

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007690.D
 Acq On : 02 Mar 2022 16:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

Quant Time: Mar 03 00:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	335726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	525226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	483182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	245600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	174300	49.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.180%		
35) Dibromofluoromethane	7.716	113	172258	51.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.600%		
50) Toluene-d8	10.179	98	621553	50.284	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.560%		
62) 4-Bromofluorobenzene	12.483	95	203992	51.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	118233	54.050	ug/l	98
3) Chloromethane	2.119	50	182888	53.491	ug/l	97
4) Vinyl Chloride	2.253	62	260602	51.742	ug/l	97
5) Bromomethane	2.656	94	207517	50.979	ug/l	98
6) Chloroethane	2.796	64	191261	49.517	ug/l	98
7) Trichlorofluoromethane	3.131	101	309762	53.829	ug/l	94
8) Diethyl Ether	3.527	74	98118	52.989	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.905	101	195548	55.668	ug/l	96
10) Methyl Iodide	4.094	142	230293	53.884	ug/l	93
11) Tert butyl alcohol	4.954	59	78125	256.735	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	170941	54.831	ug/l	83
13) Acrolein	3.729	56	63441	244.482	ug/l	99
14) Allyl chloride	4.485	41	255900	54.571	ug/l #	89
15) Acrylonitrile	5.161	53	260819	266.850	ug/l	99
16) Acetone	3.948	43	162218	226.880	ug/l	93
17) Carbon Disulfide	4.198	76	432008	57.889	ug/l	99
18) Methyl Acetate	4.479	43	106659	51.108	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	518611	53.598	ug/l	98
20) Methylene Chloride	4.716	84	210706	62.462	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	197006	54.156	ug/l	90
22) Diisopropyl ether	6.119	45	626846	55.957	ug/l #	95
23) Vinyl Acetate	6.058	43	2030648	286.644	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	378754	55.957	ug/l	99
25) 2-Butanone	6.984	43	312405	260.462	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	349392	58.004	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	240235	56.319	ug/l	90
28) Bromochloromethane	7.332	49	144414	50.169	ug/l #	89
29) Tetrahydrofuran	7.344	42	215123	262.125	ug/l #	85
30) Chloroform	7.508	83	400615	57.130	ug/l	98
31) Cyclohexane	7.783	56	321532	60.181	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	357478	57.281	ug/l	98
36) 1,1-Dichloropropene	7.917	75	298049	56.423	ug/l	99
37) Ethyl Acetate	7.076	43	147375	50.513	ug/l	95
38) Carbon Tetrachloride	7.905	117	328938	58.376	ug/l	96
39) Methylcyclohexane	9.185	83	366772	56.496	ug/l	89
40) Benzene	8.161	78	843897	57.404	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	76672m	54.993	ug/l	
42) 1,2-Dichloroethane	8.234	62	257093	56.046	ug/l	94
43) Isopropyl Acetate	8.271	43	290010	53.750	ug/l #	90
44) Trichloroethene	8.941	130	232679	56.989	ug/l	99
45) 1,2-Dichloropropane	9.216	63	217212	57.136	ug/l	93
46) Dibromomethane	9.307	93	126647	55.498	ug/l	97
47) Bromodichloromethane	9.496	83	312681	58.419	ug/l	99
48) Methyl methacrylate	9.295	41	132006	56.444	ug/l #	88
49) 1,4-Dioxane	9.301	88	30079	1091.794	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	768835	266.314	ug/l	90
52) Toluene	10.246	92	544909	57.326	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	318915	58.034	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	358485	59.045	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	175258	56.452	ug/l	97
56) Ethyl methacrylate	10.508	69	229831	55.761	ug/l	85
57) 1,3-Dichloropropane	10.788	76	300608	57.260	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	587095	261.184	ug/l	96
59) 2-Hexanone	10.831	43	535597	275.492	ug/l	88
60) Dibromochloromethane	10.983	129	219156	59.285	ug/l	100
61) 1,2-Dibromoethane	11.087	107	166288	56.195	ug/l	100
64) Tetrachloroethene	10.721	164	199696	55.756	ug/l	98
65) Chlorobenzene	11.514	112	595380	56.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	231949	58.922	ug/l	97
67) Ethyl Benzene	11.593	91	1083015	57.049	ug/l	99
68) m/p-Xylenes	11.703	106	846691	116.240	ug/l	92
69) o-Xylene	12.032	106	400569	58.032	ug/l	93
70) Styrene	12.044	104	680656	58.892	ug/l	95
71) Bromoform	12.209	173	138138	56.357	ug/l #	98
73) Isopropylbenzene	12.331	105	1092543	57.101	ug/l	100
74) N-amyl acetate	12.142	43	268183	52.654	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	211562	52.720	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	131577m	47.972	ug/l	
77) Bromobenzene	12.611	156	248058	56.285	ug/l	93
78) n-propylbenzene	12.672	91	1322241	57.269	ug/l	100
79) 2-Chlorotoluene	12.758	91	707083	57.232	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	878020	57.390	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	73028	54.433	ug/l	88
82) 4-Chlorotoluene	12.855	91	719411	56.611	ug/l	96
83) tert-Butylbenzene	13.075	119	803109	57.069	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	873703	57.977	ug/l	98
85) sec-Butylbenzene	13.257	105	1205270	57.897	ug/l	100
86) p-Isopropyltoluene	13.367	119	1012131	58.866	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	505647	57.657	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	495251	57.218	ug/l	98
89) n-Butylbenzene	13.696	91	955457	58.797	ug/l	99
90) Hexachloroethane	13.965	117	189733	58.216	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	434800	55.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30161	49.629	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	281973	57.195	ug/l	99
94) Hexachlorobutadiene	15.111	225	169732	58.231	ug/l	99
95) Naphthalene	15.239	128	544452	54.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	244063	55.547	ug/l	100

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ClientSampleId :
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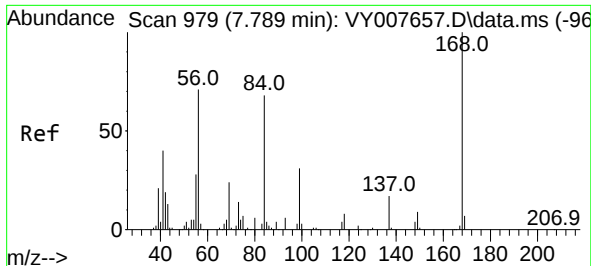
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/03/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

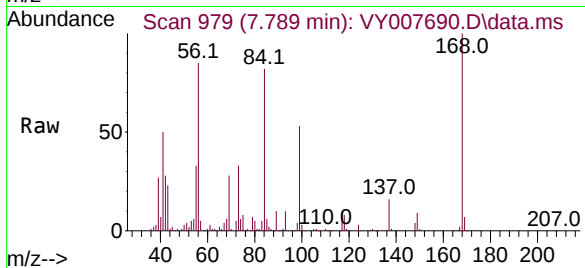
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007690.D
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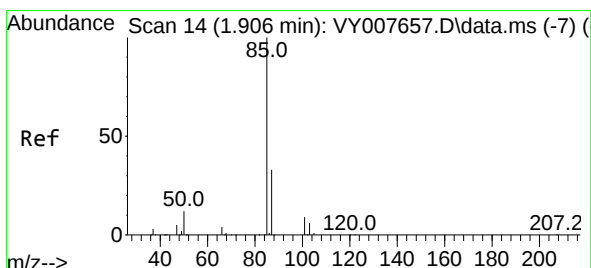
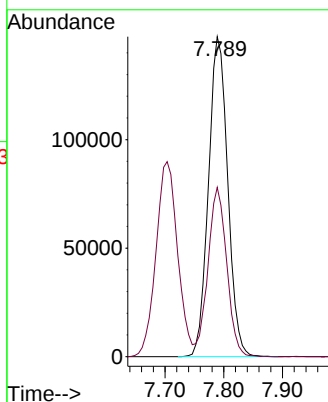
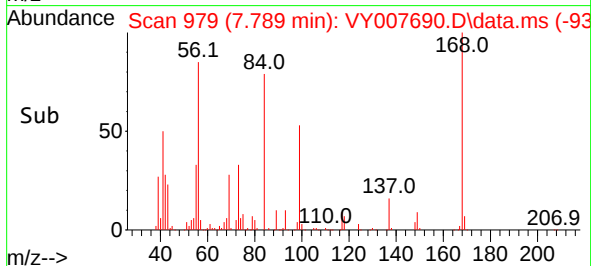
Instrument :
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ClientSampleId :
VSTDCCC050EC



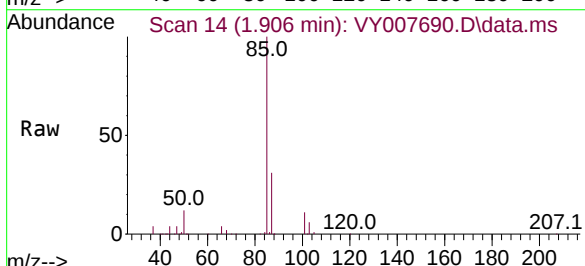
Tgt Ion:168 Resp: 335720
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3

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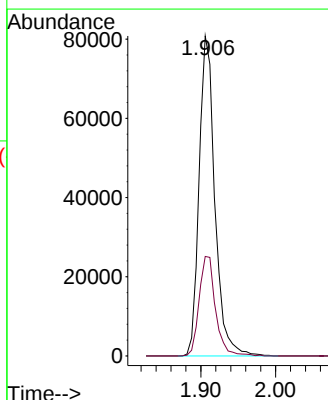
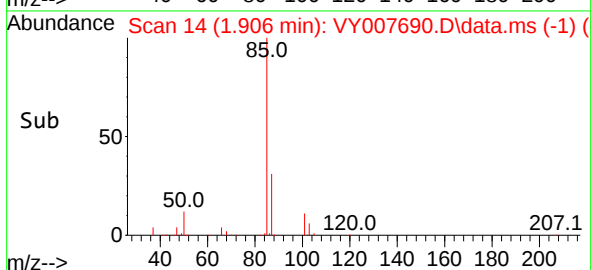
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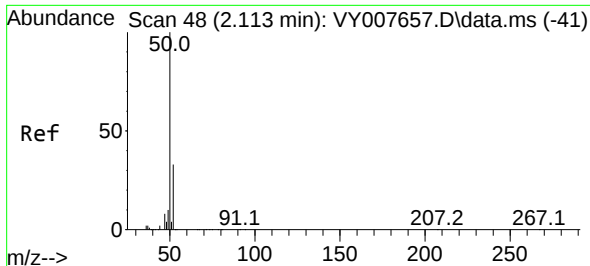


#2
Dichlorodifluoromethane
Concen: 54.050 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



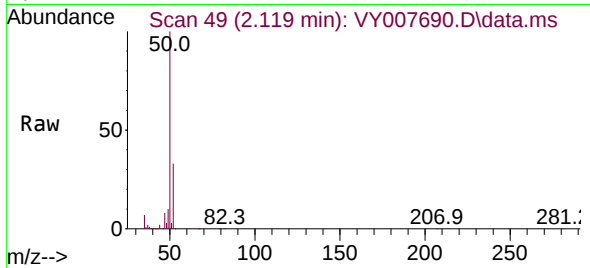
Tgt Ion: 85 Resp: 118233
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2





#3
Chloromethane
Concen: 53.491 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

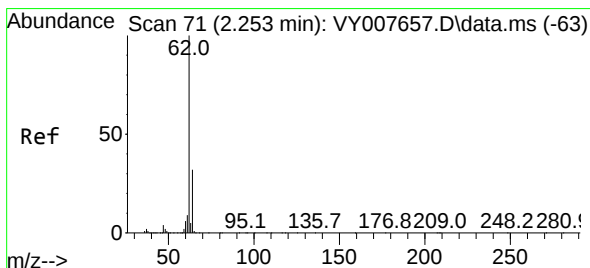
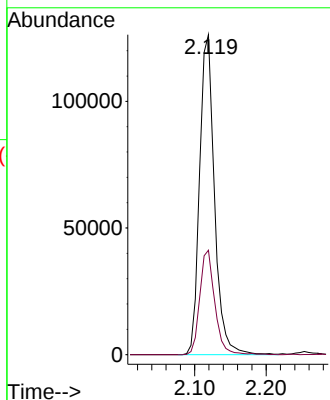
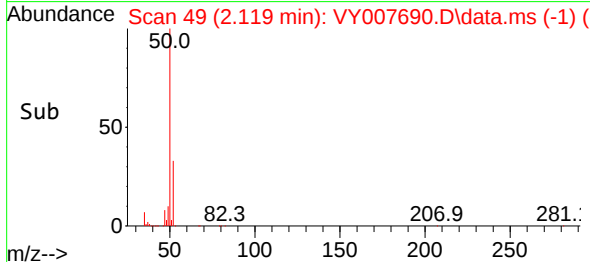
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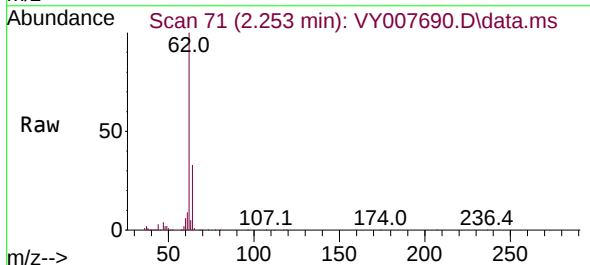
Tgt Ion: 50 Resp: 18288
Ion Ratio Lower Upper
50 100
52 32.7 24.6 37.0

Manual Integrations
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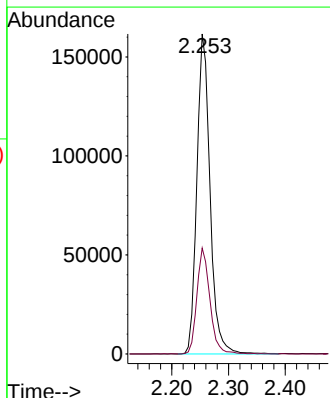
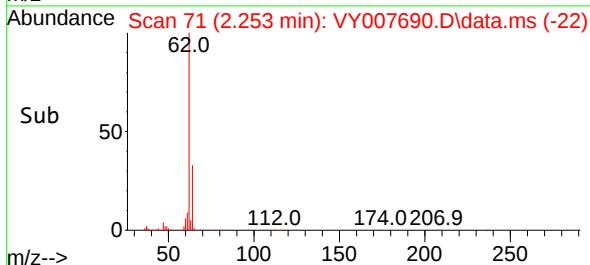
Reviewed By :John Carlone 03/03/2022
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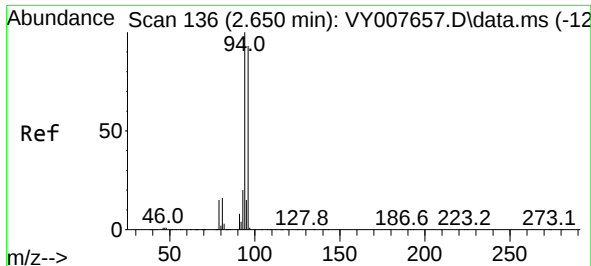


#4
Vinyl Chloride
Concen: 51.742 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



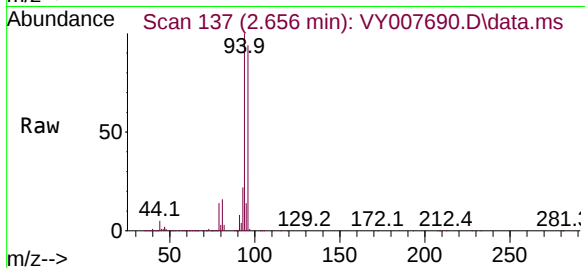
Tgt Ion: 62 Resp: 260602
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6





#5
Bromomethane
Concen: 50.979 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

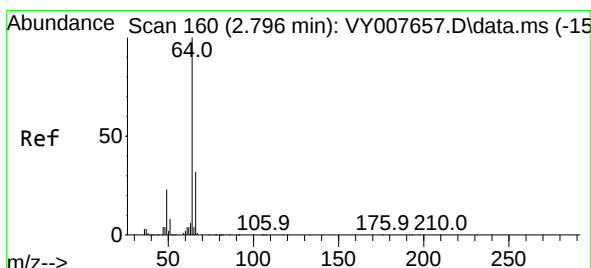
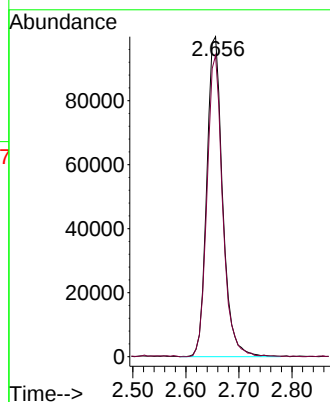
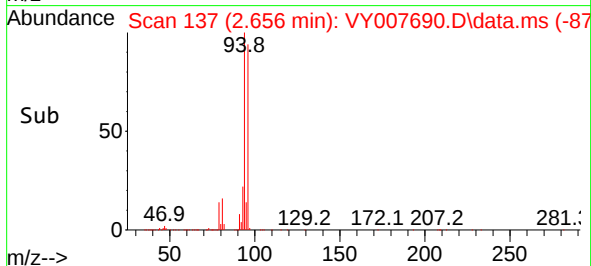
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Tgt Ion: 94 Resp: 20751
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3

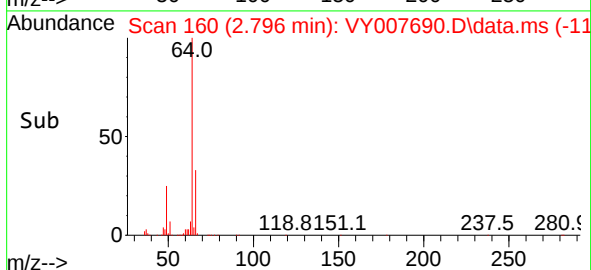
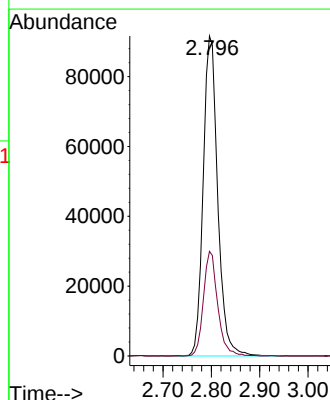
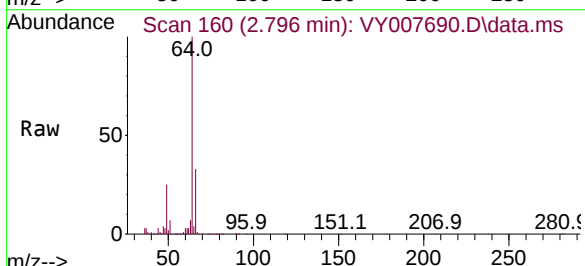
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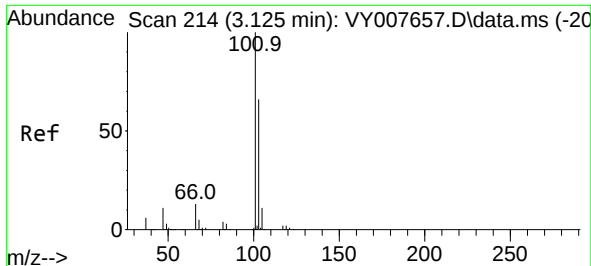
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#6
Chloroethane
Concen: 49.517 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007690.D
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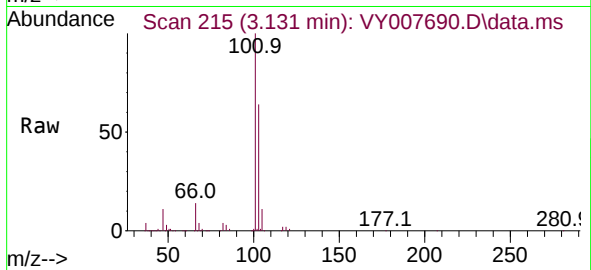
Tgt Ion: 64 Resp: 191261
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 53.829 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY007690.D
 Acq: 02 Mar 2022 16:03

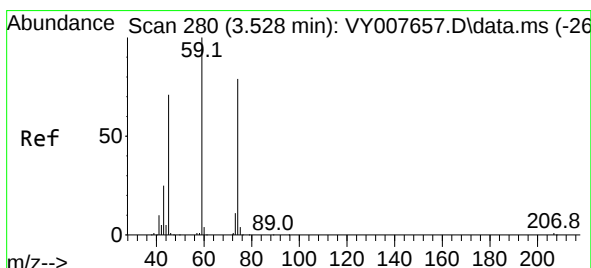
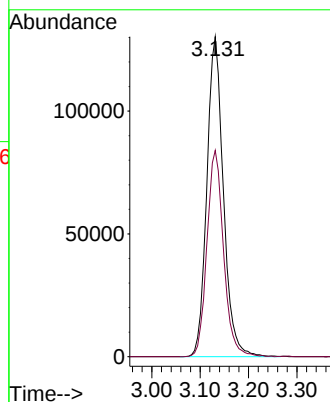
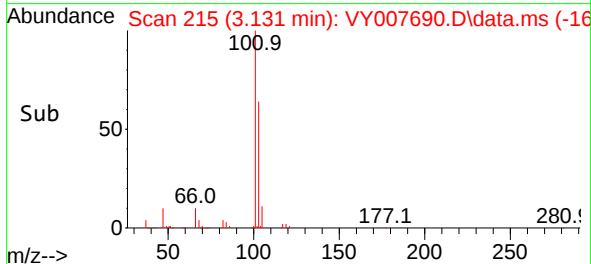
Instrument :
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Tgt Ion:101 Resp: 309762
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.0 72.0

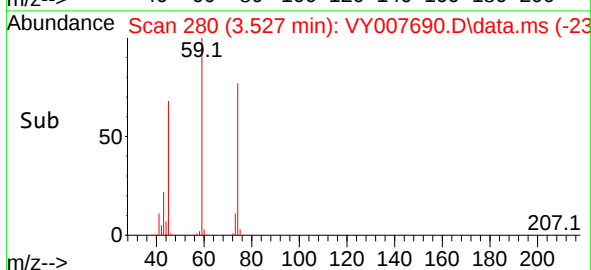
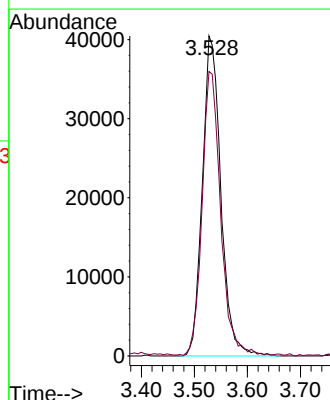
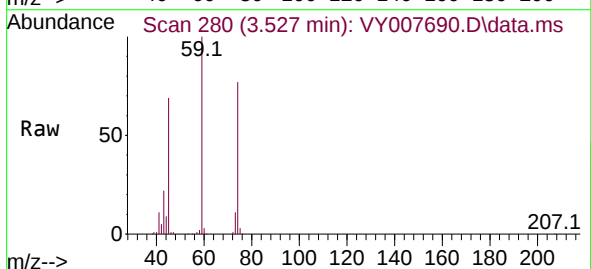
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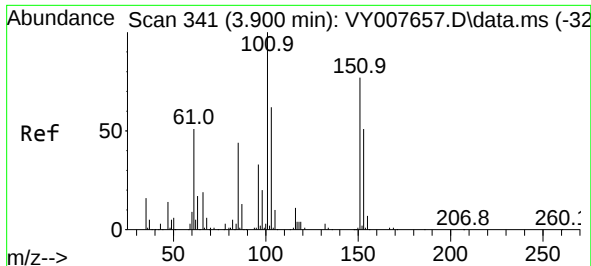
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#8
 Diethyl Ether
 Concen: 52.989 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 98118
 Ion Ratio Lower Upper
 74 100
 45 88.1 55.1 165.5





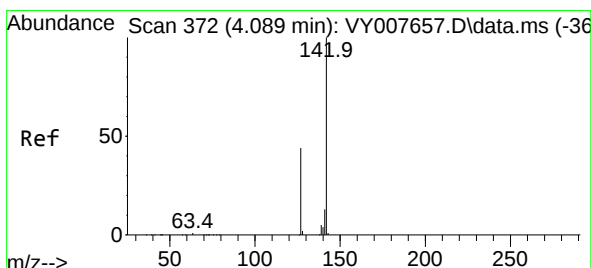
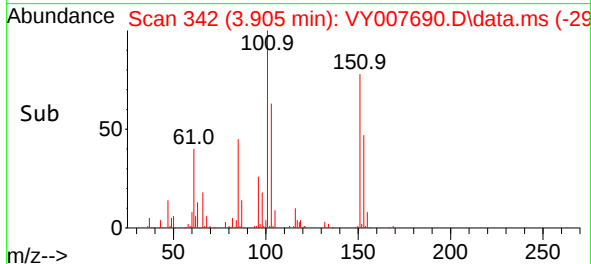
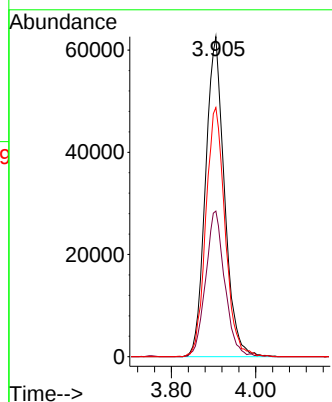
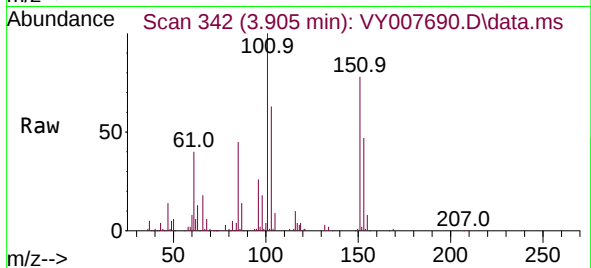
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.668 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 19554
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 79.2 64.9 97.3

