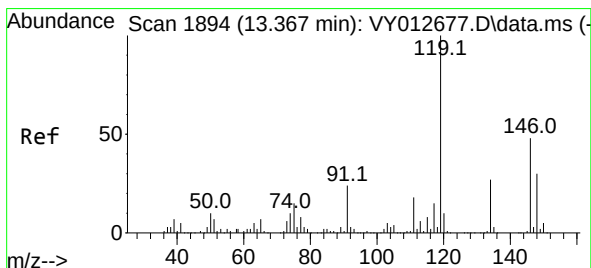
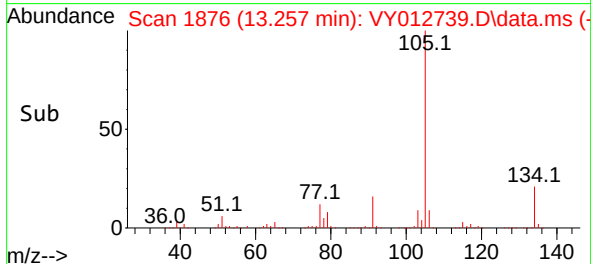
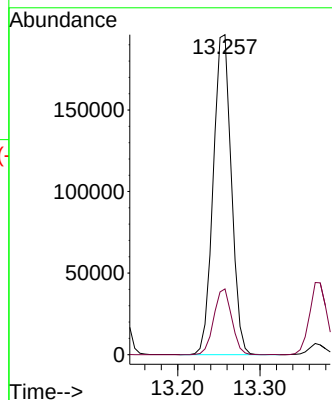
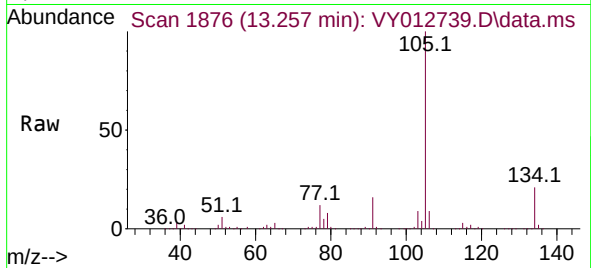
#85
 sec-Butylbenzene
 Concen: 49.738 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 29938
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

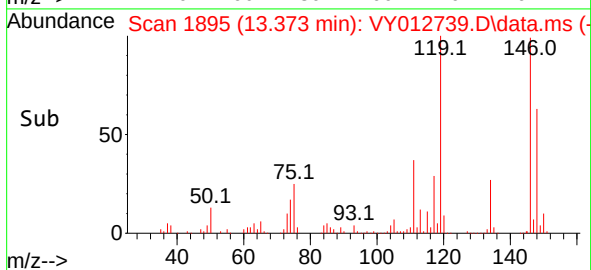
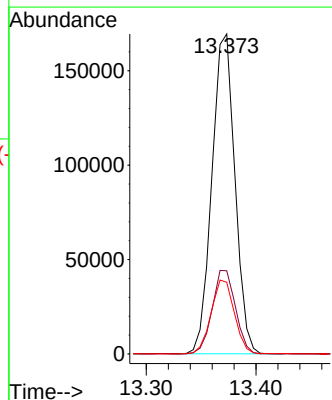
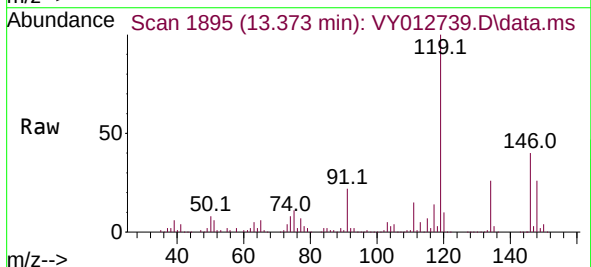
Manual Integrations
 APPROVED

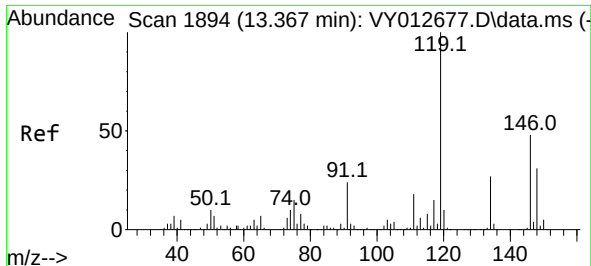
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#86
 p-Isopropyltoluene
 Concen: 49.869 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012739.D
 Acq: 27 Feb 2023 17:14

Tgt Ion:119 Resp: 247211
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.045 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 12766

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

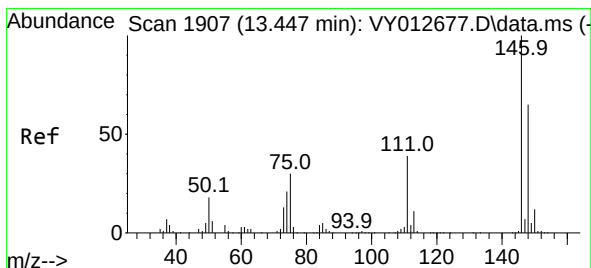
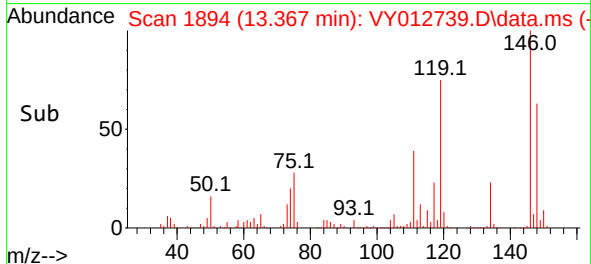
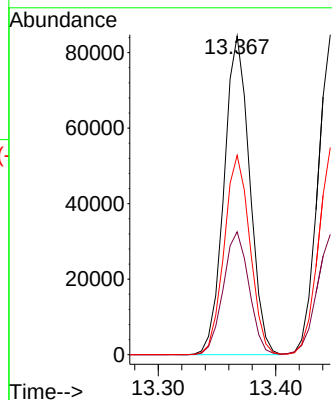
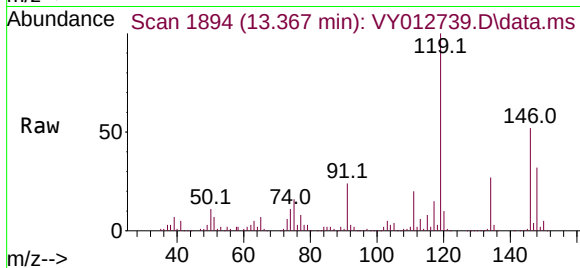
148 63.0 31.3 93.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#88

1,4-Dichlorobenzene

Concen: 48.306 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

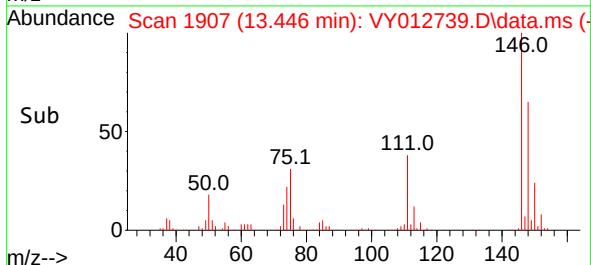
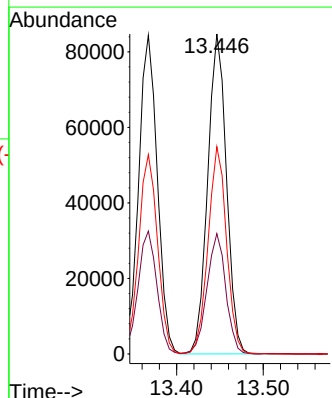
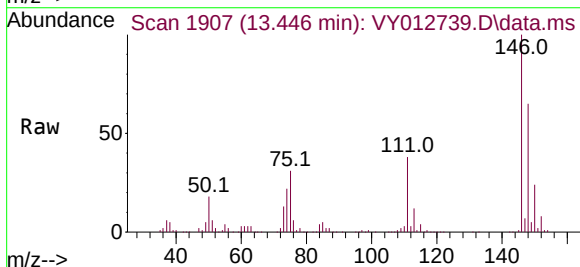
Tgt Ion:146 Resp: 127507