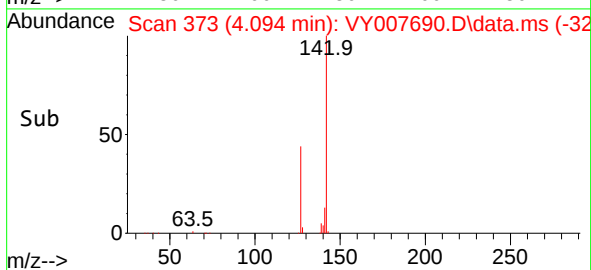
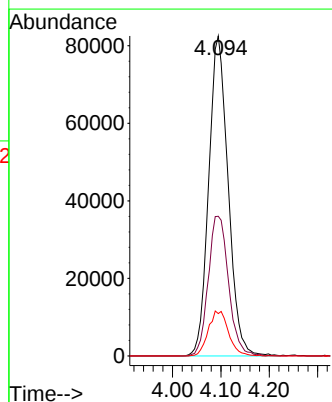
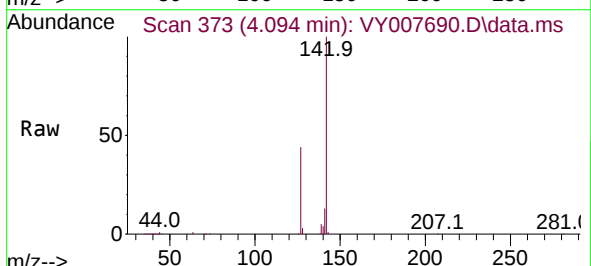
Manual Integrations
APPROVED

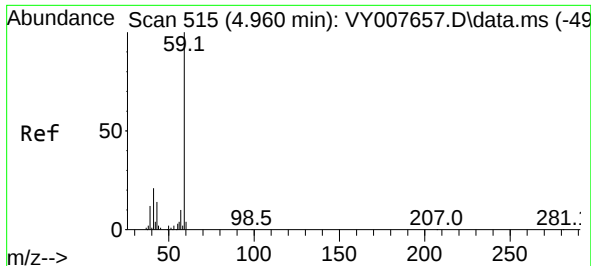
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#10
Methyl Iodide
Concen: 53.884 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.005 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

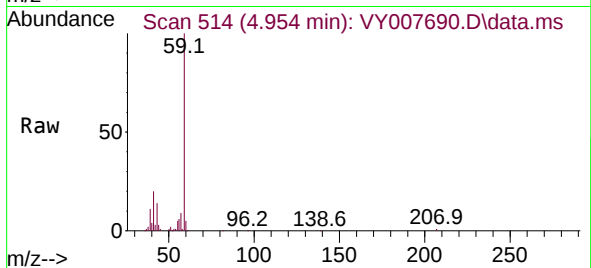
Tgt Ion:142 Resp: 230293
Ion Ratio Lower Upper
142 100
127 45.7 41.5 62.3
141 14.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 256.735 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

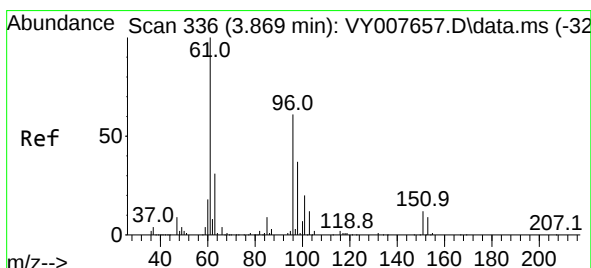
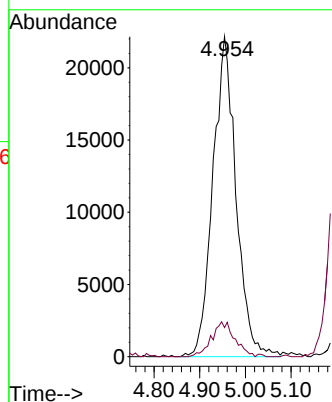
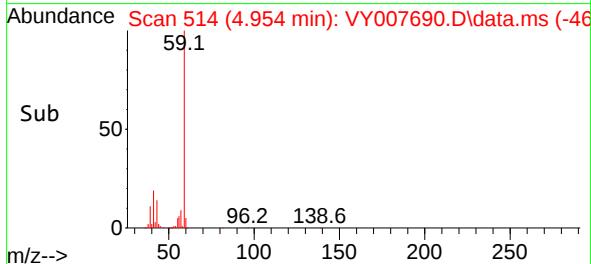
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



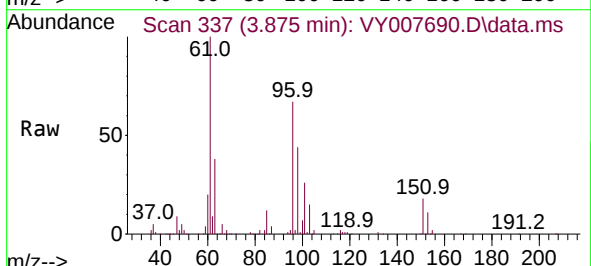
Tgt Ion: 59 Resp: 78125
Ion Ratio Lower Upper
59 100
57 10.8 6.4 9.6

Manual Integrations
APPROVED

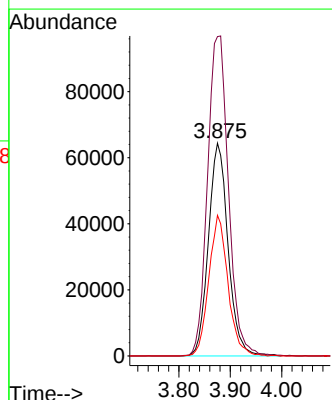
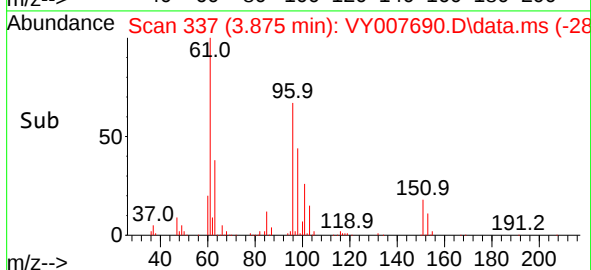
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

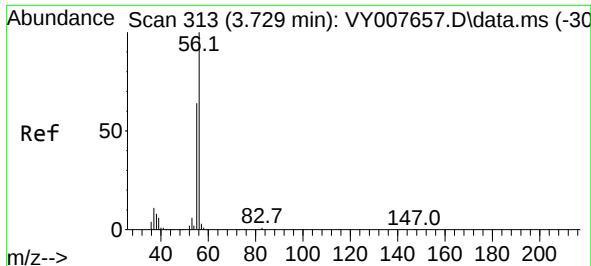


#12
1,1-Dichloroethene
Concen: 54.831 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion: 96 Resp: 170941
Ion Ratio Lower Upper
96 100
61 150.1 145.8 218.6
98 66.1 52.5 78.7





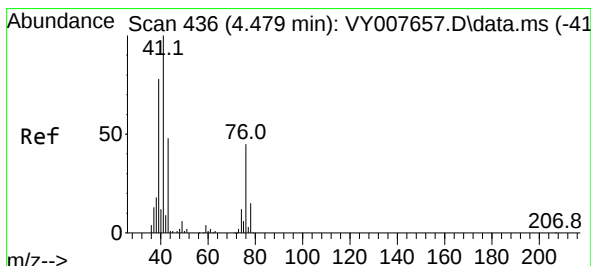
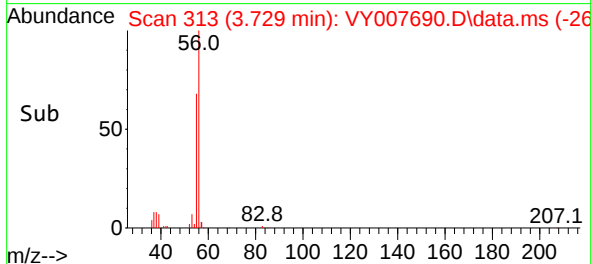
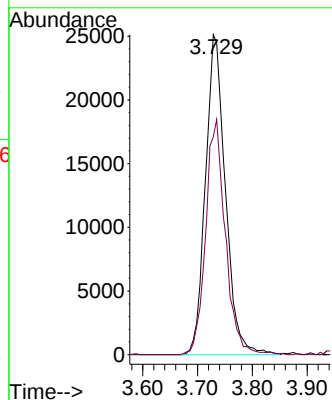
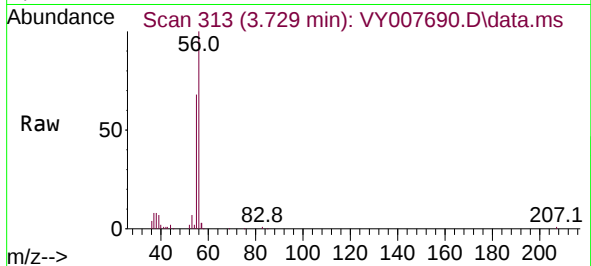
#13
Acrolein
Concen: 244.482 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 6344
Ion Ratio Lower Upper
56 100
55 72.5 57.6 86.4

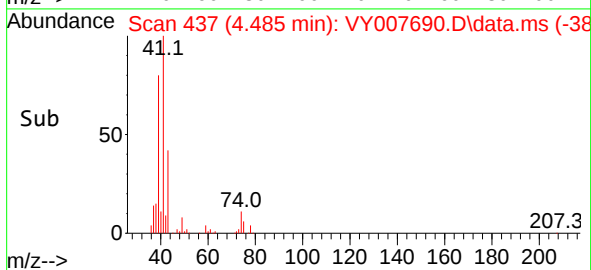
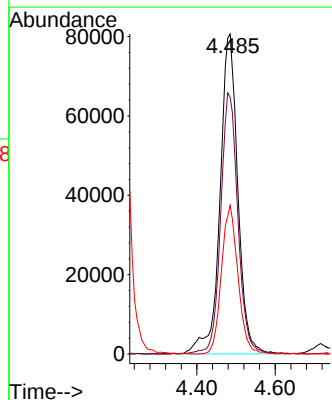
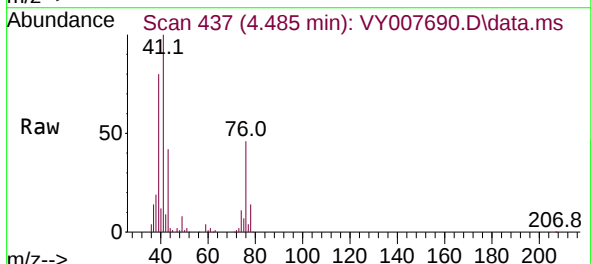
Manual Integrations
APPROVED

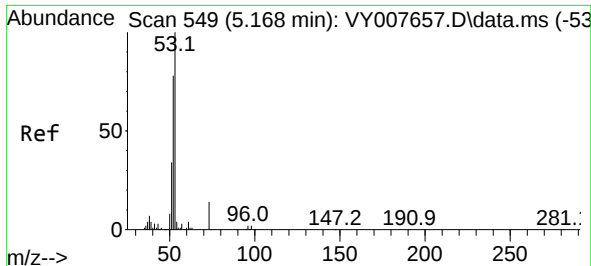
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#14
Allyl chloride
Concen: 54.571 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

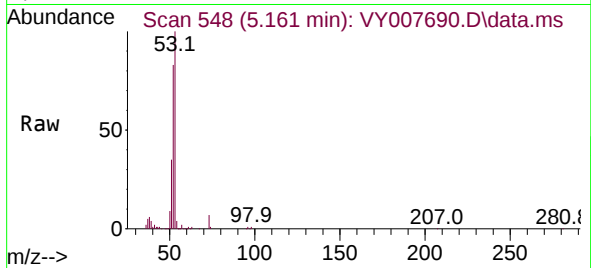
Tgt Ion: 41 Resp: 255900
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 42.9 25.1 37.7#





#15
Acrylonitrile
Concen: 266.850 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.007 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

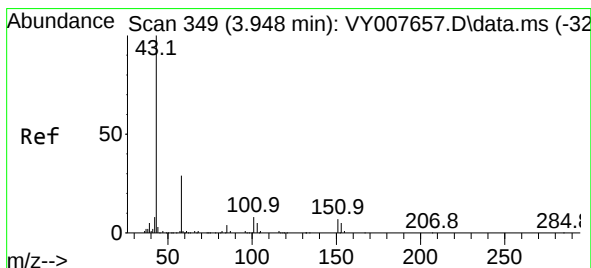
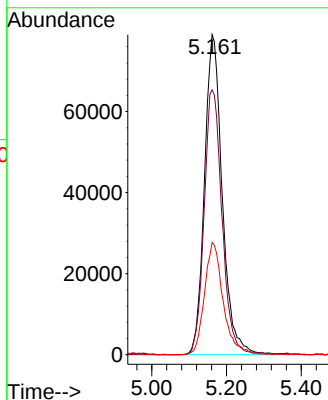
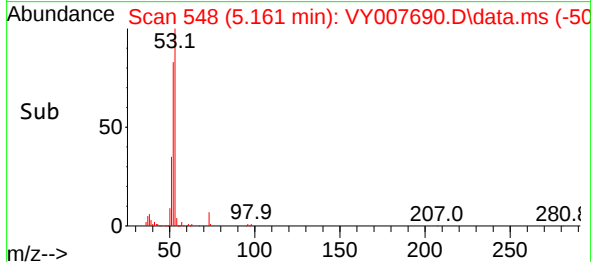
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



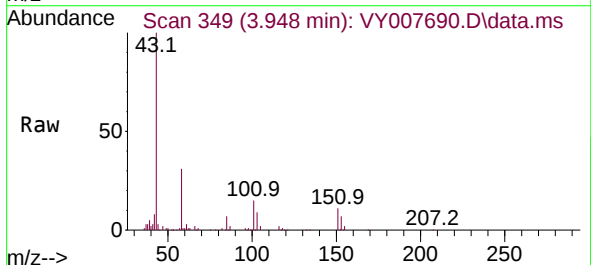
Tgt Ion: 53 Resp: 260819
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 36.7 29.8 44.6

Manual Integrations
APPROVED

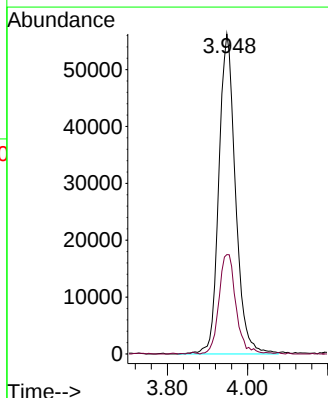
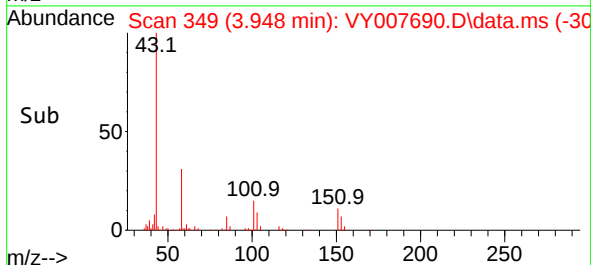
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

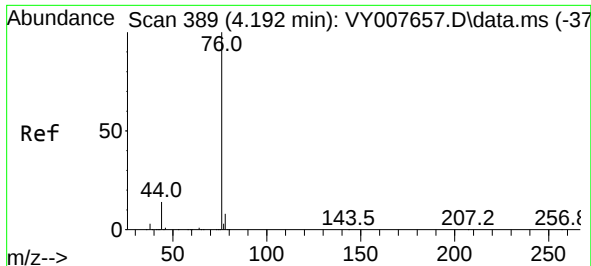


#16
Acetone
Concen: 226.880 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



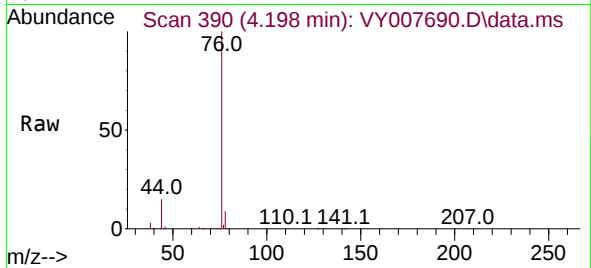
Tgt Ion: 43 Resp: 162218
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0





#17
Carbon Disulfide
Concen: 57.889 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

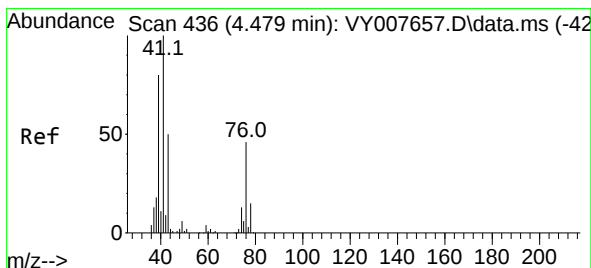
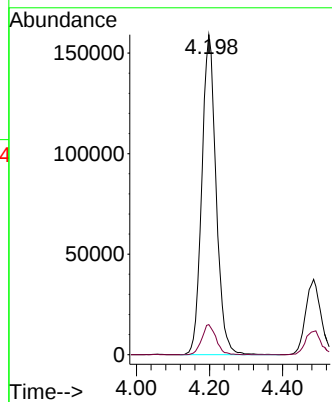
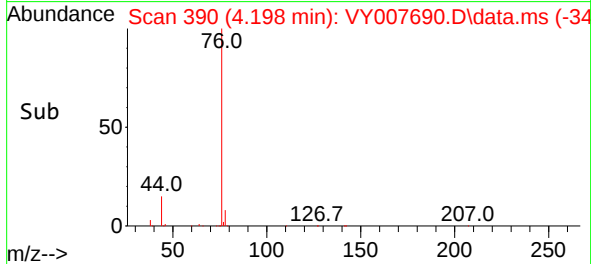
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 432008
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

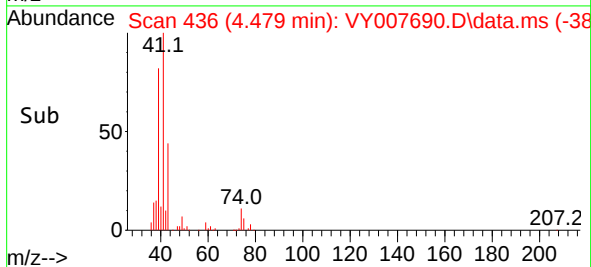
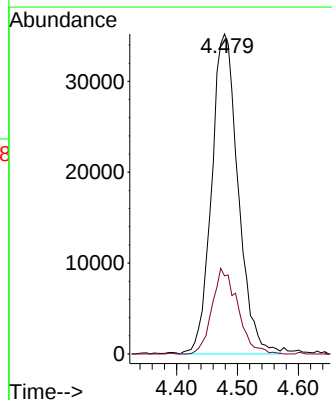
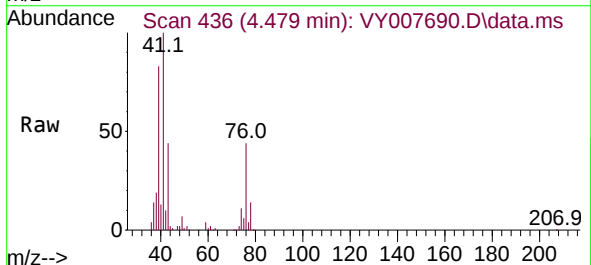
Manual Integrations
APPROVED

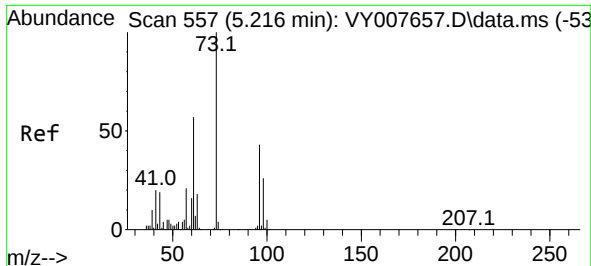
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#18
Methyl Acetate
Concen: 51.108 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion: 43 Resp: 106659
Ion Ratio Lower Upper
43 100
74 25.9 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 53.598 ug/l

RT: 5.222 min Scan# 51861

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 51861

Ion Ratio Lower Upper

73 100

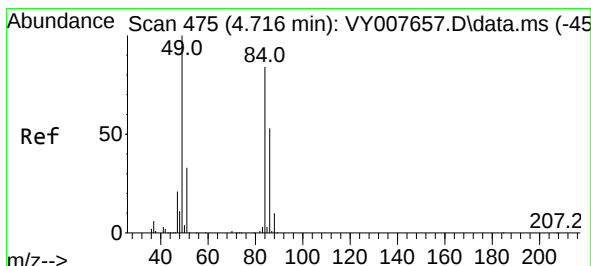
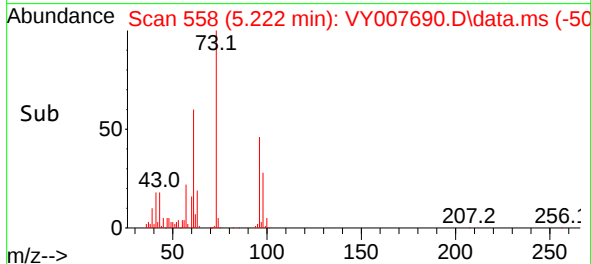
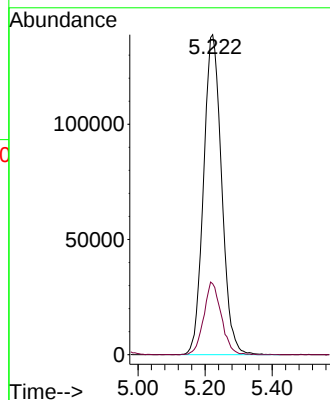
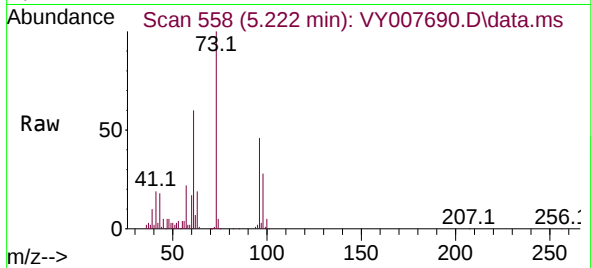
57 22.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#20

Methylene Chloride

Concen: 62.462 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Tgt Ion: 84 Resp: 210706

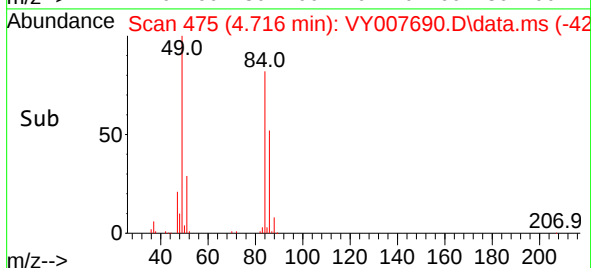
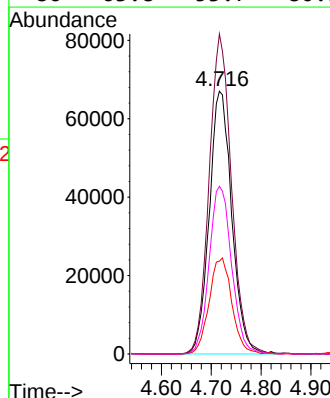
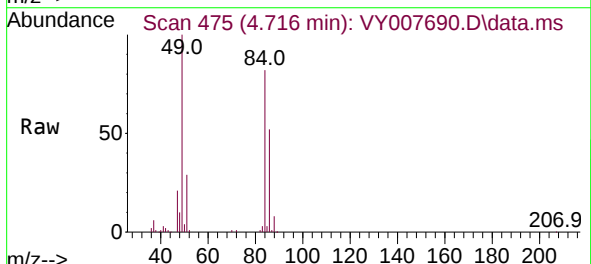
Ion Ratio Lower Upper