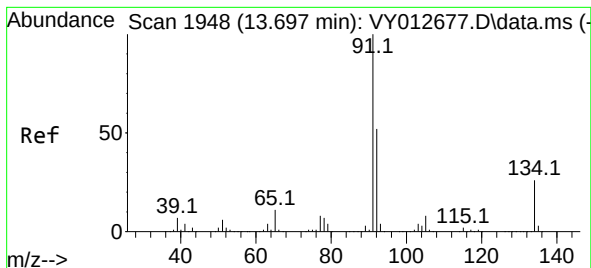
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

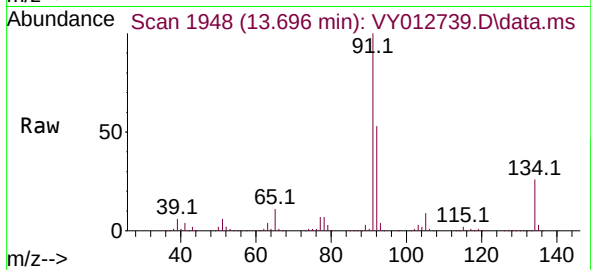
148 63.9 32.0 96.0





#89
n-Butylbenzene
Concen: 49.306 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

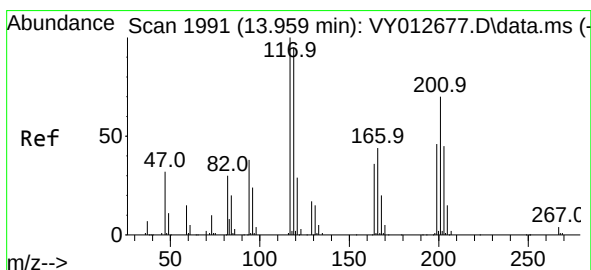
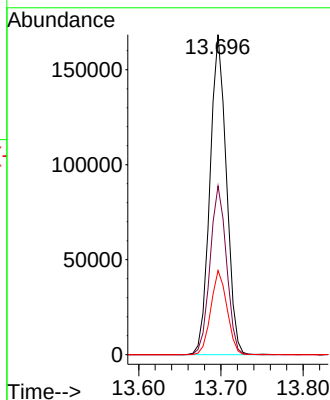
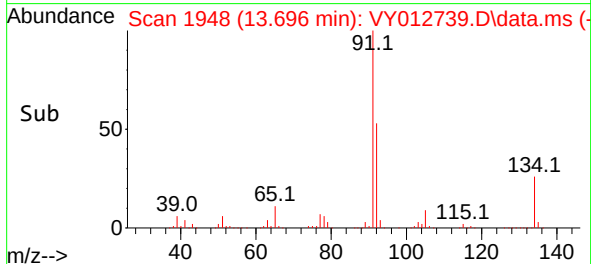
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 234078
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.8
134 25.8 13.0 38.9

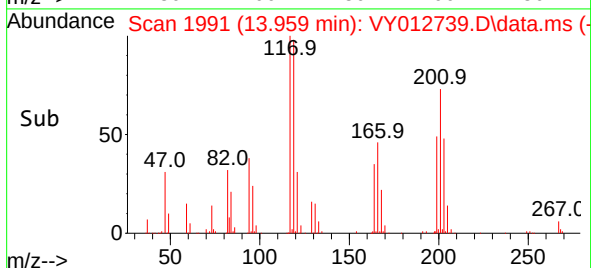
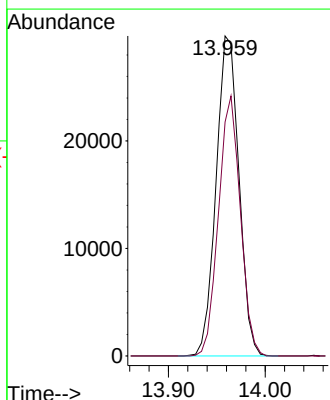
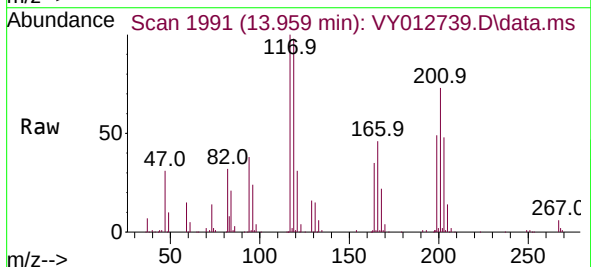
Manual Integrations
APPROVED

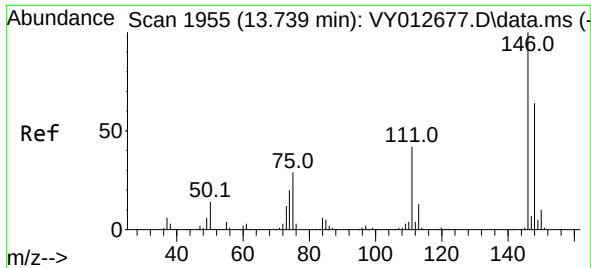
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 48.527 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

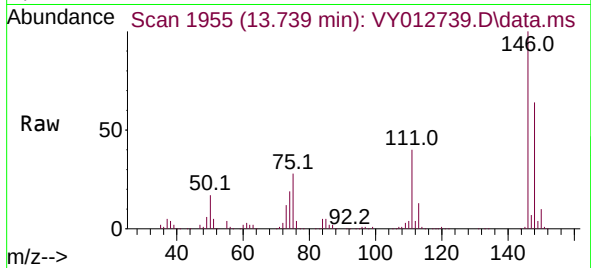
Tgt Ion:117 Resp: 48818
Ion Ratio Lower Upper
117 100
201 77.6 38.3 114.8





#91
1,2-Dichlorobenzene
Concen: 49.608 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

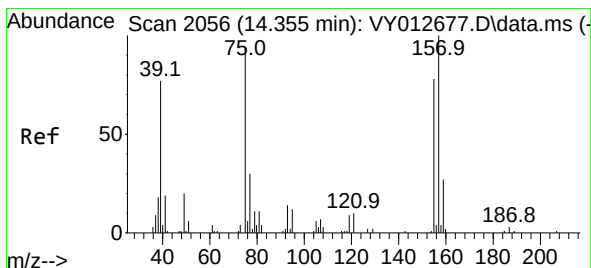
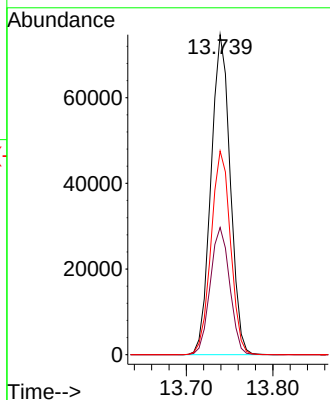
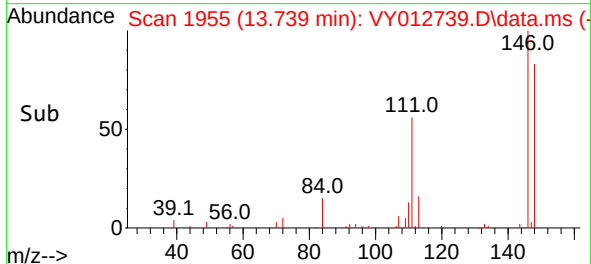
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



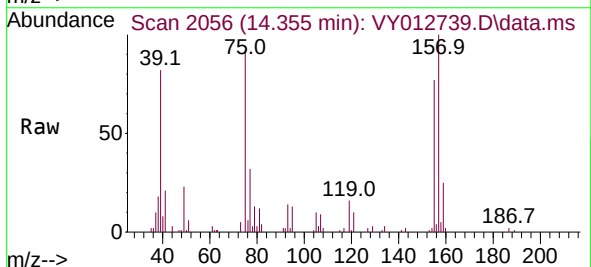
Tgt Ion:146 Resp: 11532
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 64.5 31.9 95.7