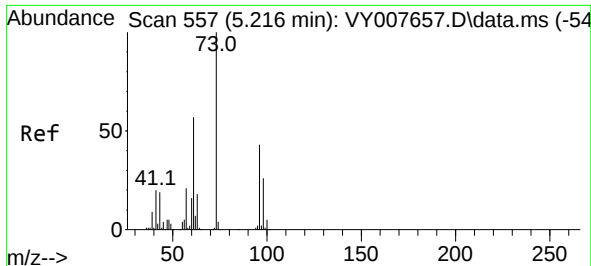
84 100

49 121.8 114.4 171.6

51 35.3 35.3 52.9

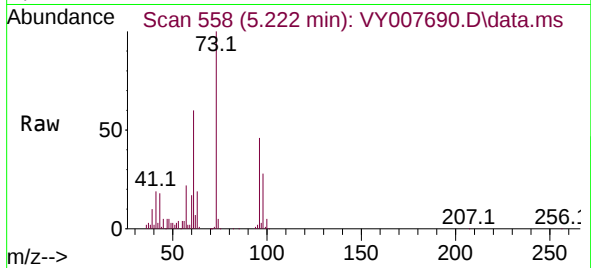
86 63.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 54.156 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

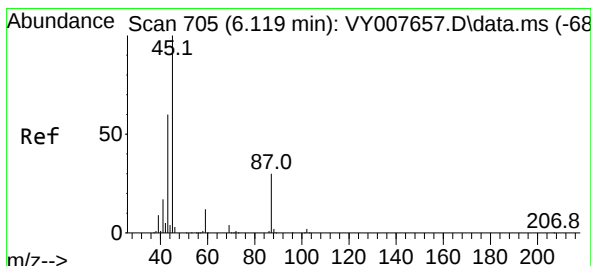
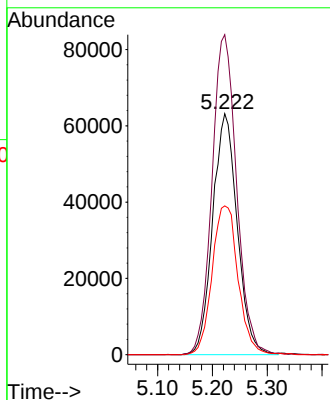
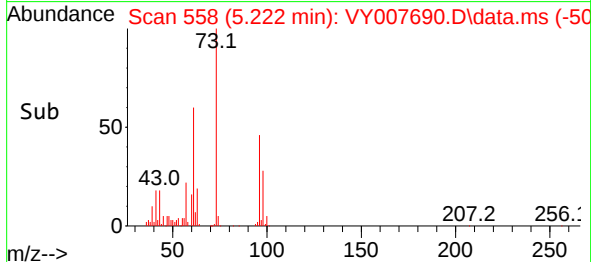
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 197000
Ion Ratio Lower Upper
96 100
61 132.8 120.5 180.7
98 61.7 49.8 74.8

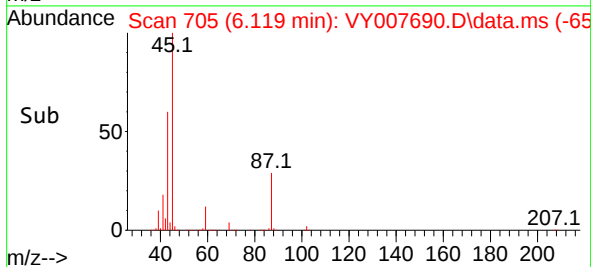
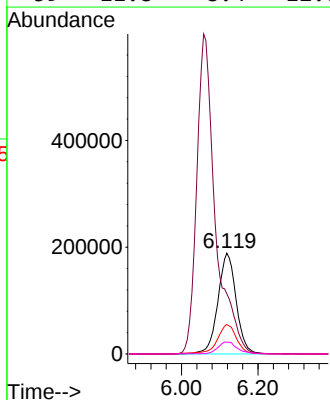
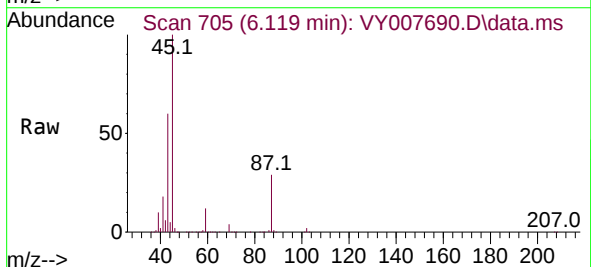
Manual Integrations
APPROVED

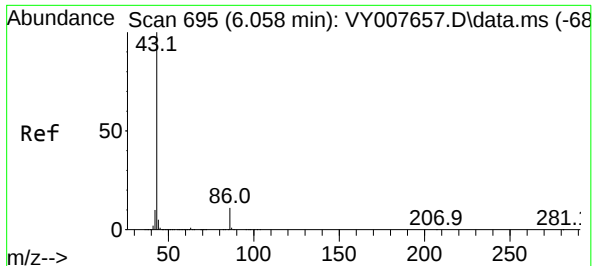
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#22
Diisopropyl ether
Concen: 55.957 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion: 45 Resp: 626846
Ion Ratio Lower Upper
45 100
43 59.5 49.3 73.9
87 29.2 19.2 28.8#
59 11.8 8.4 12.6





#23

Vinyl Acetate

Concen: 286.644 ug/l

RT: 6.058 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 203064

Ion Ratio Lower Upper

43 100

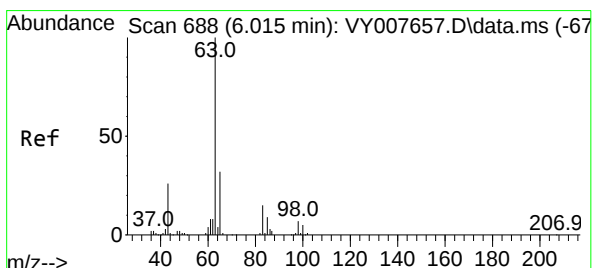
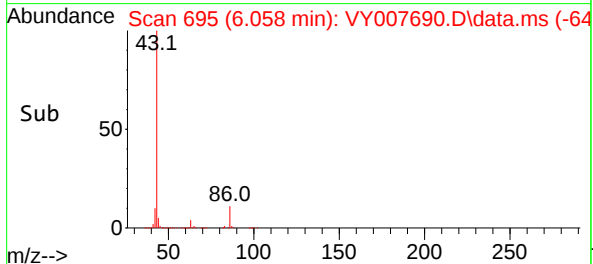
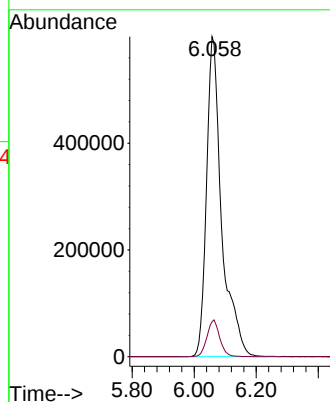
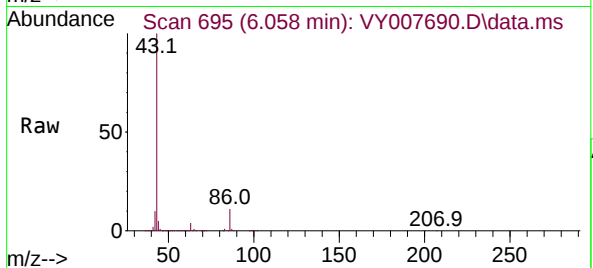
86 10.9 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#24

1,1-Dichloroethane

Concen: 55.957 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

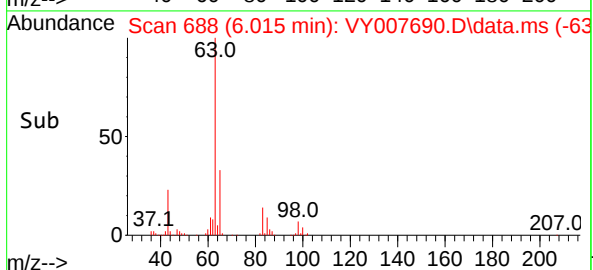
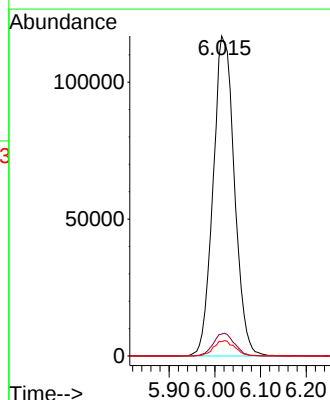
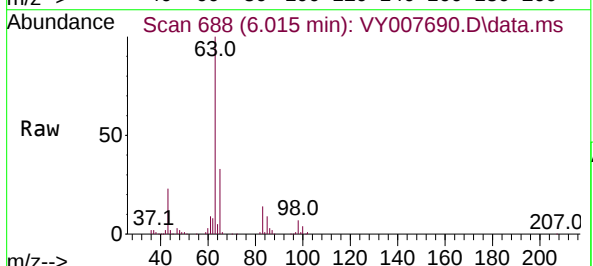
Tgt Ion: 63 Resp: 378754

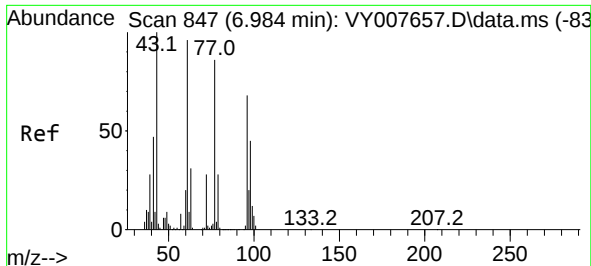
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

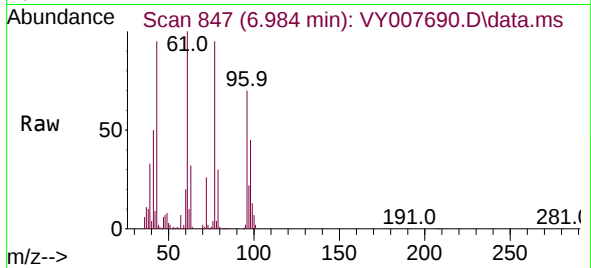
100 4.5 2.0 5.8





#25
2-Butanone
Concen: 260.462 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

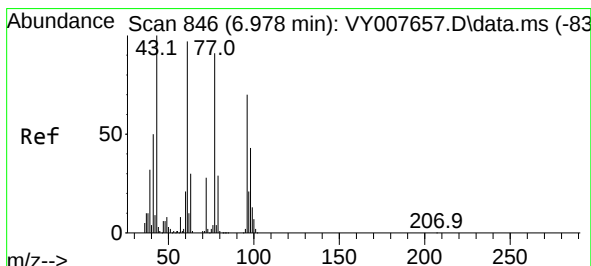
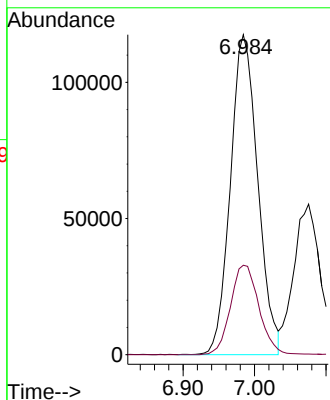
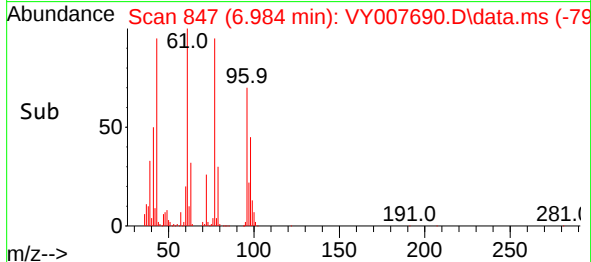
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



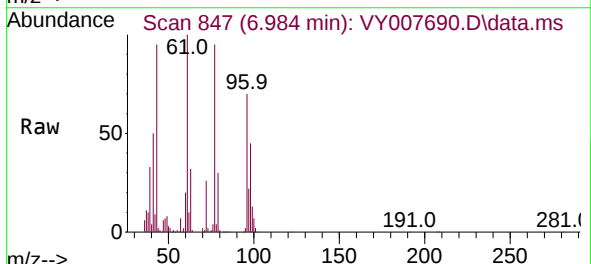
Tgt Ion: 43 Resp: 312409
Ion Ratio Lower Upper
43 100
72 28.0 17.7 26.5

Manual Integrations
APPROVED

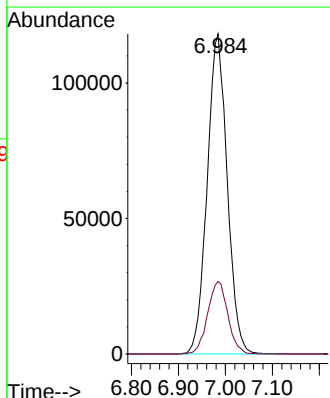
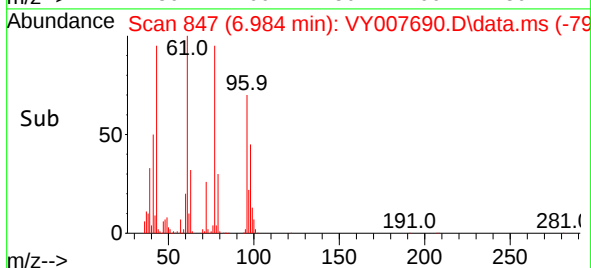
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

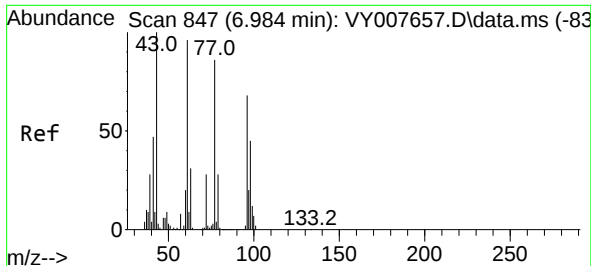


#26
2,2-Dichloropropane
Concen: 58.004 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion: 77 Resp: 349392
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 56.319 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007690.D

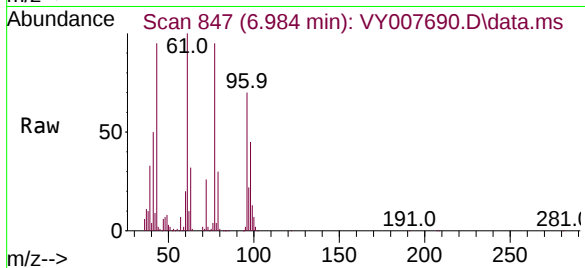
Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



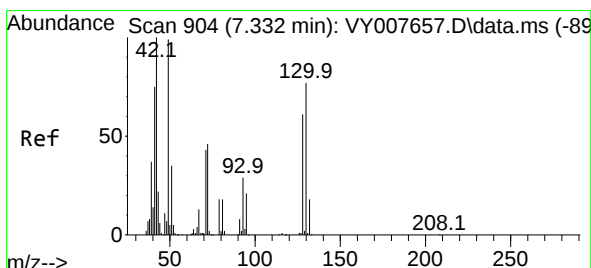
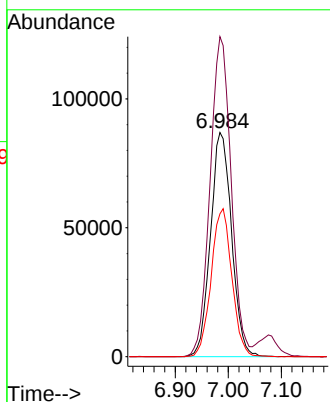
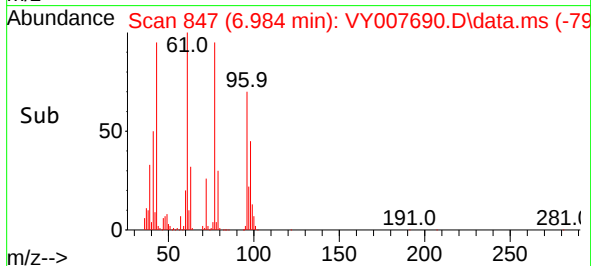
Tgt Ion:	96	Resp:	24023
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	319.8
98	64.7	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#28

Bromochloromethane

Concen: 50.169 ug/l

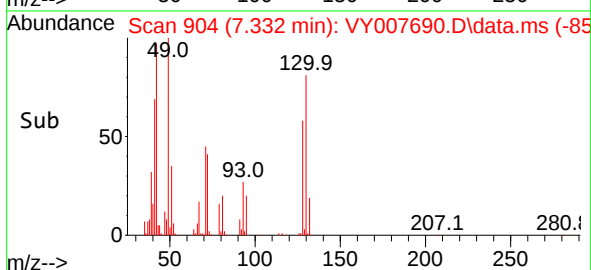
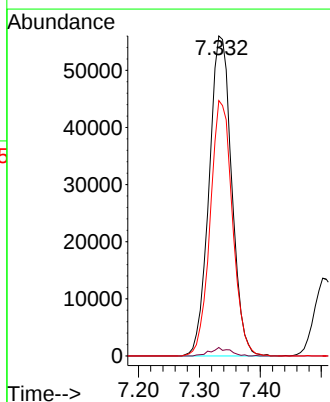
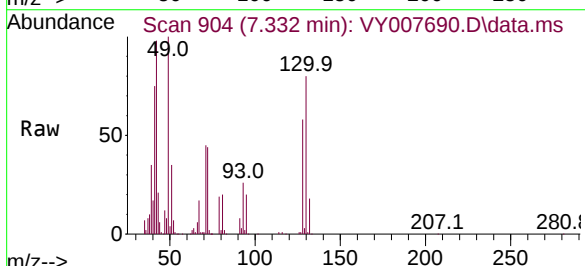
RT: 7.332 min Scan# 904

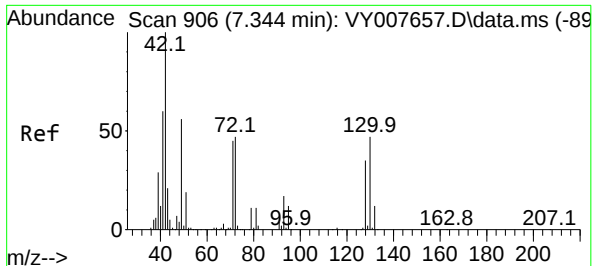
Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Tgt Ion:	49	Resp:	144414
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	78.5	55.4	83.0





#29

Tetrahydrofuran

Concen: 262.125 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 21512

Ion Ratio Lower Upper

42 100

72 47.5 30.3 45.5

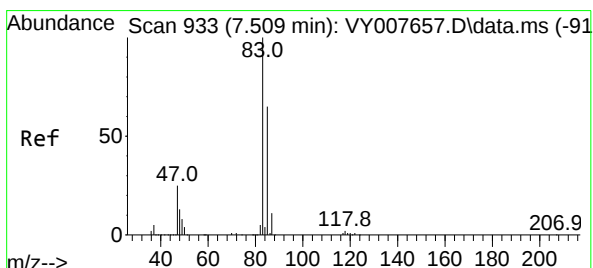
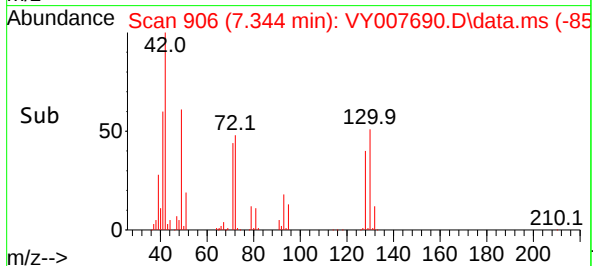
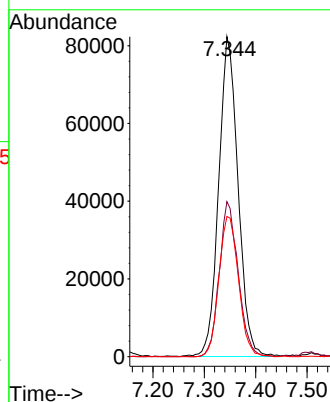
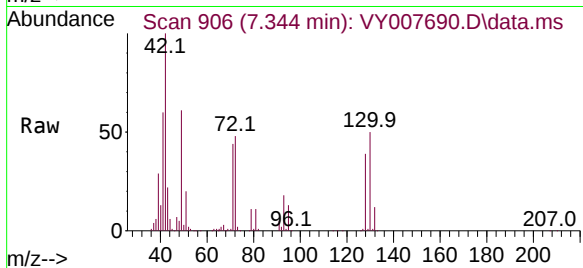
71 44.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#30

Chloroform

Concen: 57.130 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.001 min

Lab File: VY007690.D

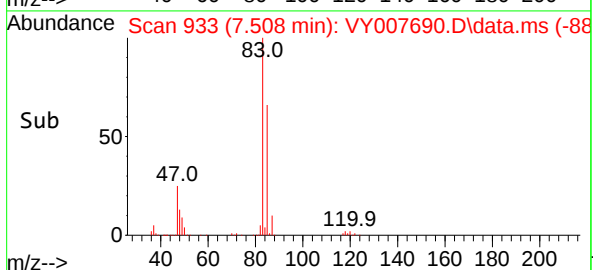
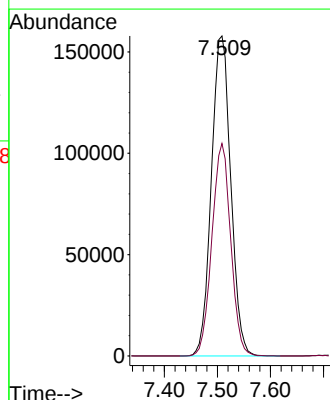
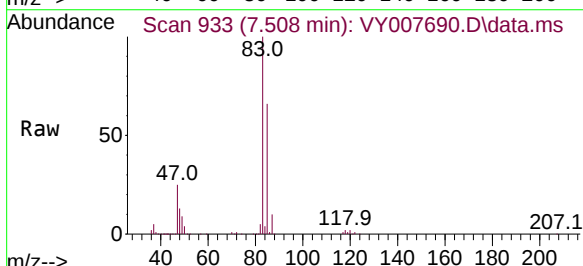
Acq: 02 Mar 2022 16:03

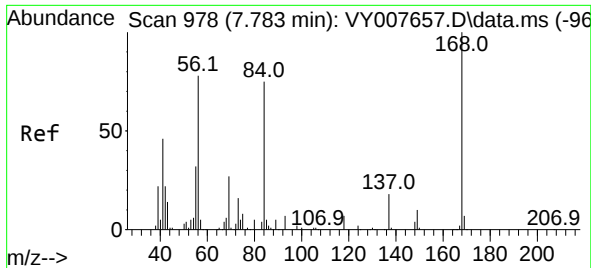
Tgt Ion: 83 Resp: 400615

Ion Ratio Lower Upper

83 100

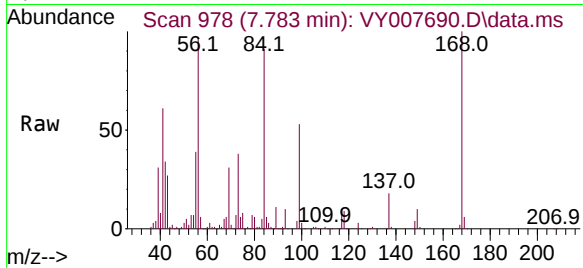
85 66.4 51.8 77.6





#31
Cyclohexane
Concen: 60.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

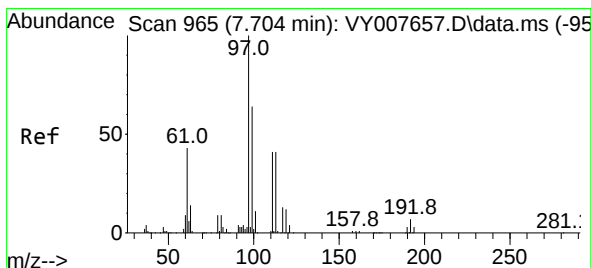
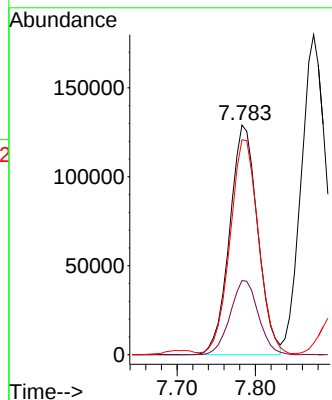
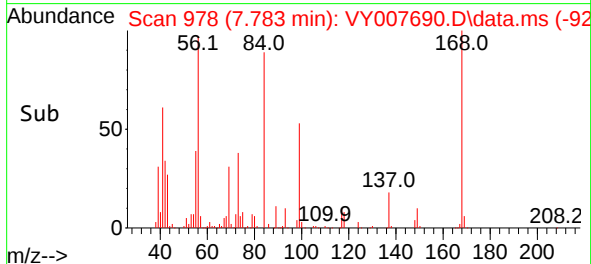
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



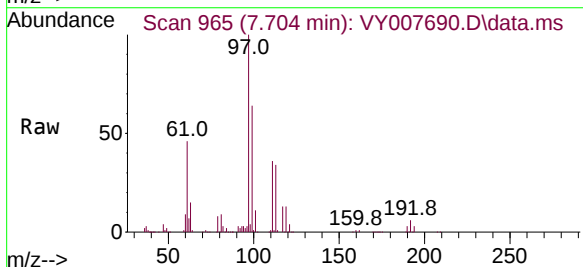
Tgt Ion: 56 Resp: 32153
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 91.8 67.2 100.8

Manual Integrations
APPROVED

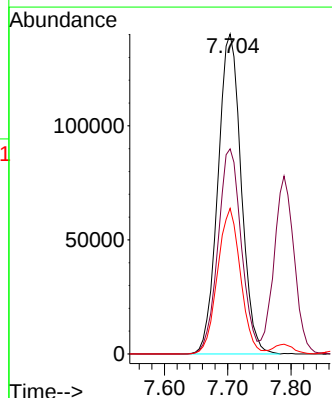
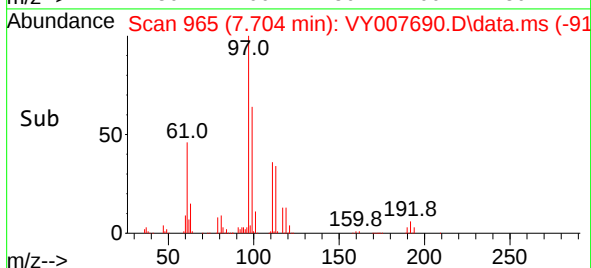
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

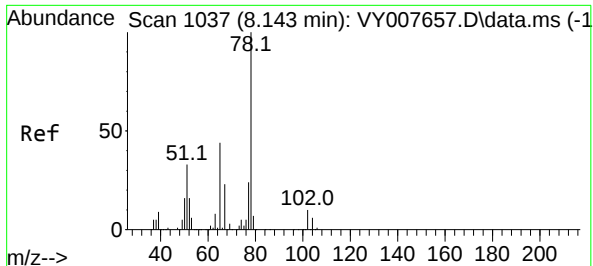


#32
1,1,1-Trichloroethane
Concen: 57.281 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion: 97 Resp: 357478
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 45.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 174300

Ion Ratio Lower Upper

65 100

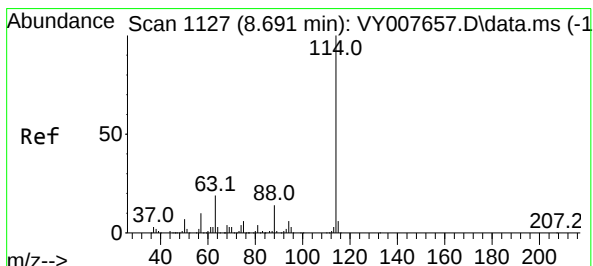
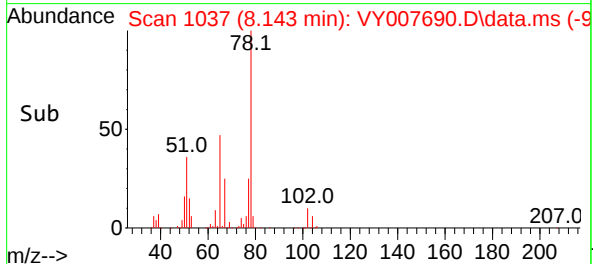
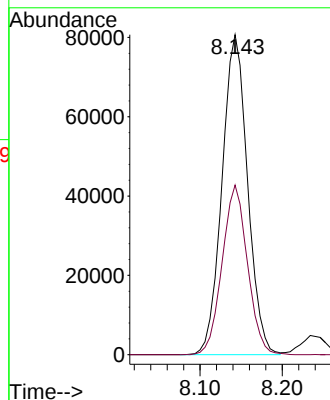
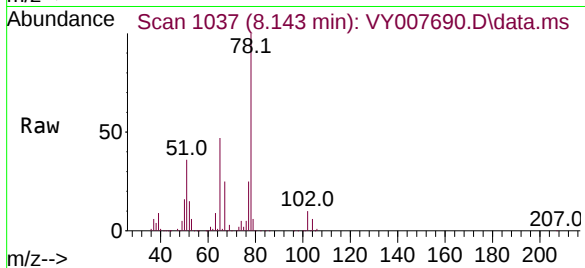
67 52.5 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

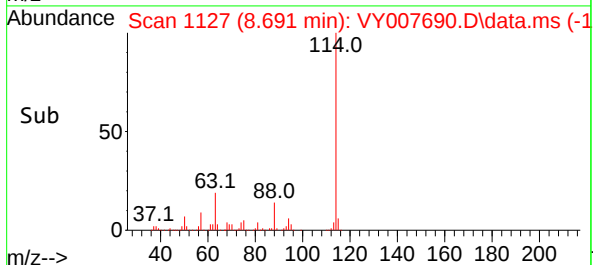
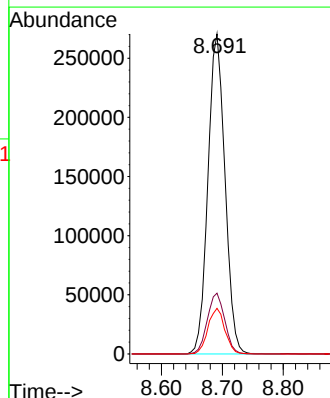
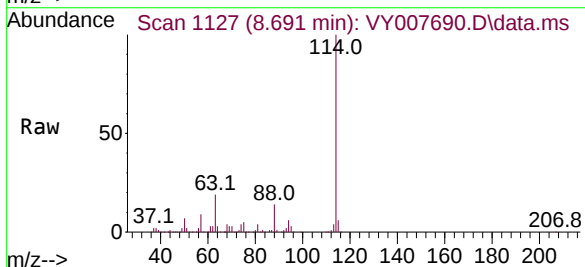
Tgt Ion:114 Resp: 525226

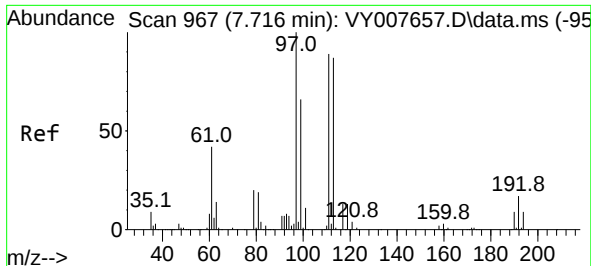
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

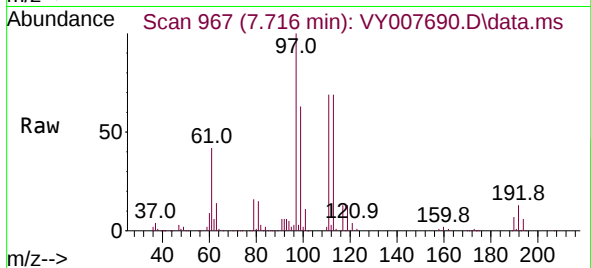
88 14.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.299 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

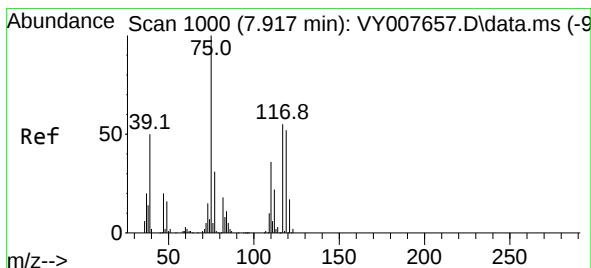
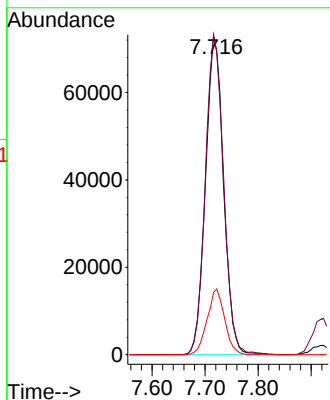
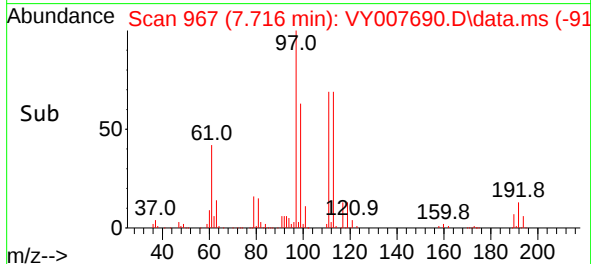
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 172258
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.0 17.6 26.4

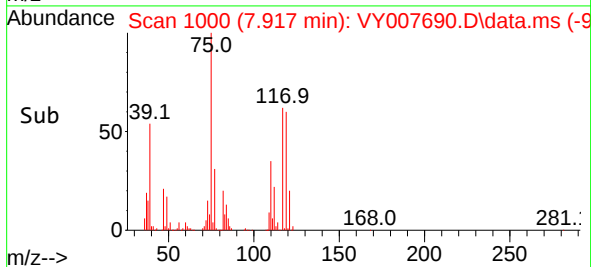
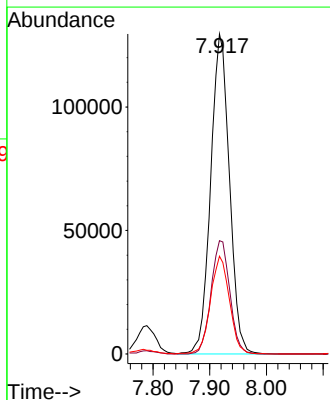
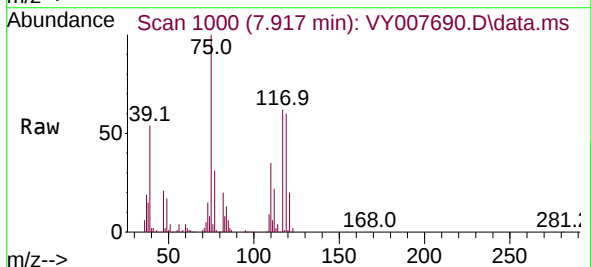
Manual Integrations
APPROVED

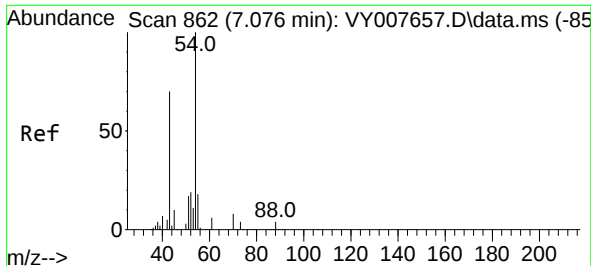
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#36
1,1-Dichloropropene
Concen: 56.423 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion: 75 Resp: 298049
Ion Ratio Lower Upper
75 100
110 35.3 17.1 51.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 50.513 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 147375

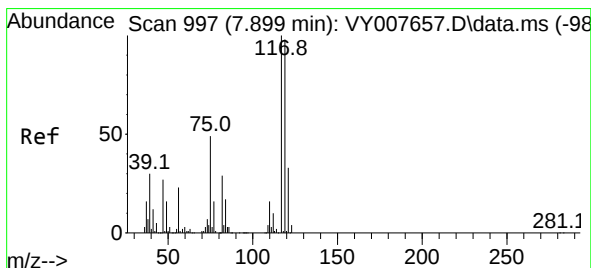
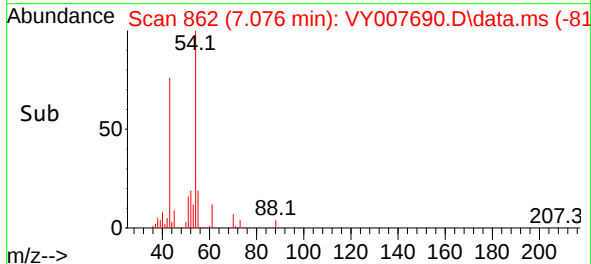
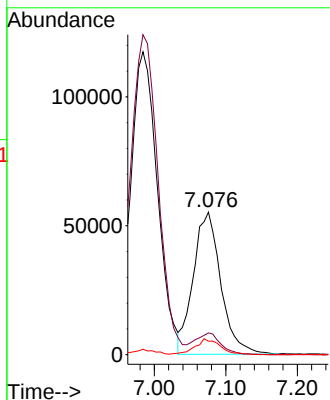
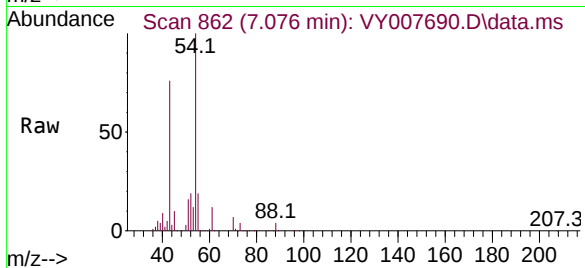
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	10.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#38

Carbon Tetrachloride

Concen: 58.376 ug/l

RT: 7.905 min Scan# 998

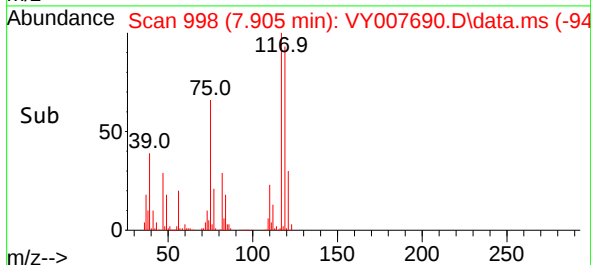
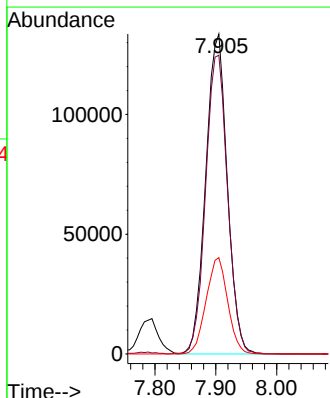
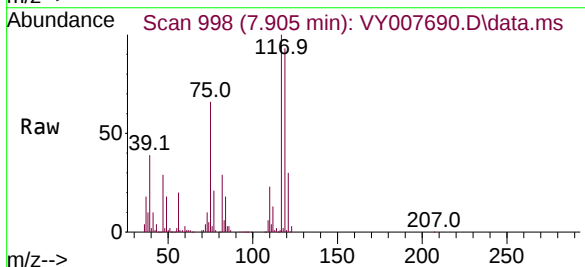
Delta R.T. 0.006 min

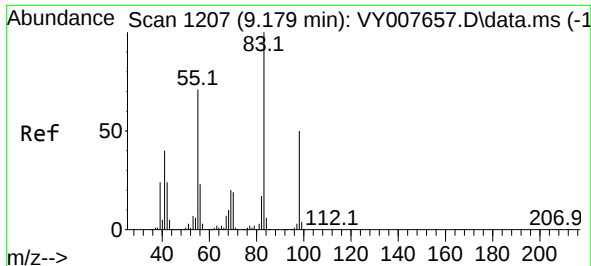
Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Tgt Ion:117 Resp: 328938

Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.9	116.9
121	30.1	24.8	37.2





#39

Methylcyclohexane

Concen: 56.496 ug/l

RT: 9.185 min Scan# 1207

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

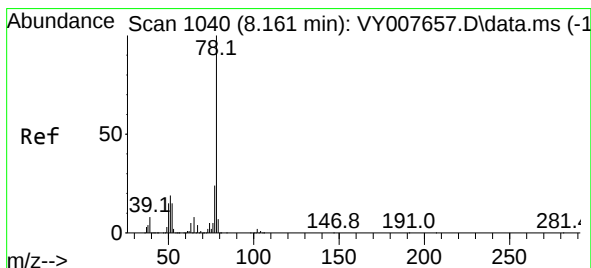
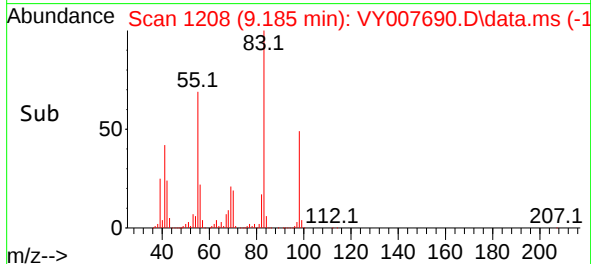
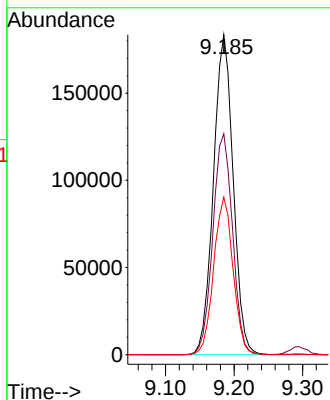
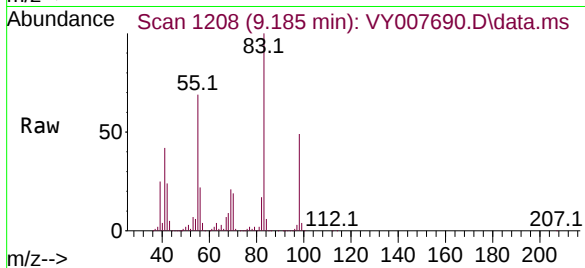
Tgt Ion: 83	Resp: 366772
Ion Ratio	Lower Upper
83	100
55	69.0 66.5 99.7
98	49.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#40

Benzene

Concen: 57.404 ug/l

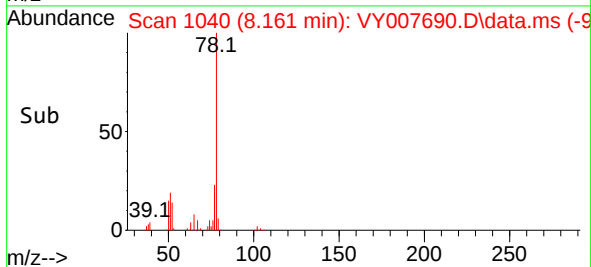
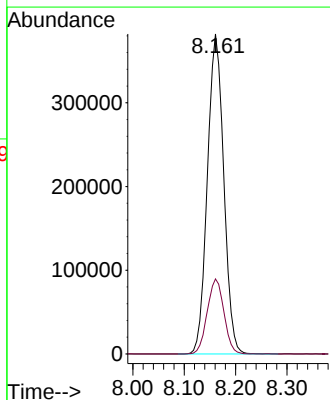
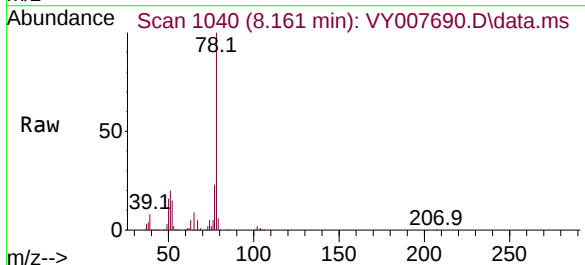
RT: 8.161 min Scan# 1040

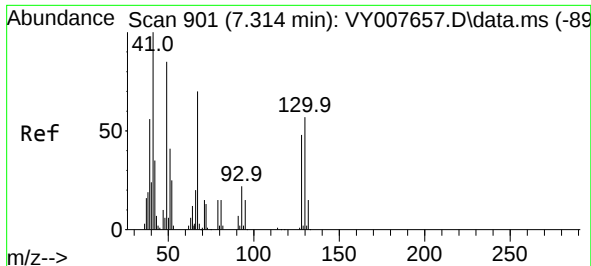
Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

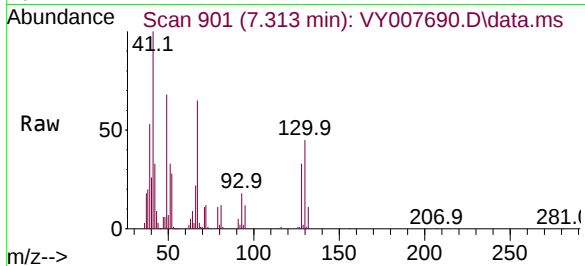
Tgt Ion: 78	Resp: 843897
Ion Ratio	Lower Upper
78	100
77	23.4 20.4 30.6





#41
Methacrylonitrile
Concen: 54.993 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

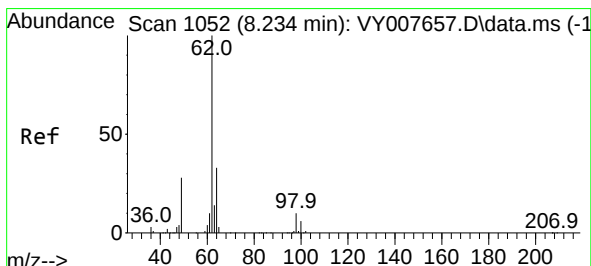
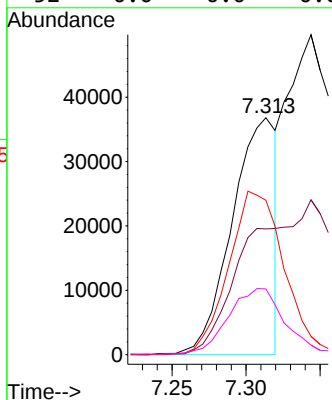
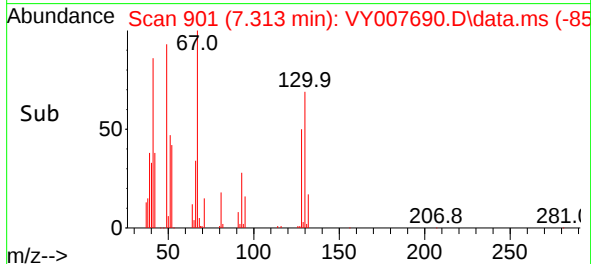
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



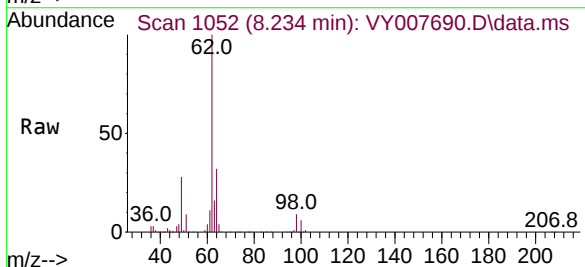
Tgt Ion: 41 Resp: 76672
Ion Ratio Lower Upper
41 100
39 133.8 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

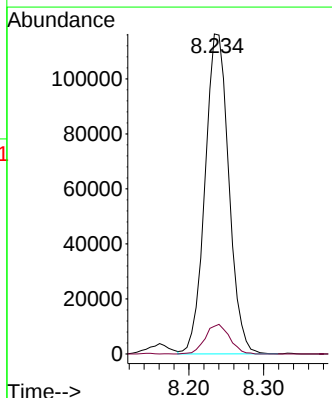
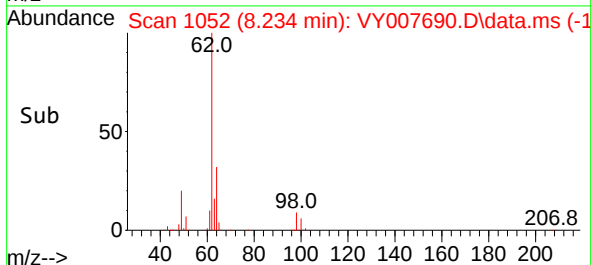
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

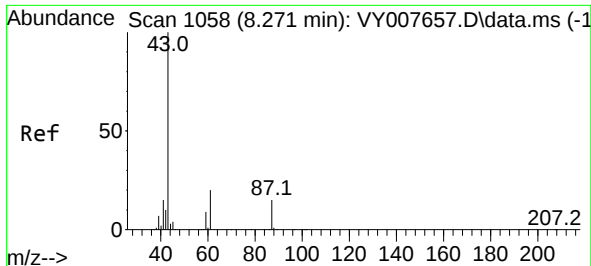


#42
1,2-Dichloroethane
Concen: 56.046 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



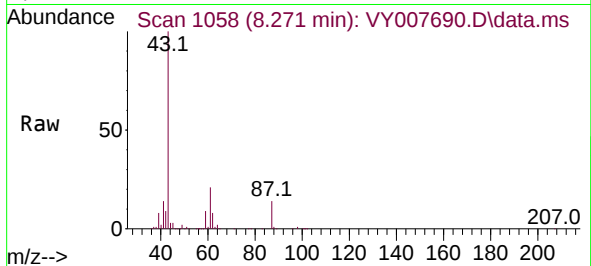
Tgt Ion: 62 Resp: 257093
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 53.750 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