Manual Integrations
APPROVED

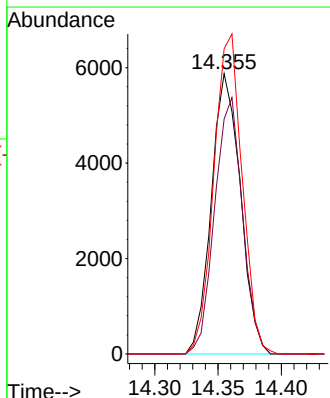
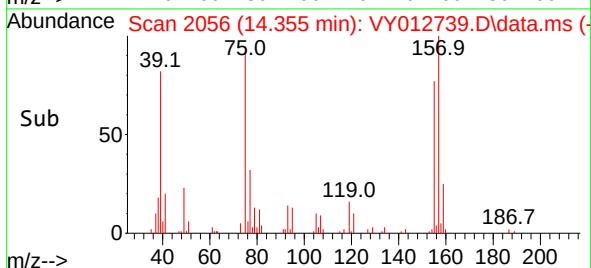
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

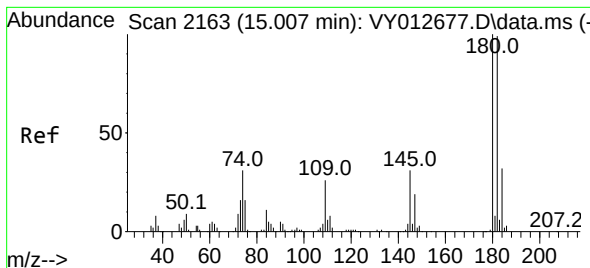


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.817 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14



Tgt Ion: 75 Resp: 9392
Ion Ratio Lower Upper
75 100
155 87.4 43.6 130.8
157 111.1 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 45.771 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 6729

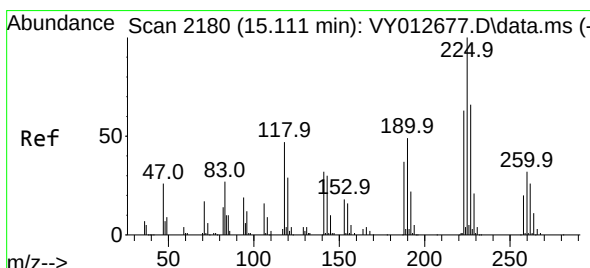
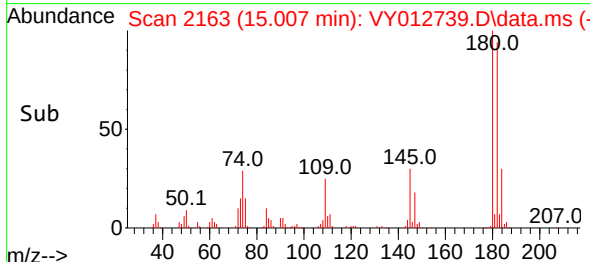
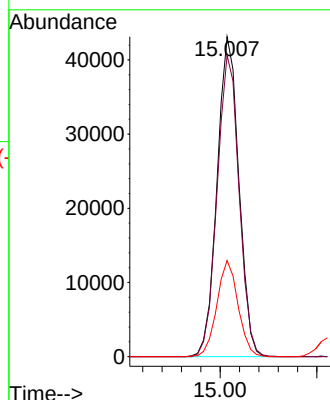
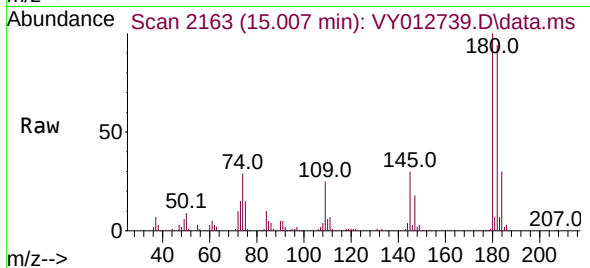
Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	29.3	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#94