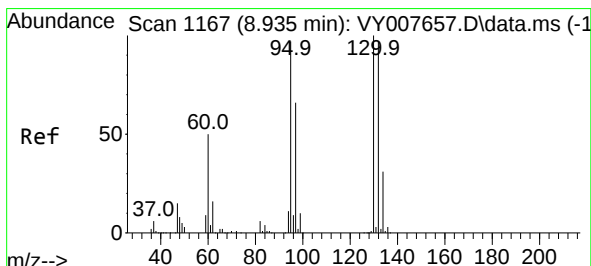
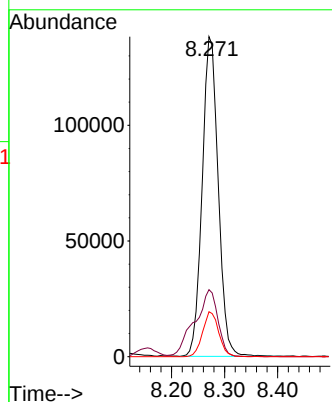
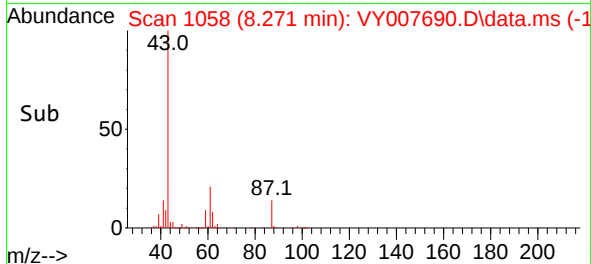
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 290010
Ion Ratio Lower Upper
43 100
61 30.4 20.2 30.2
87 14.1 8.9 13.3

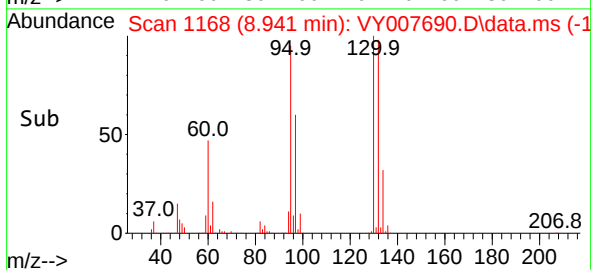
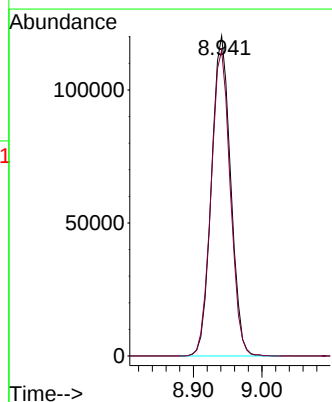
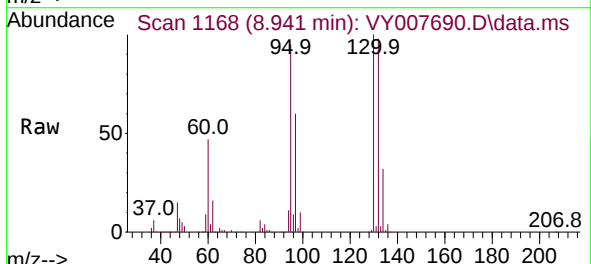
Manual Integrations
APPROVED

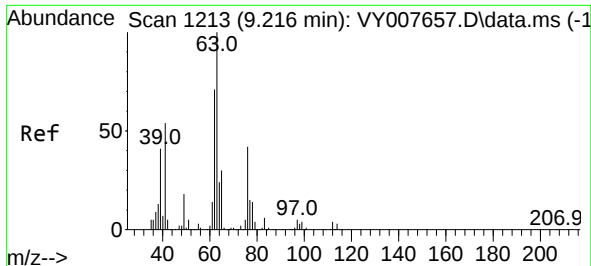
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#44
Trichloroethene
Concen: 56.989 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion:130 Resp: 232679
Ion Ratio Lower Upper
130 100
95 95.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 57.136 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21721

Ion Ratio Lower Upper

63 100

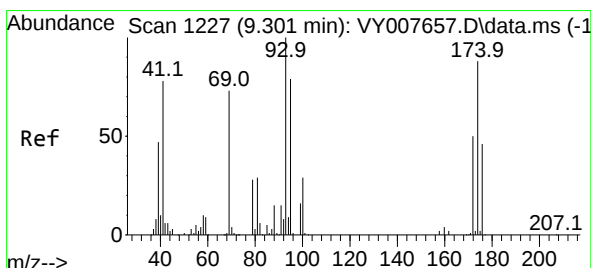
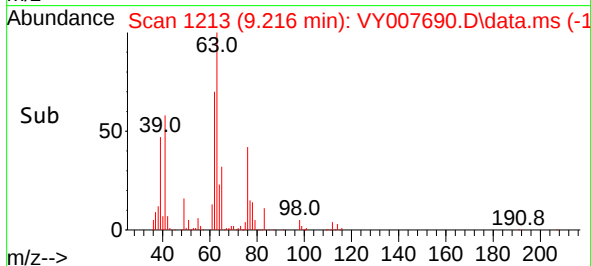
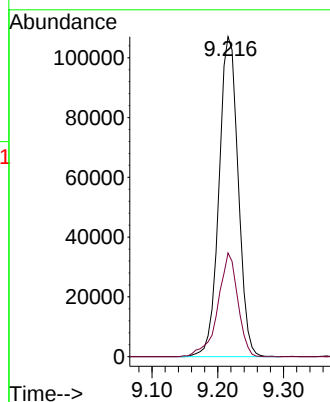
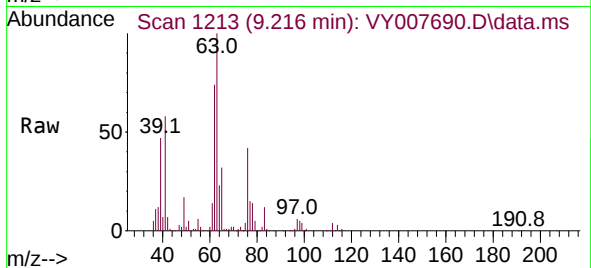
65 32.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#46

Dibromomethane

Concen: 55.498 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

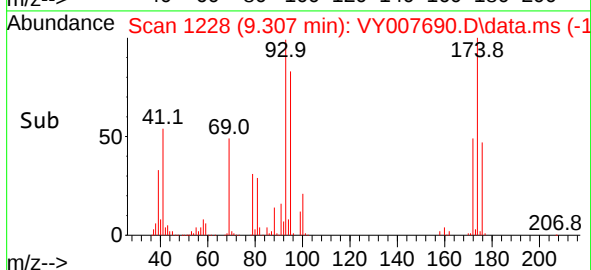
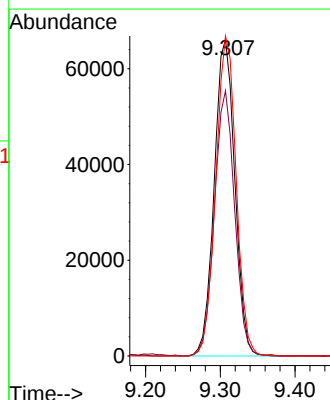
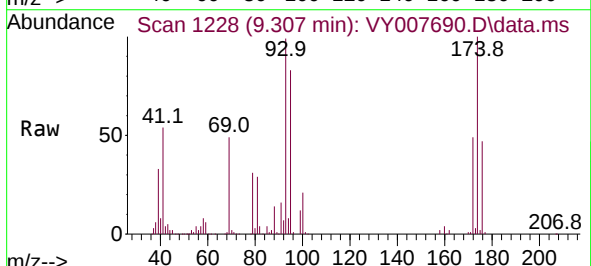
Tgt Ion: 93 Resp: 126647

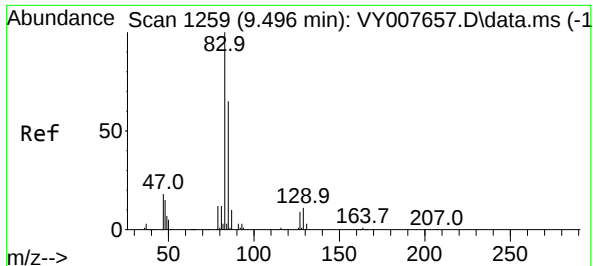
Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

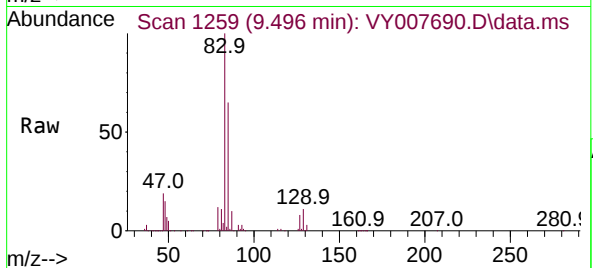
174 100.0 83.4 125.0





#47
Bromodichloromethane
Concen: 58.419 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

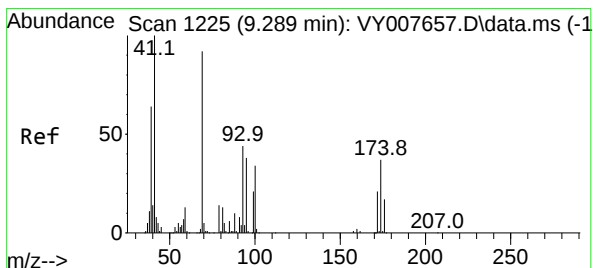
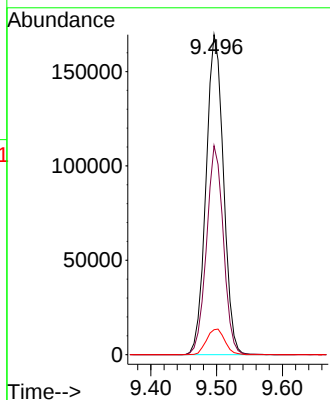
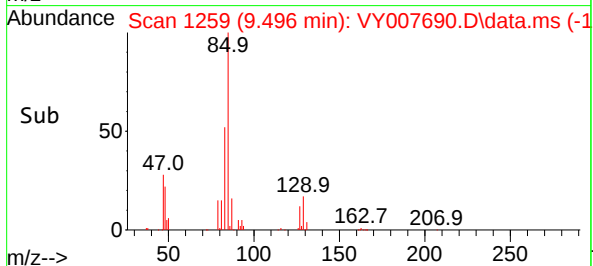
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



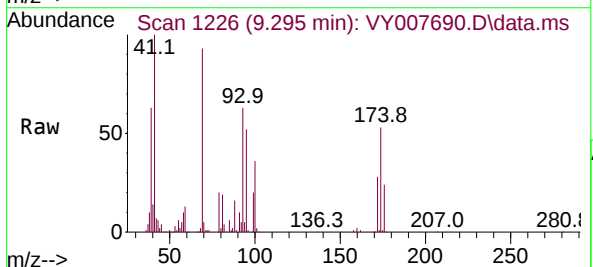
Tgt Ion: 83 Resp: 31268
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9
127 7.8 6.6 10.0

Manual Integrations
APPROVED

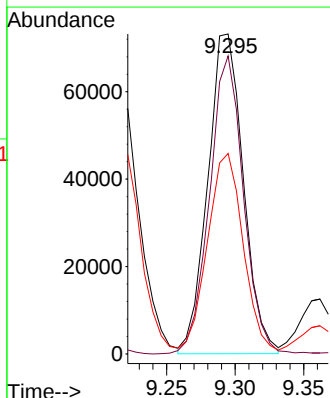
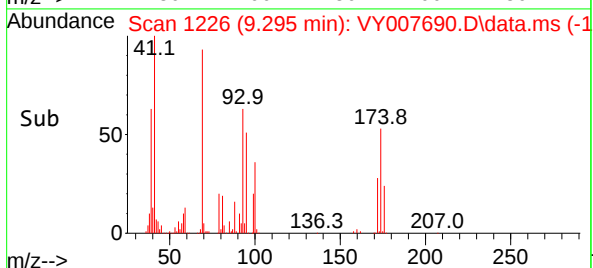
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

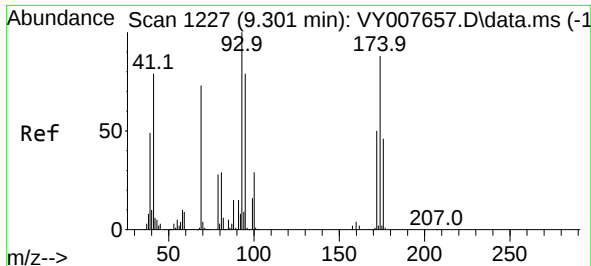


#48
Methyl methacrylate
Concen: 56.444 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion: 41 Resp: 132006
Ion Ratio Lower Upper
41 100
69 89.3 58.2 87.2#
39 60.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1091.794 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

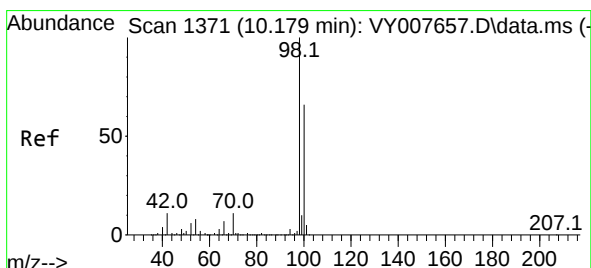
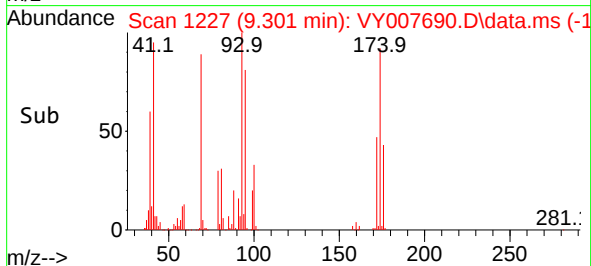
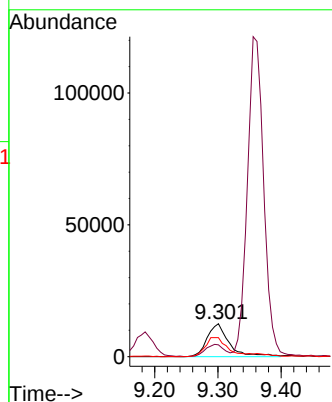
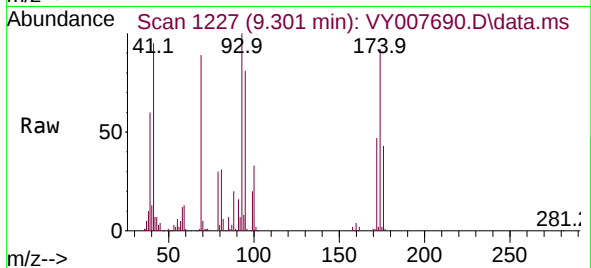
Tgt Ion:	88	Resp:	30079
Ion	Ratio	Lower	Upper
88	100		
43	31.6	32.8	49.2
58	60.9	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#50

Toluene-d8

Concen: 50.284 ug/l

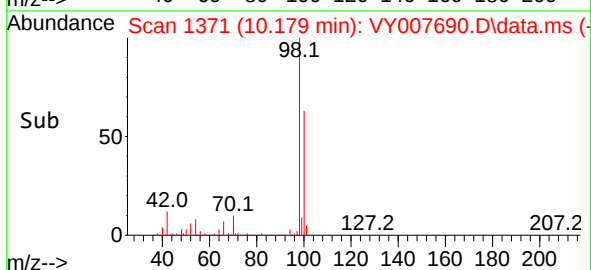
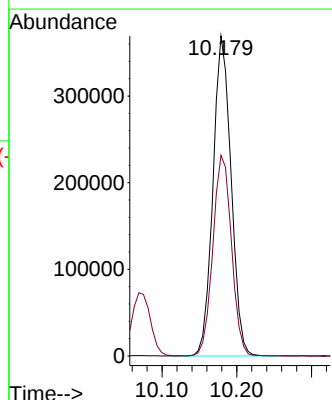
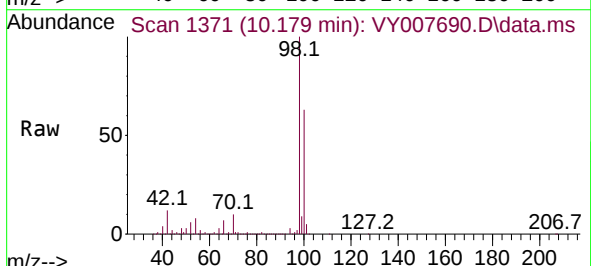
RT: 10.179 min Scan# 1371

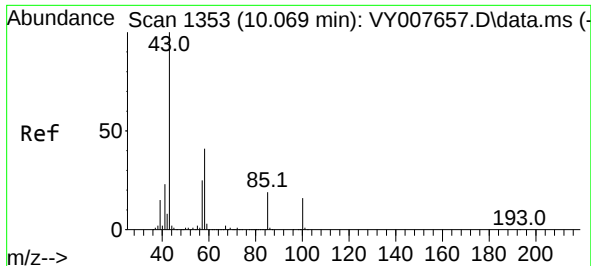
Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Tgt Ion:	98	Resp:	621553
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.2	75.2





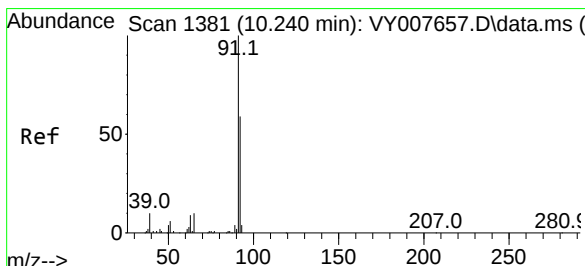
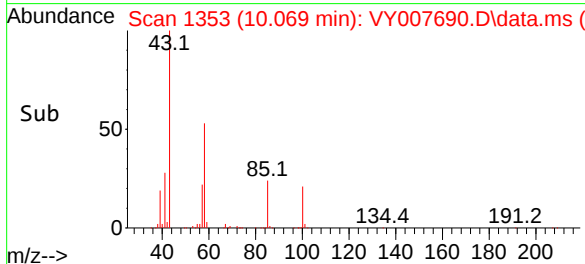
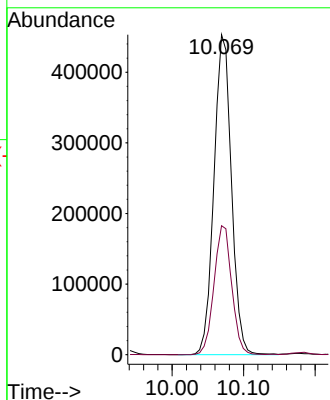
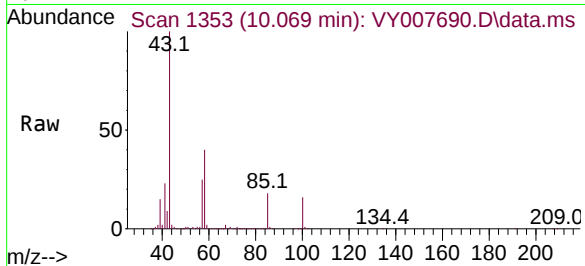
#51
4-Methyl-2-Pentanone
Concen: 266.314 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 768835
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1

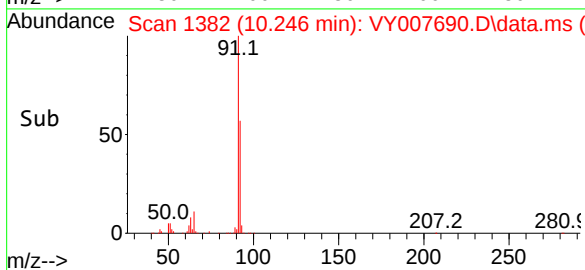
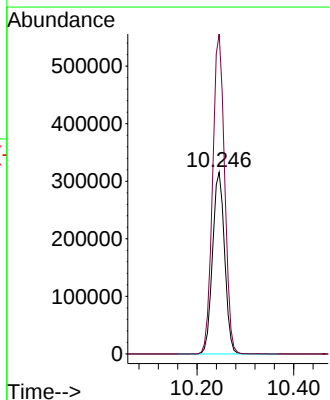
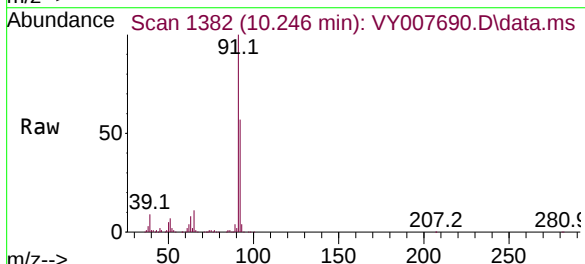
Manual Integrations
APPROVED

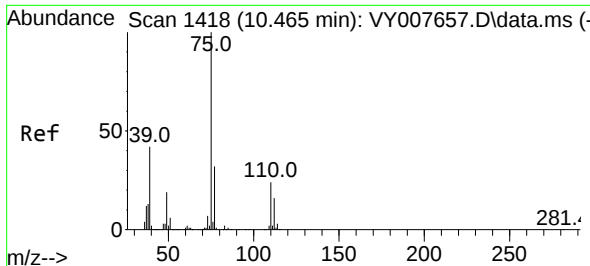
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#52
Toluene
Concen: 57.326 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

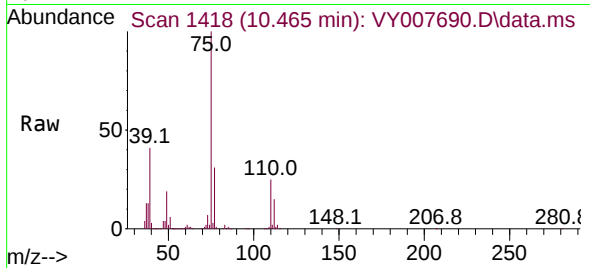
Tgt Ion: 92 Resp: 544909
Ion Ratio Lower Upper
92 100
91 175.4 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 58.034 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

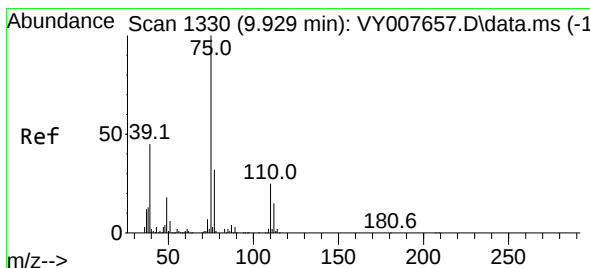
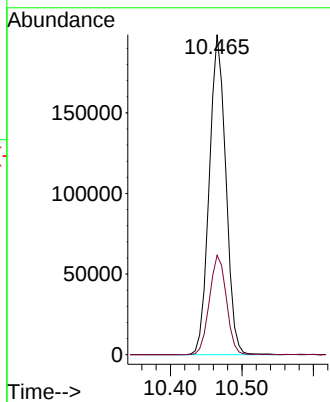
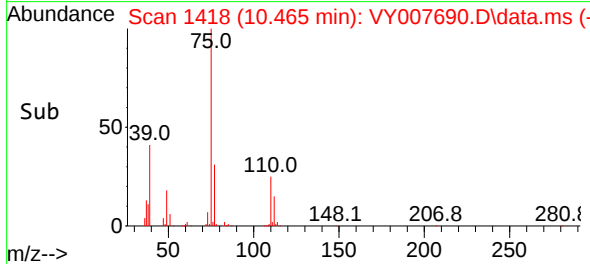
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 318915
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

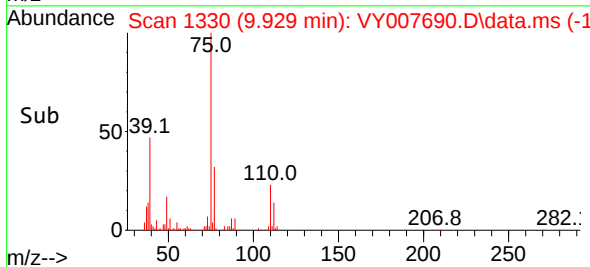
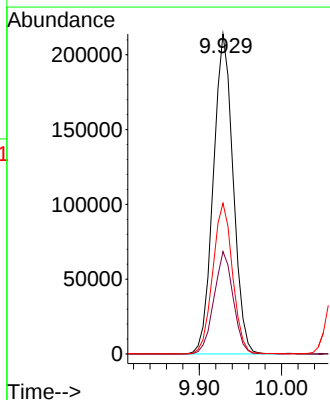
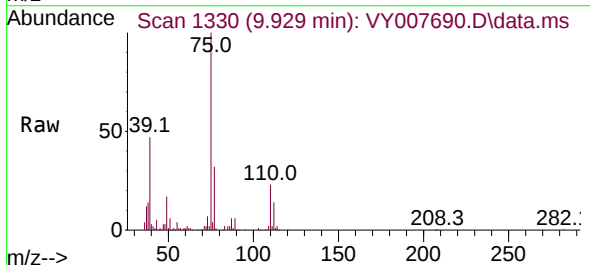
Manual Integrations
APPROVED