Hexachlorobutadiene

Concen: 44.211 ug/l

RT: 15.111 min Scan# 2180

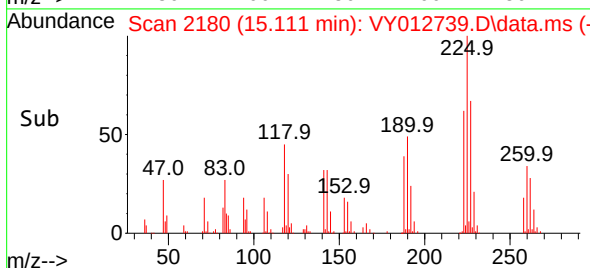
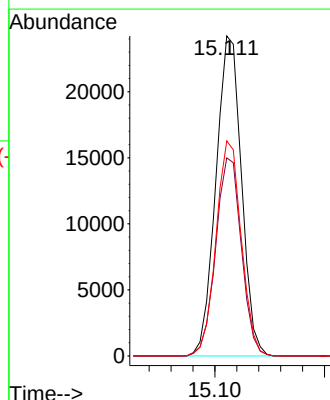
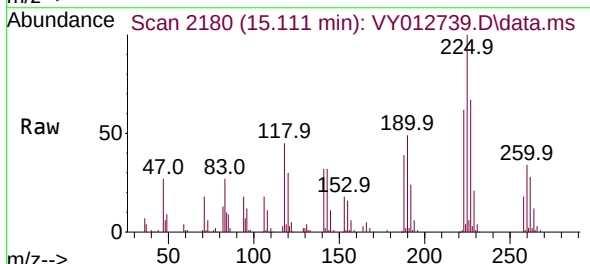
Delta R.T. -0.000 min

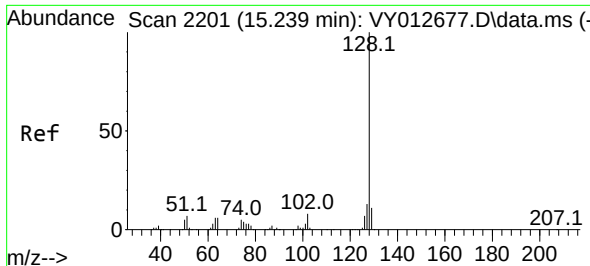
Lab File: VY012739.D

Acq: 27 Feb 2023 17:14

Tgt Ion:225 Resp: 39229

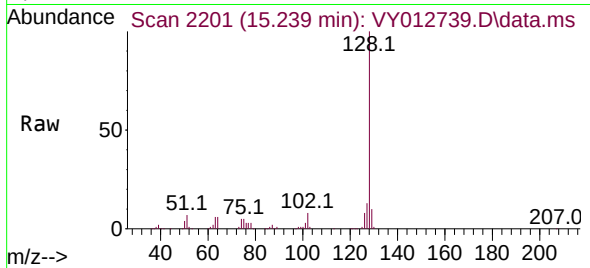
Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.7	95.1
227	66.4	32.3	96.8





#95
Naphthalene
Concen: 46.195 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

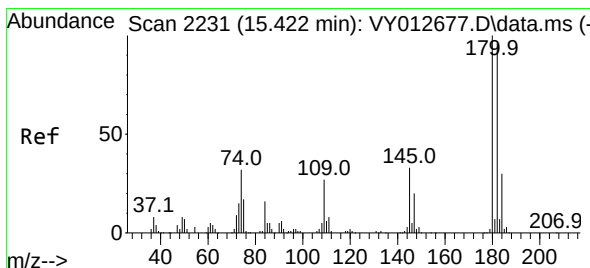
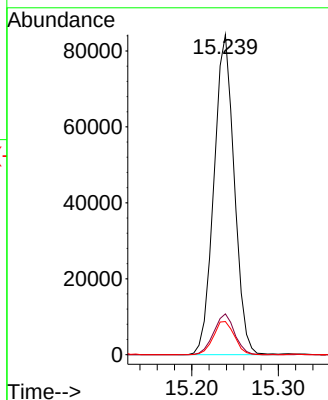
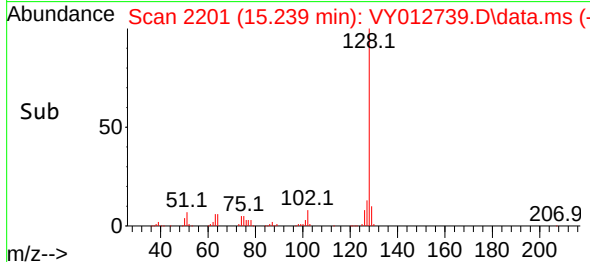
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 137239
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.065 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012739.D
Acq: 27 Feb 2023 17:14

Tgt Ion:180 Resp: 58645
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.6
145 31.0 16.1 48.2