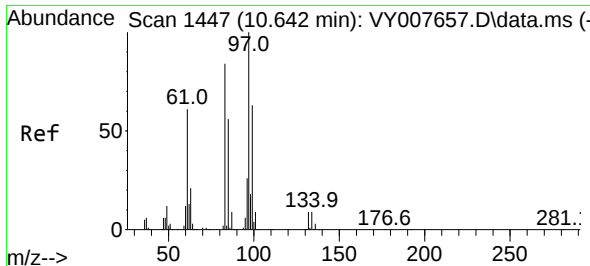
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#54
cis-1,3-Dichloropropene
Concen: 59.045 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

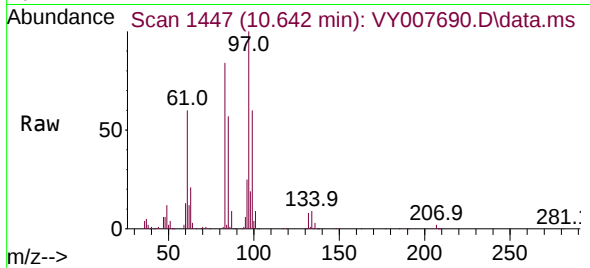
Tgt Ion: 75 Resp: 358485
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 47.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 56.452 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

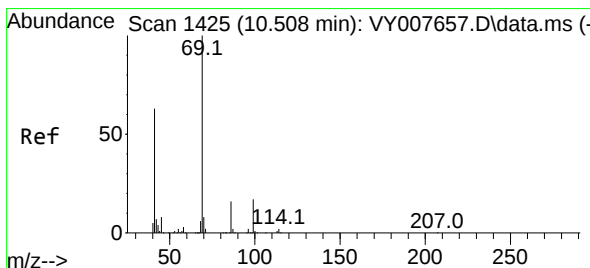
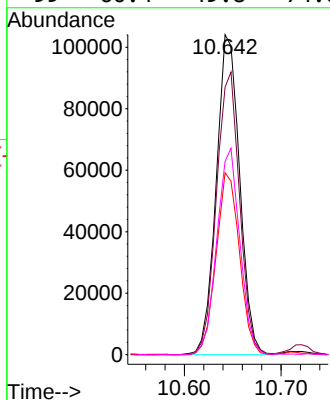
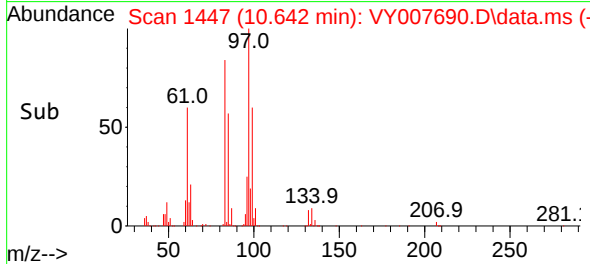


Tgt Ion: 97 Resp: 175258

Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.8	104.8
85	56.8	44.3	66.5
99	60.4	49.8	74.6

Manual Integrations
APPROVED

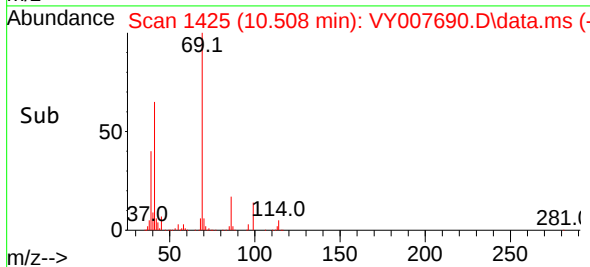
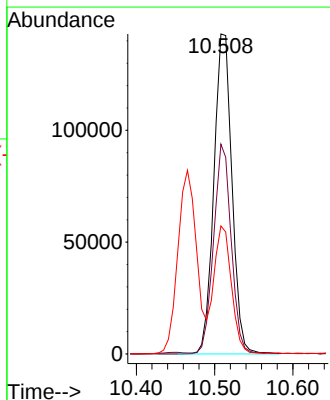
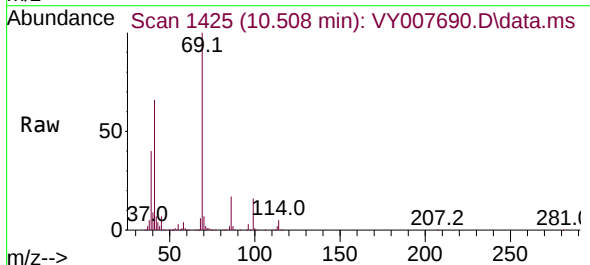
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

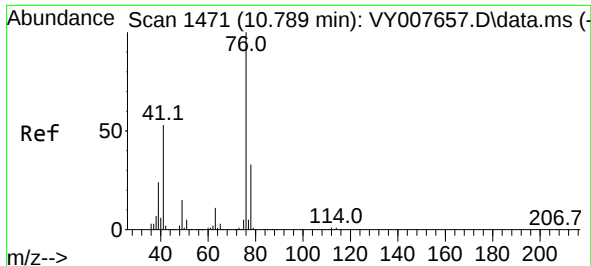


#56
Ethyl methacrylate
Concen: 55.761 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion: 69 Resp: 229831

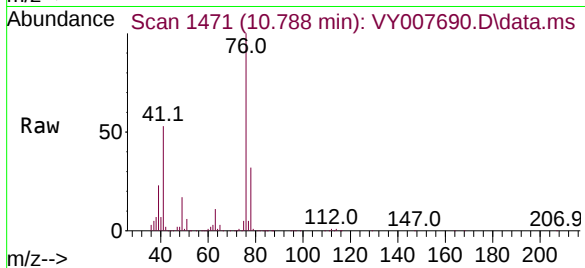
Ion	Ratio	Lower	Upper
69	100		
41	63.4	63.4	95.0
39	38.1	35.8	53.8





#57
1,3-Dichloropropane
Concen: 57.260 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

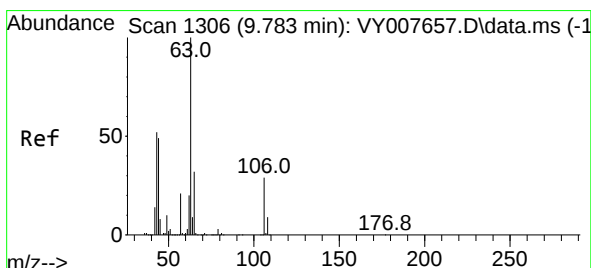
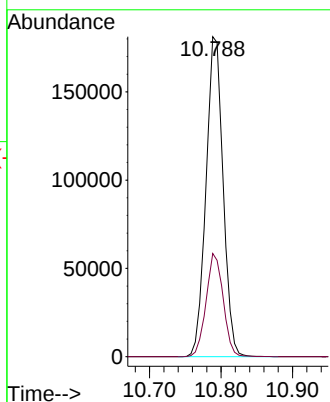
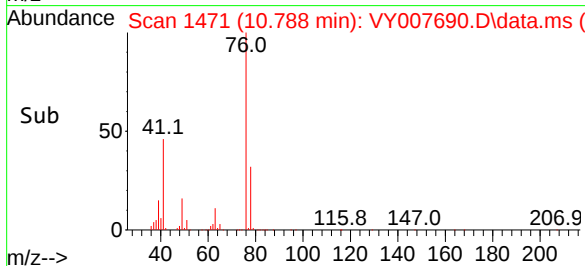
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 300608
Ion Ratio Lower Upper
76 100
78 32.3 25.0 37.6

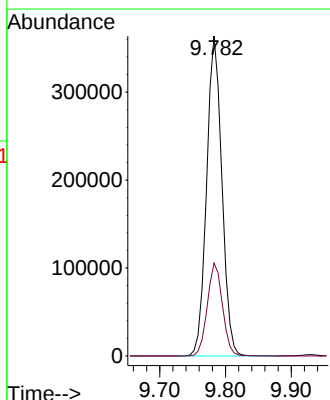
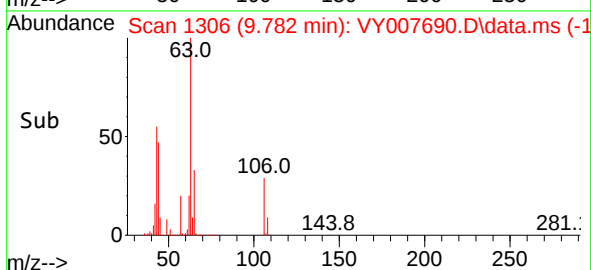
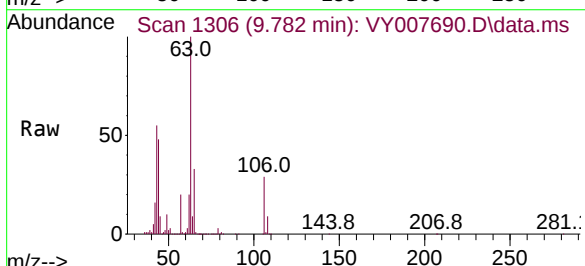
Manual Integrations
APPROVED

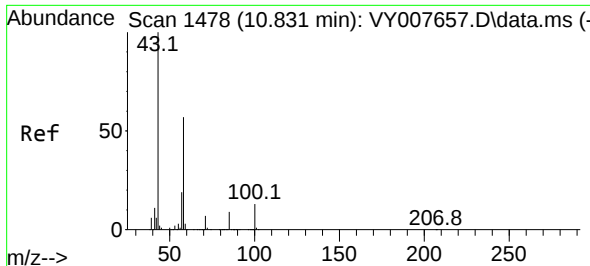
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#58
2-Chloroethyl Vinyl ether
Concen: 261.184 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

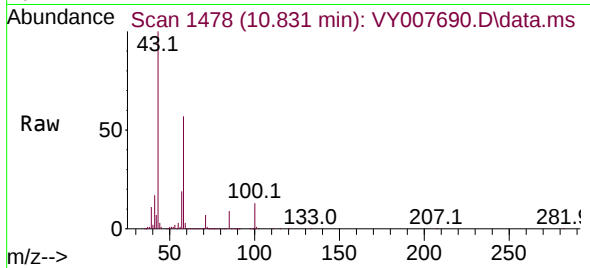
Tgt Ion: 63 Resp: 587095
Ion Ratio Lower Upper
63 100
106 28.8 21.5 32.3





#59
2-Hexanone
Concen: 275.492 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

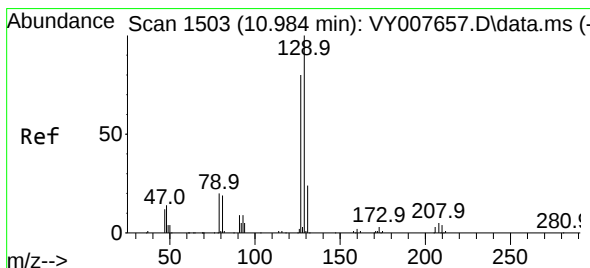
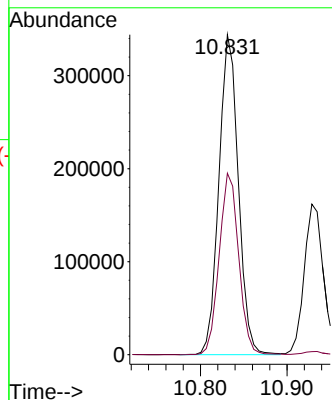
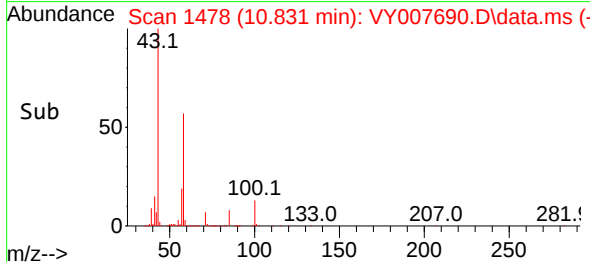
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



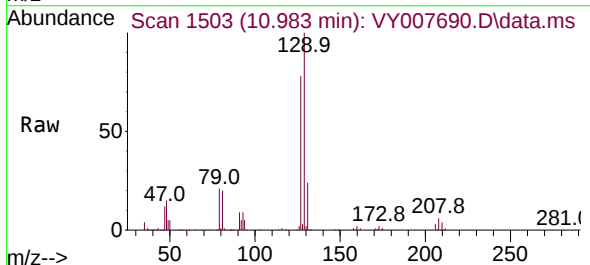
Tgt Ion: 43 Resp: 53559
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4

Manual Integrations
APPROVED

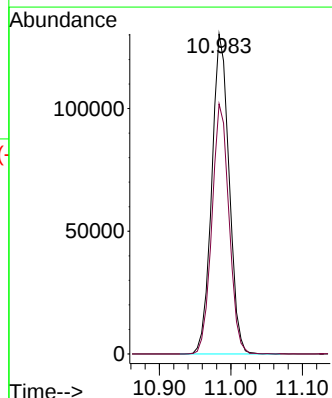
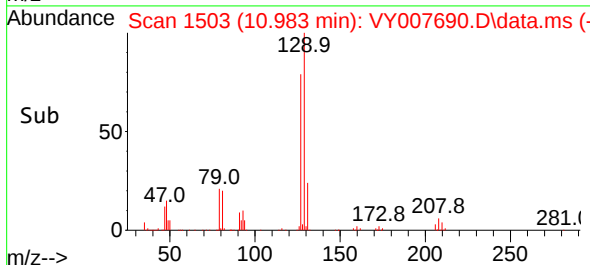
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

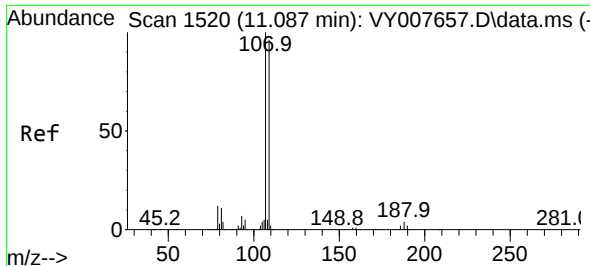


#60
Dibromochloromethane
Concen: 59.285 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



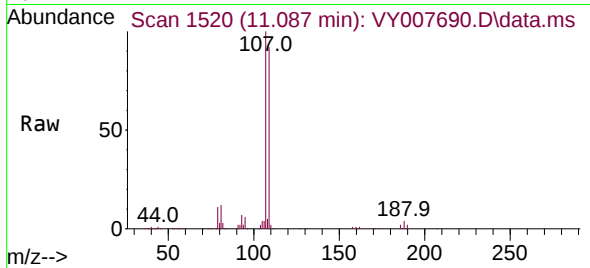
Tgt Ion:129 Resp: 219156
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 56.195 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

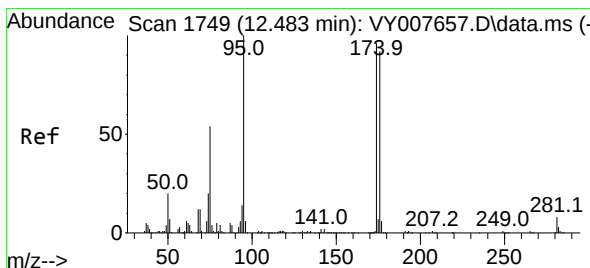
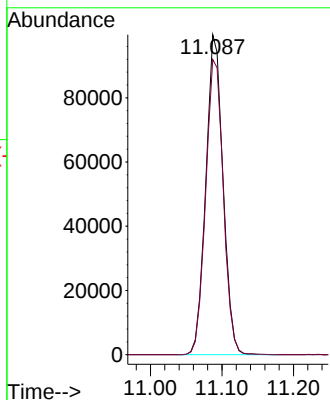
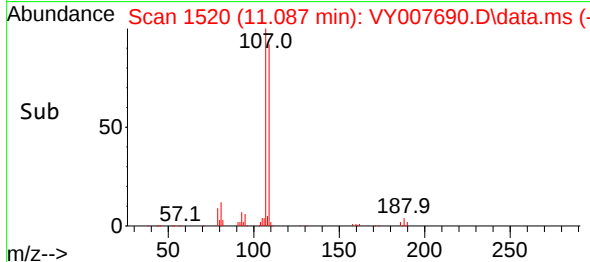
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



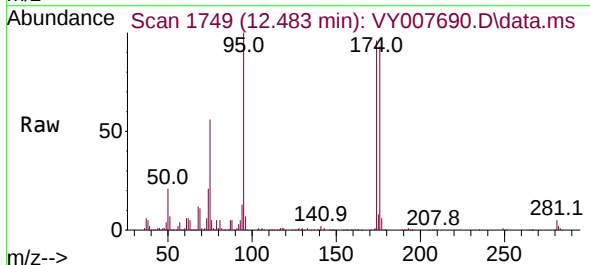
Tgt Ion:107 Resp: 166288
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2

Manual Integrations
APPROVED

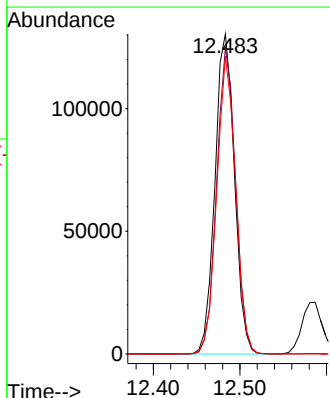
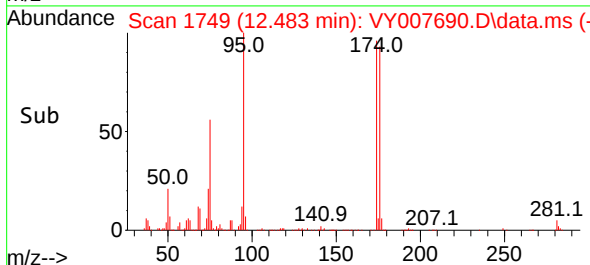
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

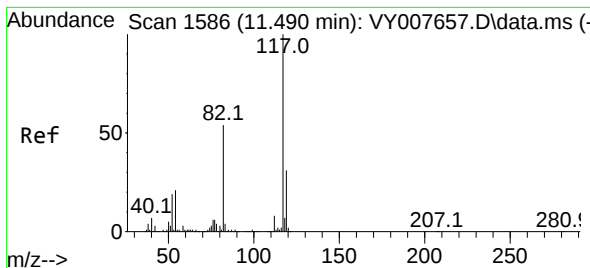


#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



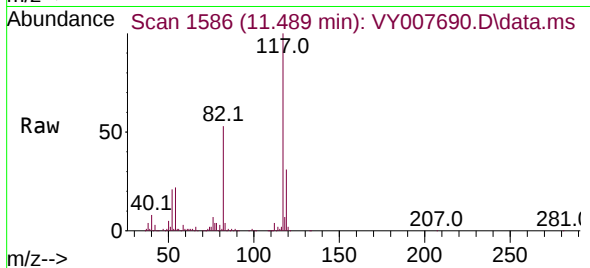
Tgt Ion: 95 Resp: 203992
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 90.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

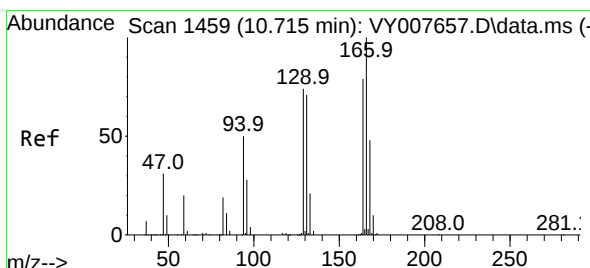
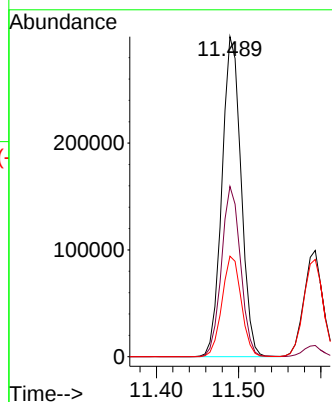
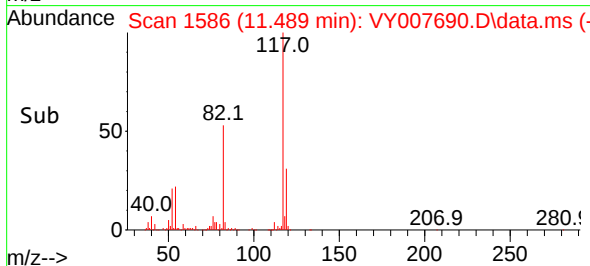
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



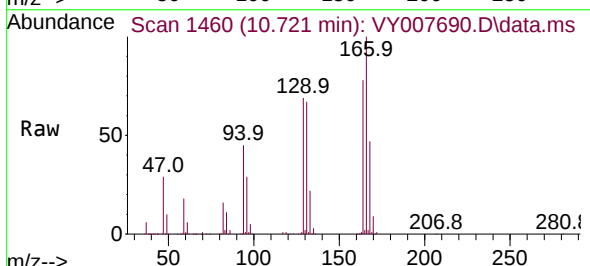
Tgt Ion:117 Resp: 48318
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.4 25.4 38.0

Manual Integrations
APPROVED

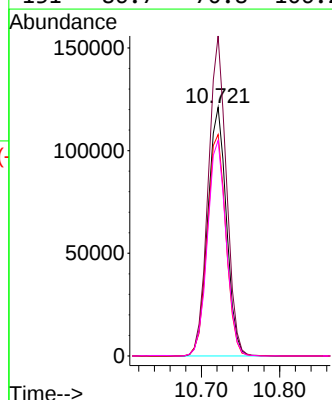
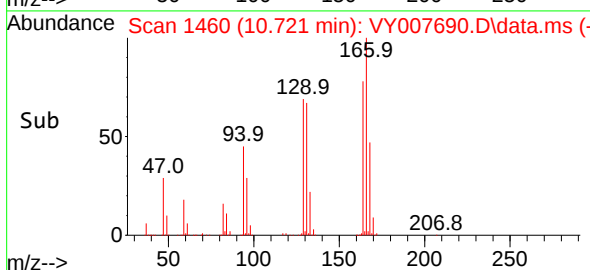
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

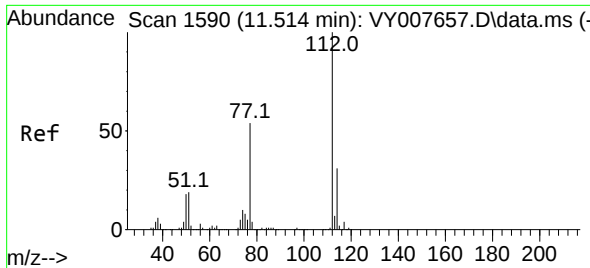


#64
Tetrachloroethene
Concen: 55.756 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



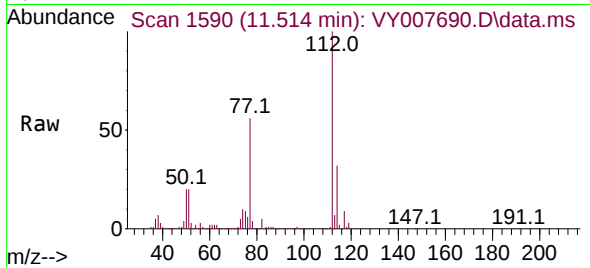
Tgt Ion:164 Resp: 199696
Ion Ratio Lower Upper
164 100
166 128.7 100.4 150.6
129 89.1 71.4 107.0
131 86.7 70.8 106.2





#65
Chlorobenzene
Concen: 56.558 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

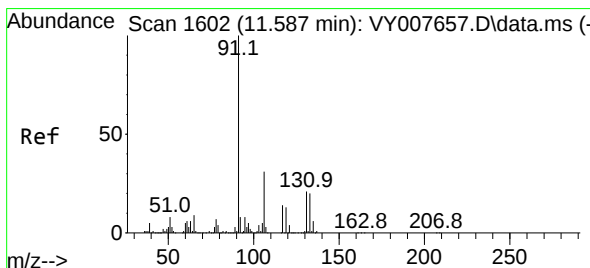
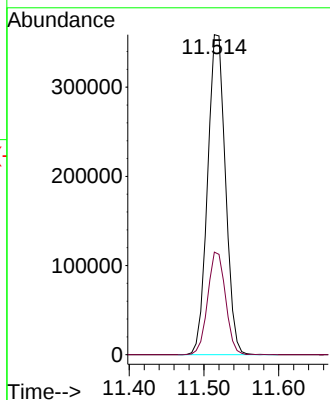
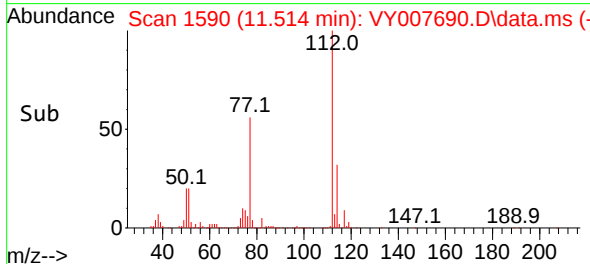
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



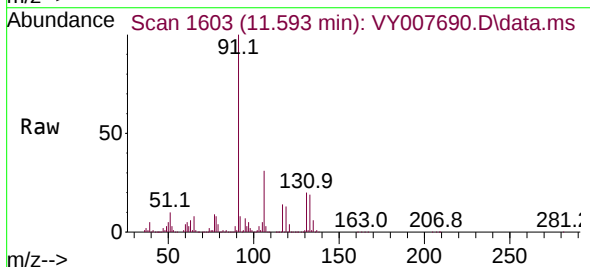
Tgt Ion:112 Resp: 595380
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Manual Integrations
APPROVED

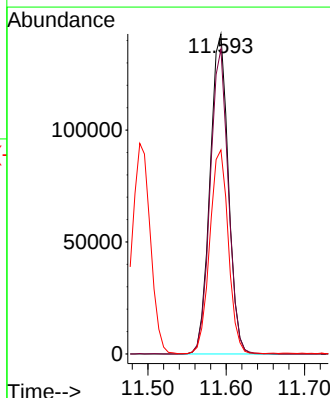
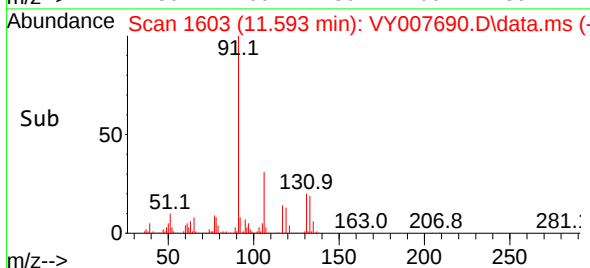
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

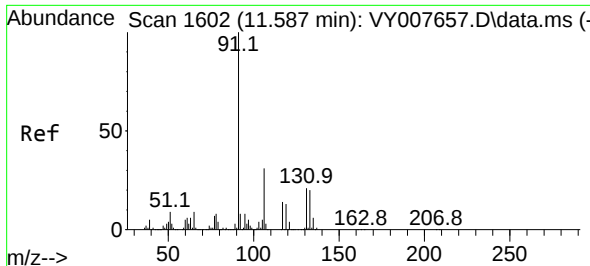


#66
1,1,1,2-Tetrachloroethane
Concen: 58.922 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion:131 Resp: 231949
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 57.049 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 108301

Ion Ratio Lower Upper

91 100

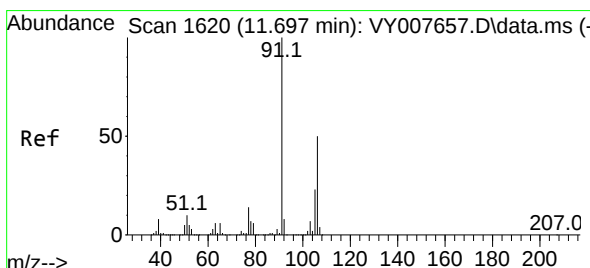
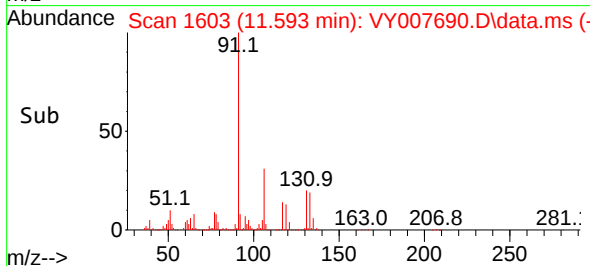
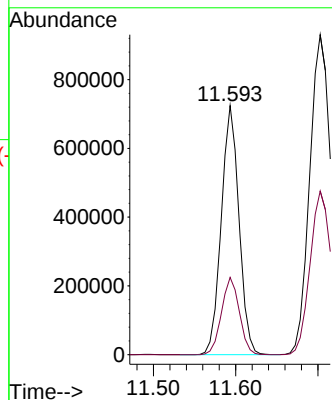
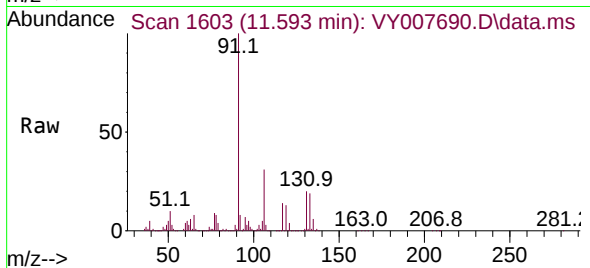
106 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#68

m/p-Xylenes

Concen: 116.240 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007690.D

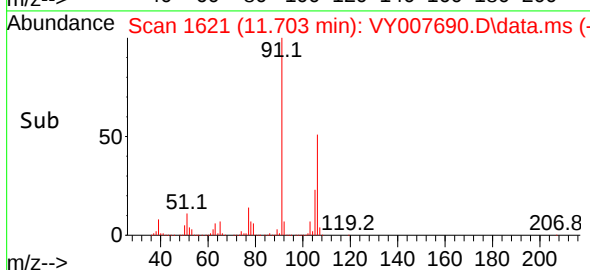
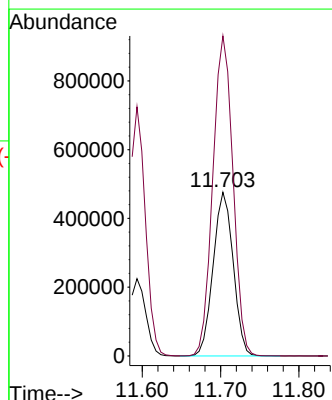
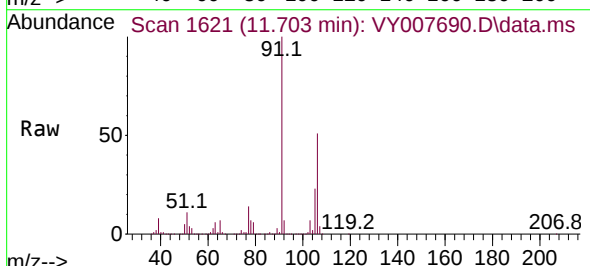
Acq: 02 Mar 2022 16:03

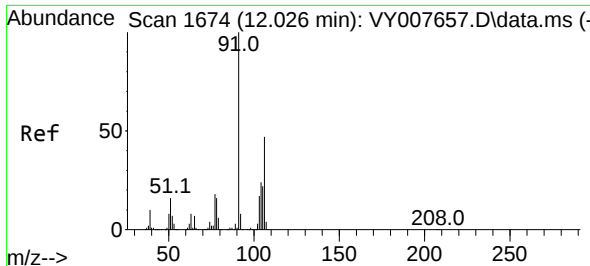
Tgt Ion:106 Resp: 846691

Ion Ratio Lower Upper

106 100

91 196.4 166.6 249.8





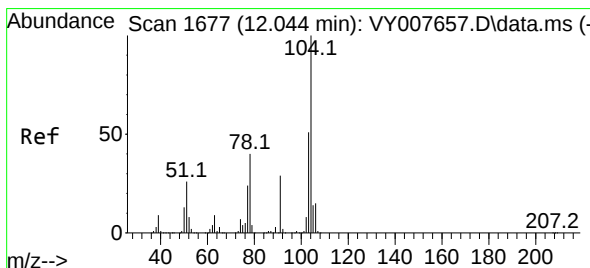
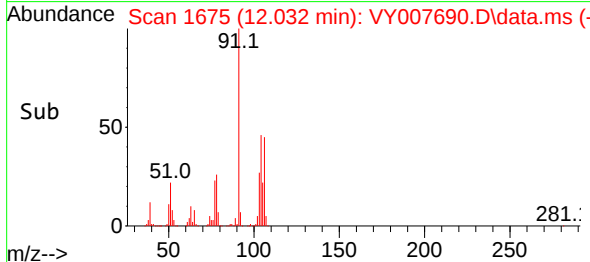
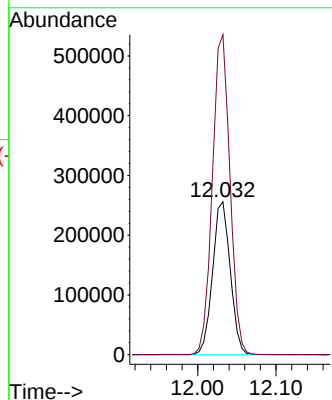
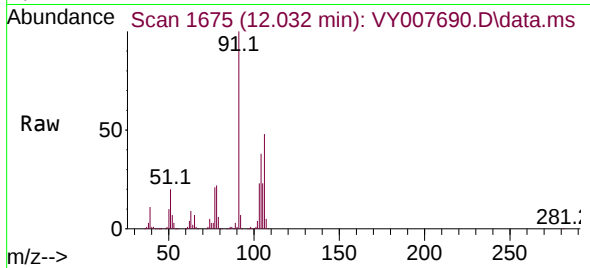
#69
o-Xylene
Concen: 58.032 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 400569
Ion Ratio Lower Upper
106 100
91 208.8 110.3 331.0

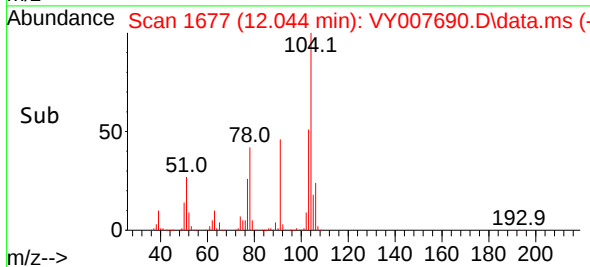
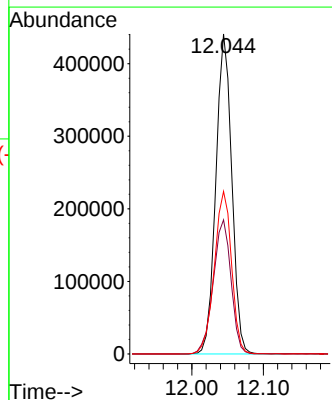
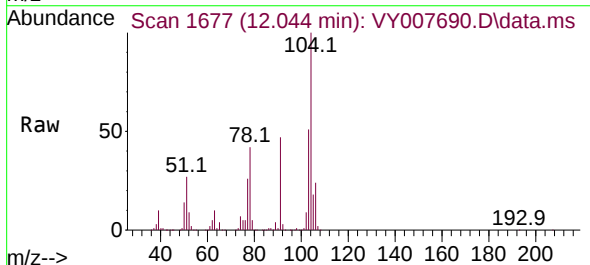
Manual Integrations
APPROVED

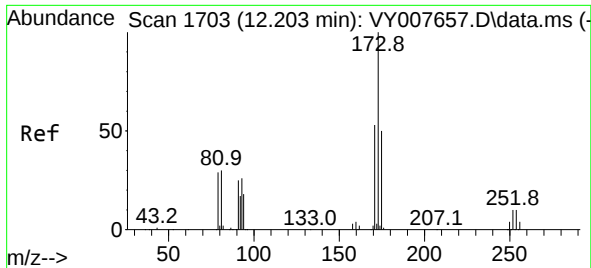
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#70
Styrene
Concen: 58.892 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

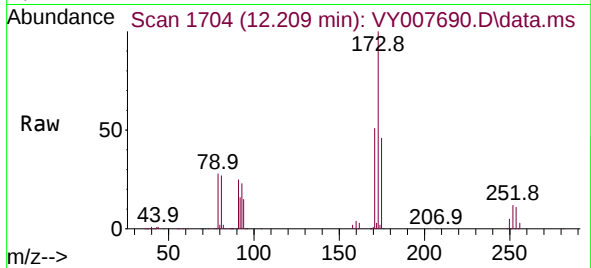
Tgt Ion:104 Resp: 680656
Ion Ratio Lower Upper
104 100
78 46.8 42.4 63.6
103 55.1 44.4 66.6





#71
Bromoform
Concen: 56.357 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

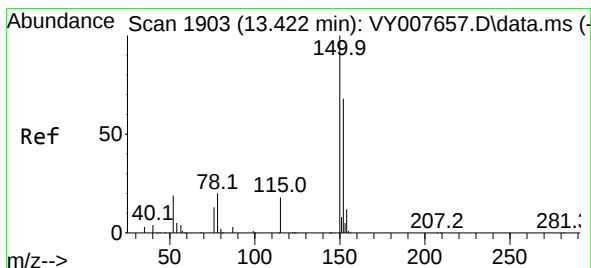
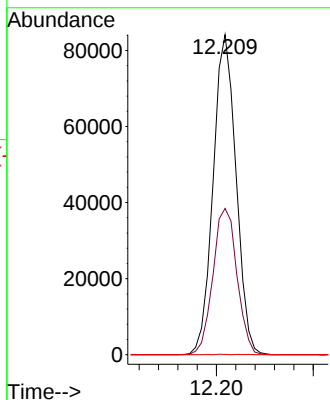
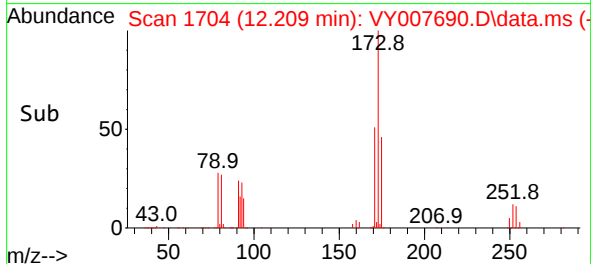
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



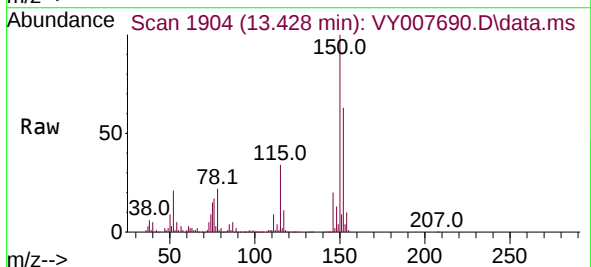
Tgt Ion:173 Resp: 138138
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

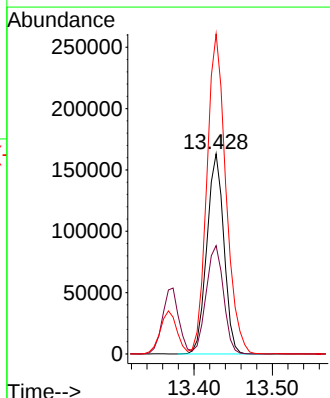
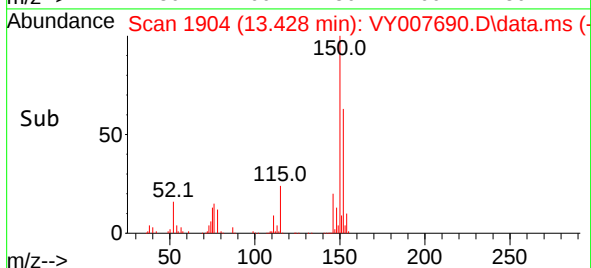
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

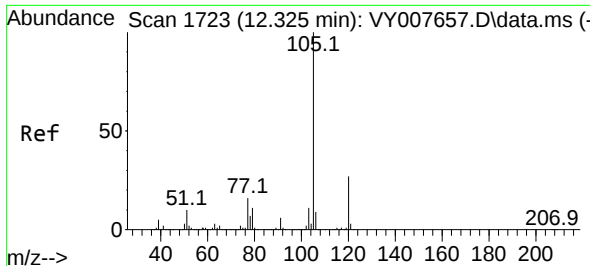


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion:152 Resp: 245600
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 179.0 0.0 347.6





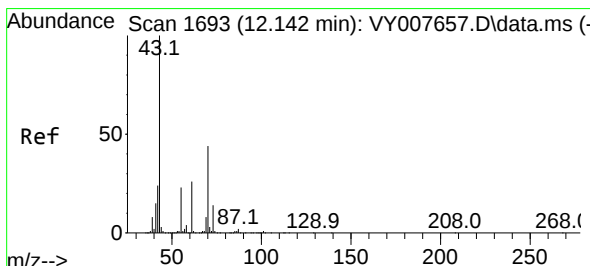
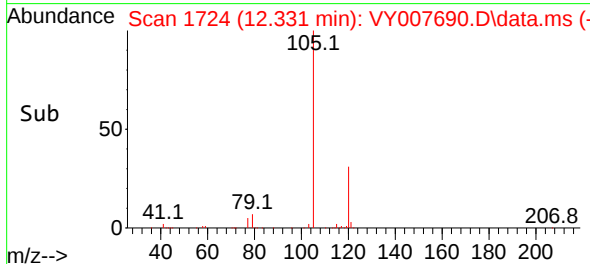
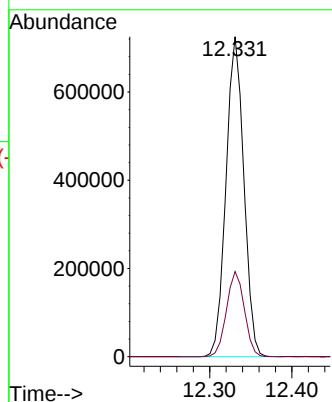
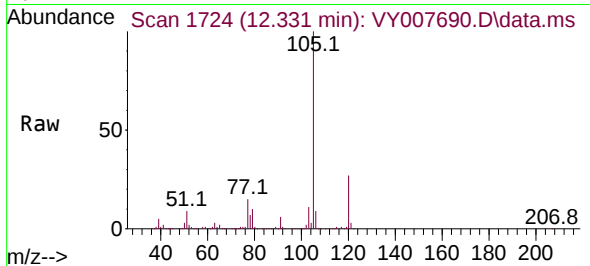
#73
Isopropylbenzene
Concen: 57.101 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 109254
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

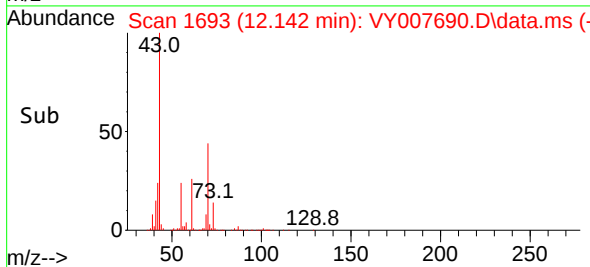
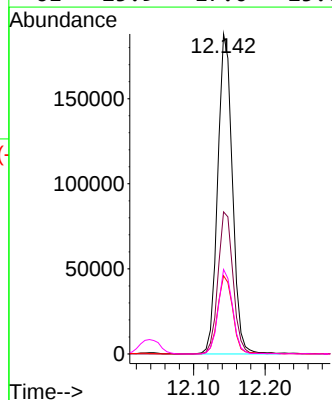
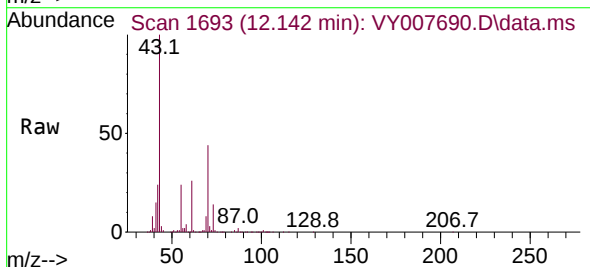
Manual Integrations
APPROVED

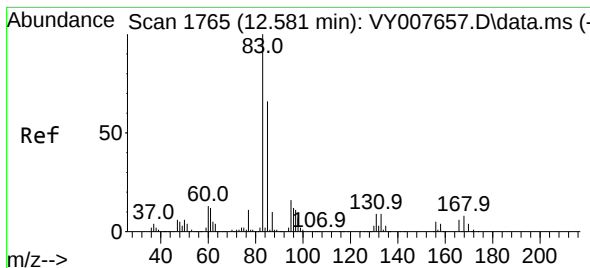
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#74
N-ethyl acetate
Concen: 52.654 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

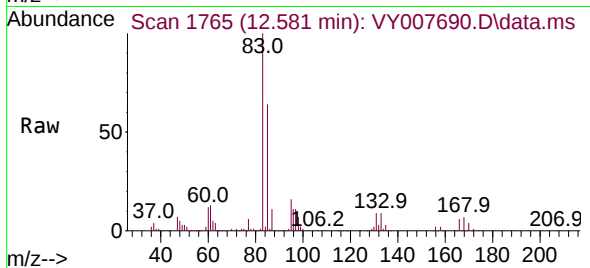
Tgt Ion: 43 Resp: 268183
Ion Ratio Lower Upper
43 100
70 45.6 28.7 43.1#
55 25.1 17.3 25.9
61 25.9 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.720 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

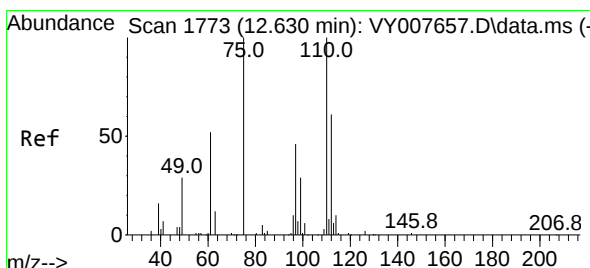
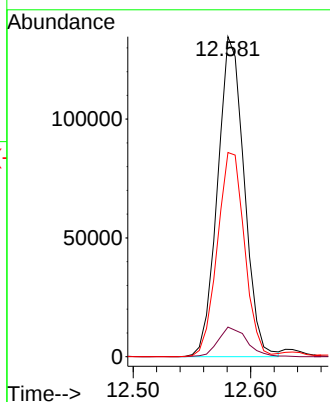
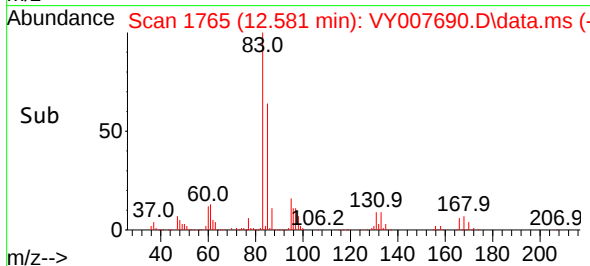
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



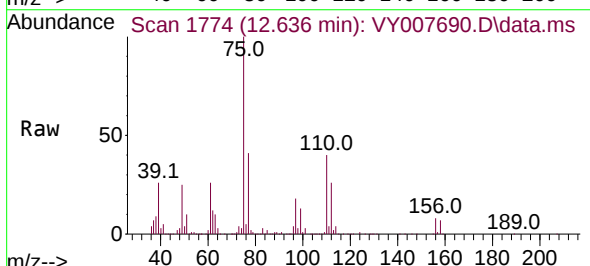
Tgt Ion: 83 Resp: 211562
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

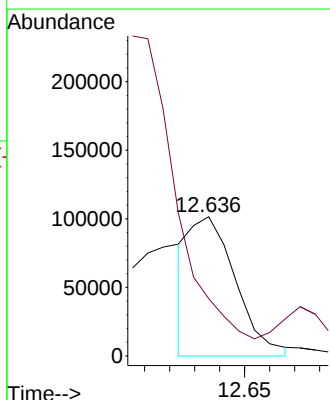
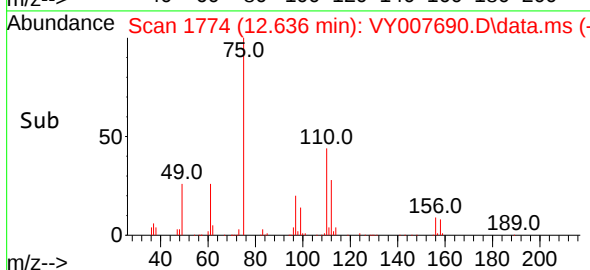
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

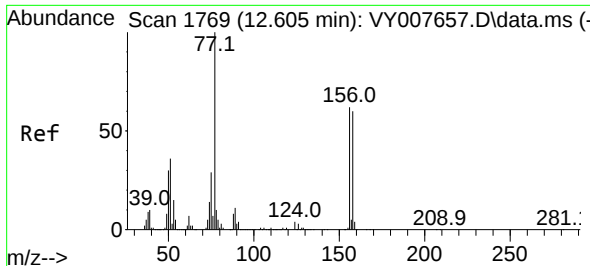


#76
1,2,3-Trichloropropane
Concen: 47.972 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



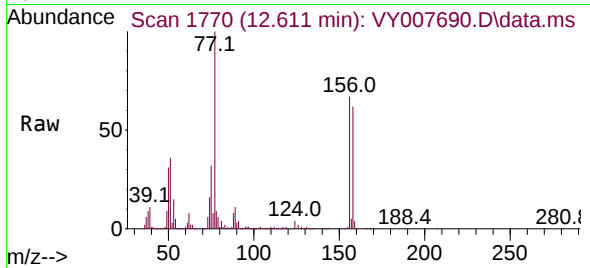
Tgt Ion: 75 Resp: 131577
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 56.285 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

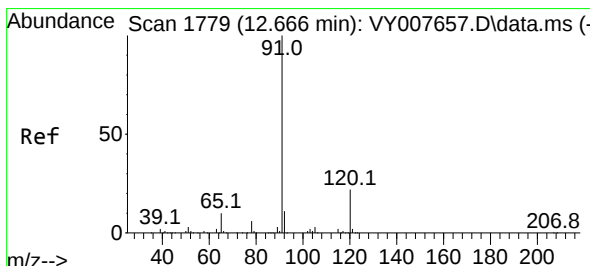
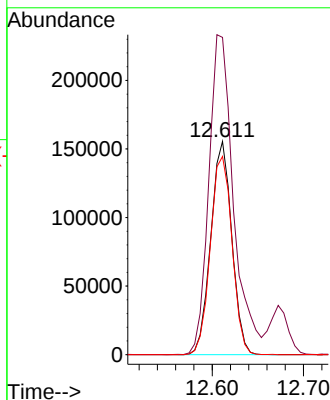
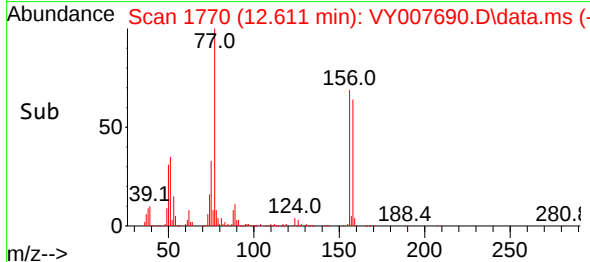
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



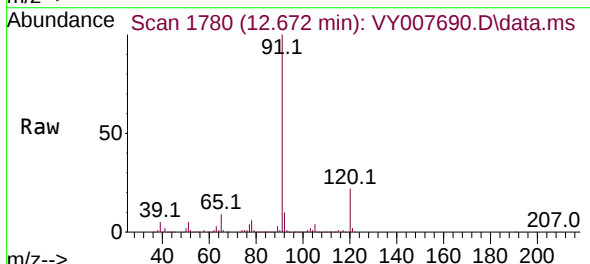
Tgt Ion:156 Resp: 248058
Ion Ratio Lower Upper
156 100
77 176.3 95.5 286.4
158 95.9 48.0 144.0

Manual Integrations
APPROVED

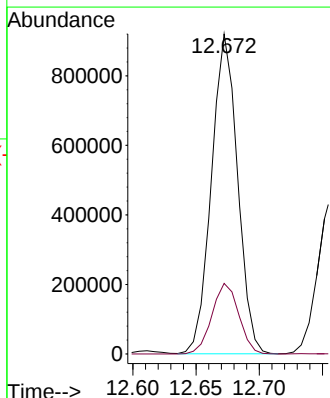
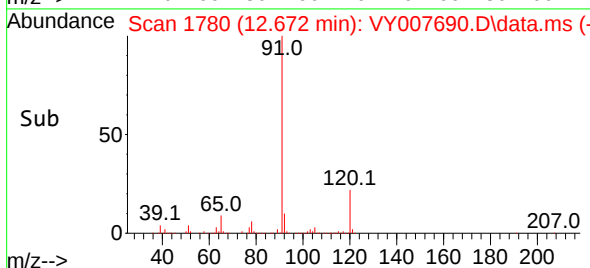
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

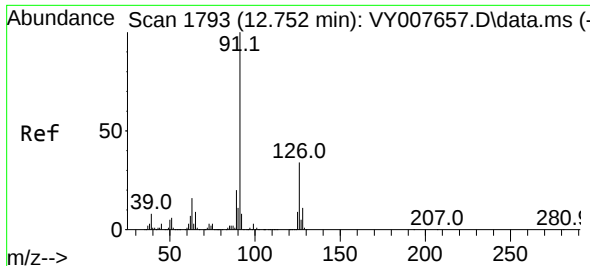


#78
n-propylbenzene
Concen: 57.269 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



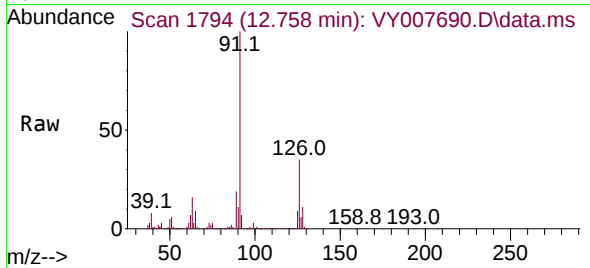
Tgt Ion: 91 Resp: 1322241
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





#79
2-Chlorotoluene
Concen: 57.232 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

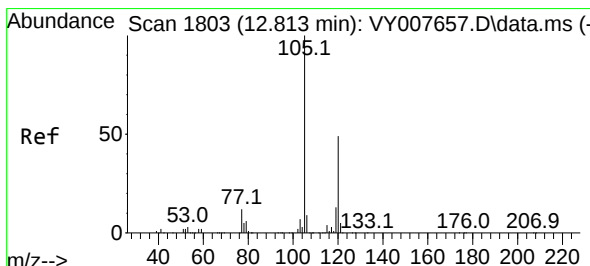
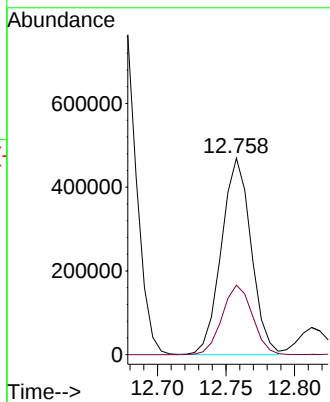
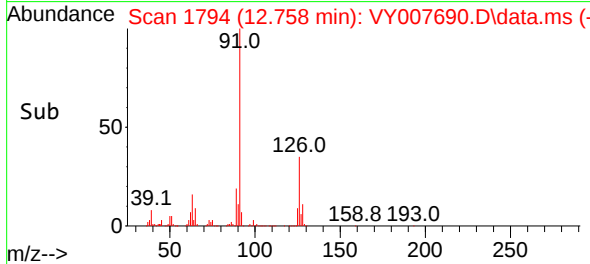
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



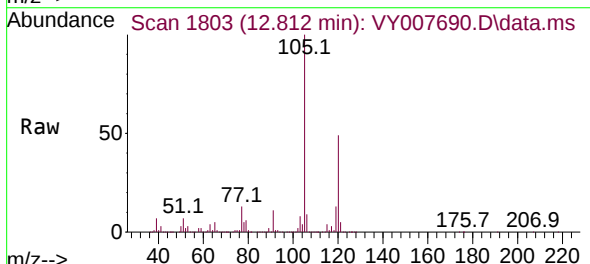
Tgt Ion: 91 Resp: 707083
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6

Manual Integrations
APPROVED

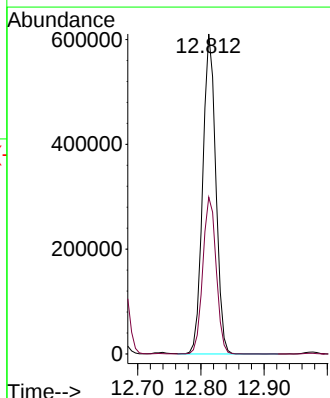
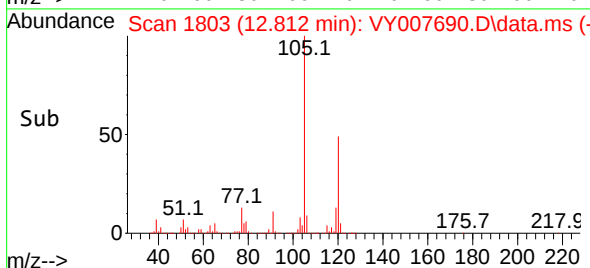
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

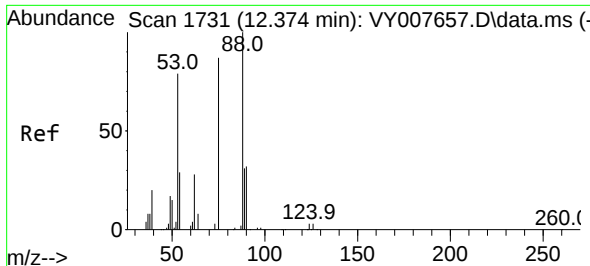


#80
1,3,5-Trimethylbenzene
Concen: 57.390 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03



Tgt Ion:105 Resp: 878020
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





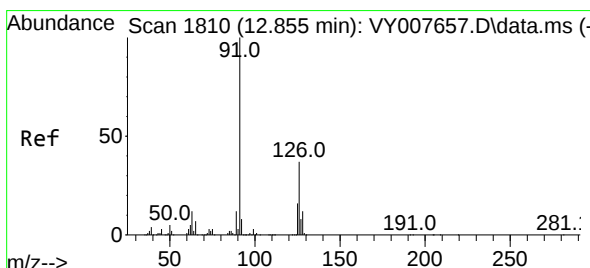
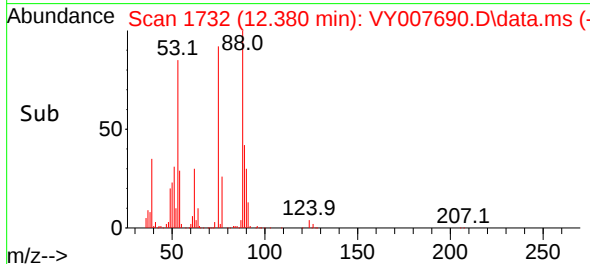
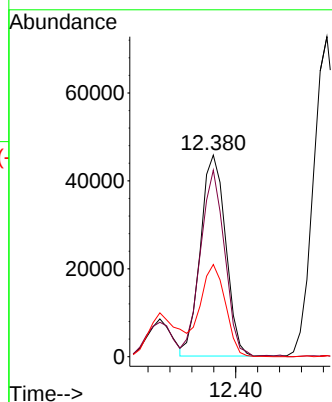
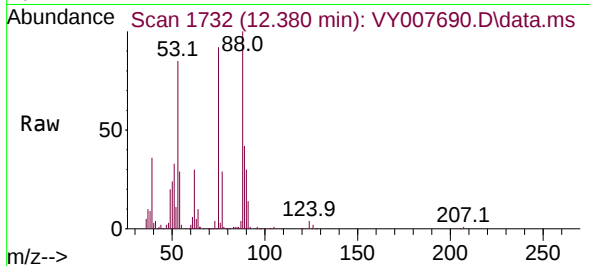
#81
trans-1,4-Dichloro-2-butene
Concen: 54.433 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 73028
Ion Ratio Lower Upper
75 100
53 88.9 85.3 127.9
89 45.9 37.0 55.4

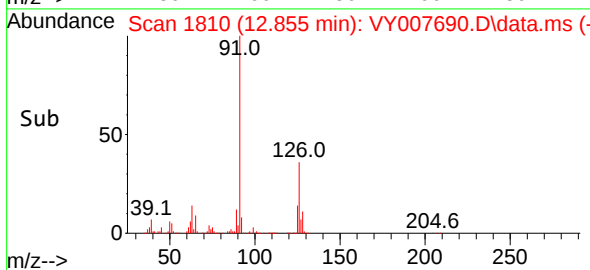
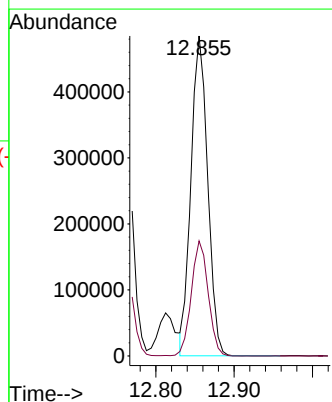
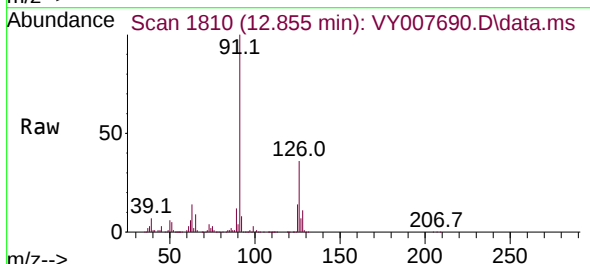
Manual Integrations
APPROVED

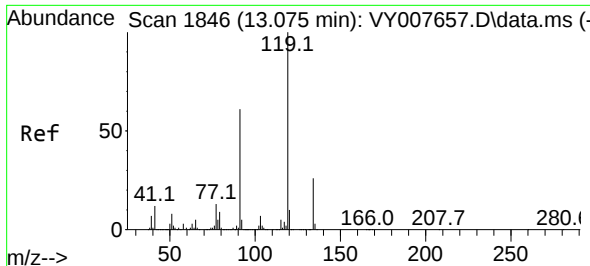
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#82
4-Chlorotoluene
Concen: 56.611 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

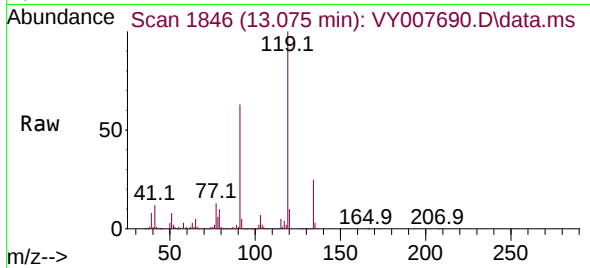
Tgt Ion: 91 Resp: 719411
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





#83
tert-Butylbenzene
Concen: 57.069 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

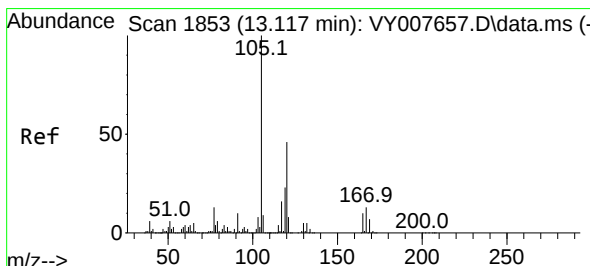
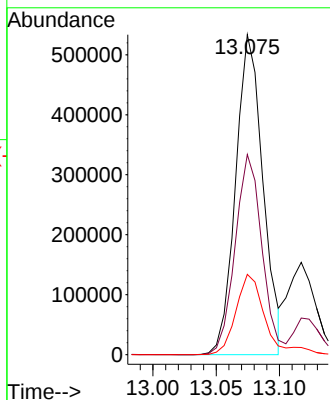
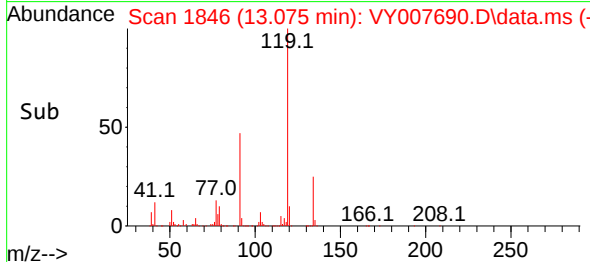
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 803109
Ion Ratio Lower Upper
119 100
91 61.5 34.8 104.4
134 26.9 13.3 39.9

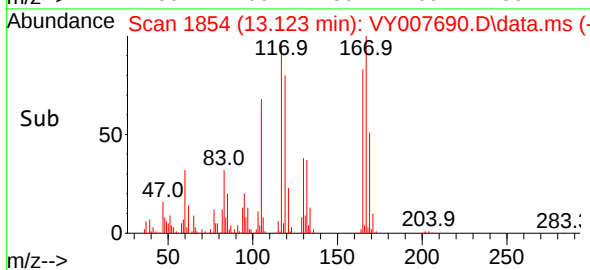
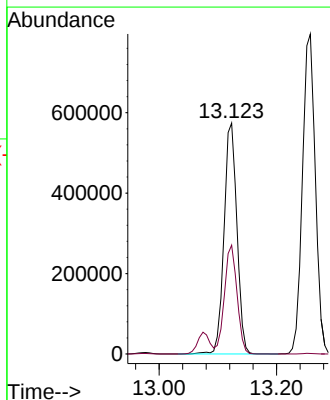
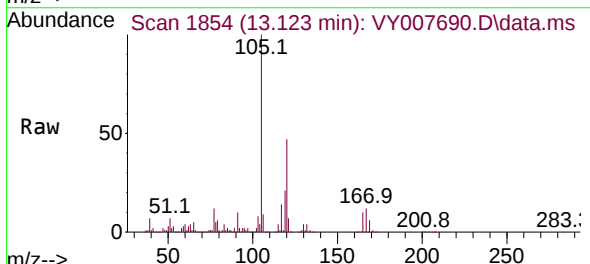
Manual Integrations
APPROVED

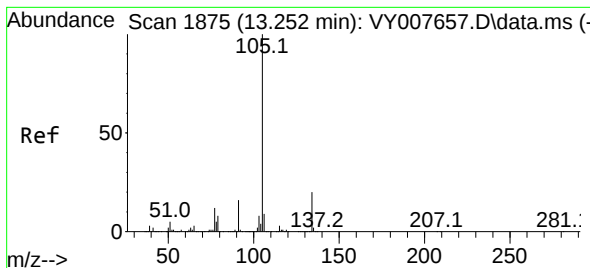
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 57.977 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

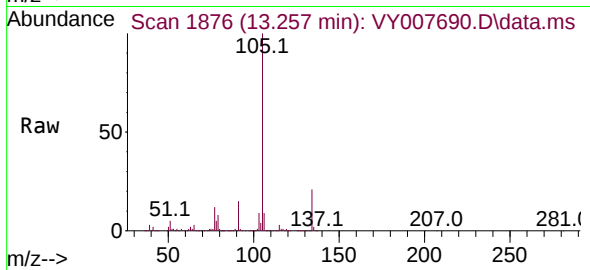
Tgt Ion:105 Resp: 873703
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 57.897 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.005 min
 Lab File: VY007690.D
 Acq: 02 Mar 2022 16:03

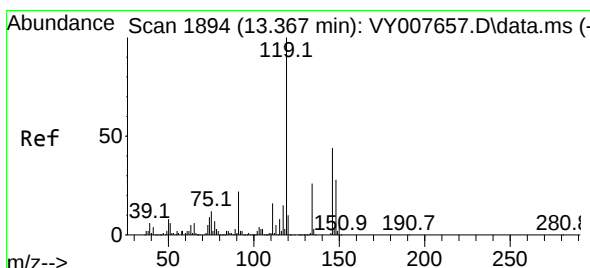
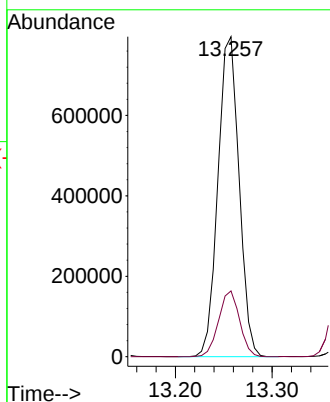
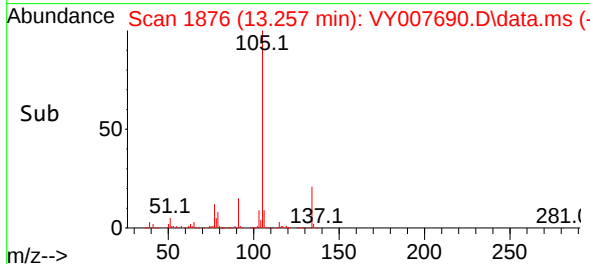
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1205270
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

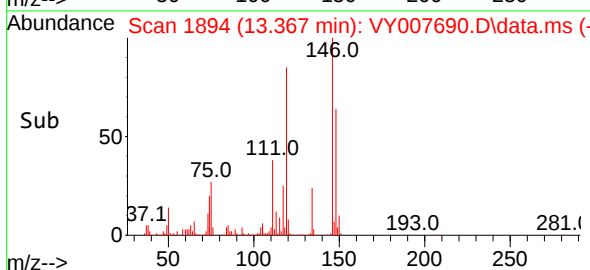
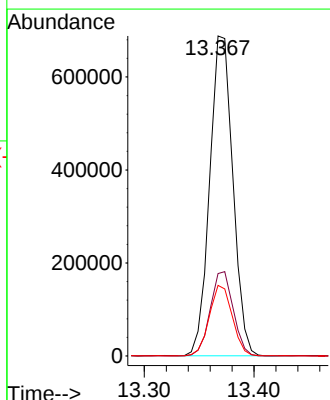
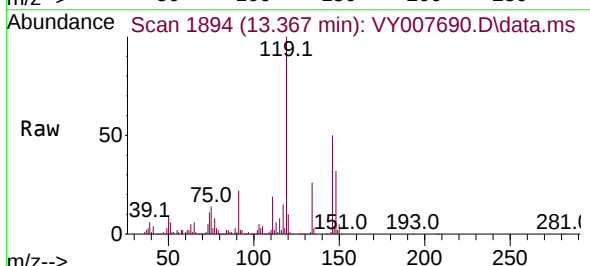
Manual Integrations
 APPROVED

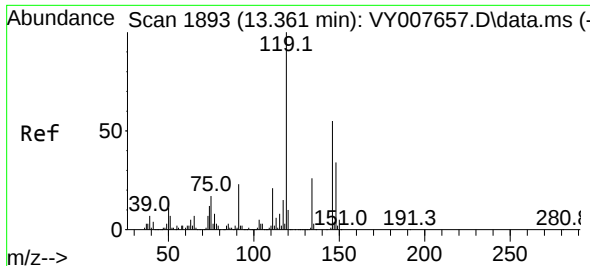
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#86
 p-Isopropyltoluene
 Concen: 58.866 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007690.D
 Acq: 02 Mar 2022 16:03

Tgt Ion:119 Resp: 1012131
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 21.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 57.657 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY007690.D

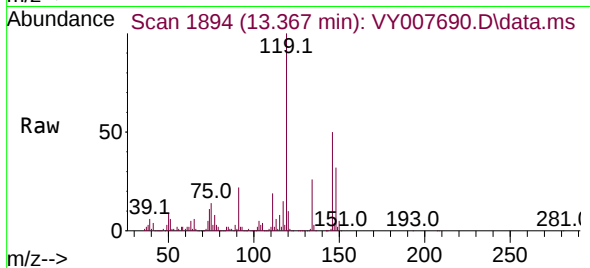
Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 50564

Ion Ratio Lower Upper

146 100

111 38.0 19.5 58.5

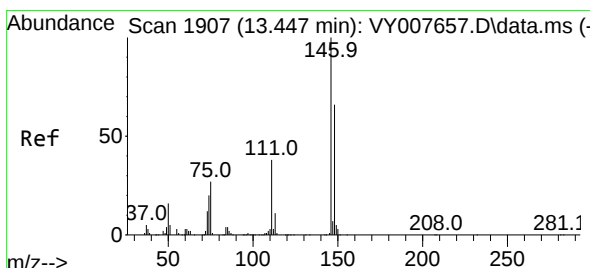
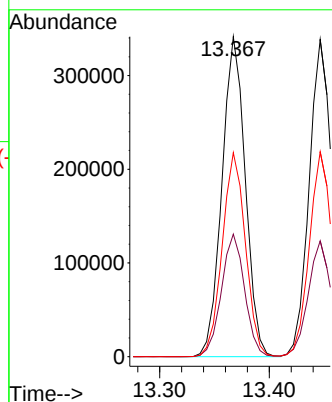
148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#88

1,4-Dichlorobenzene

Concen: 57.218 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

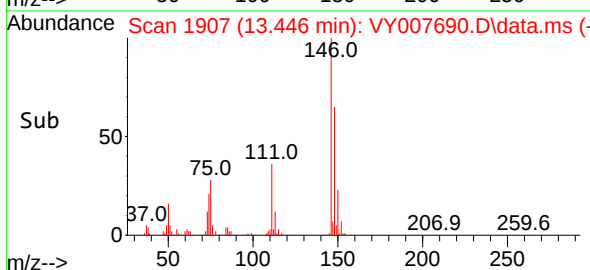
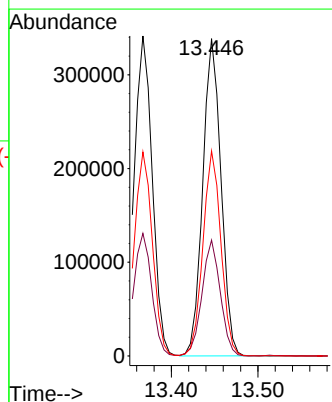
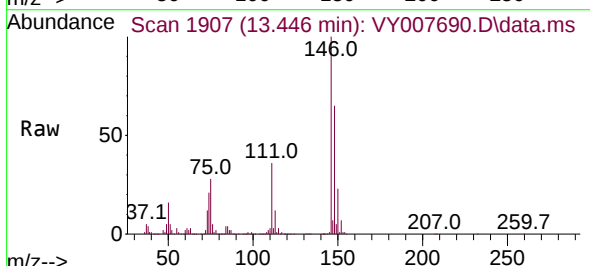
Tgt Ion:146 Resp: 495251

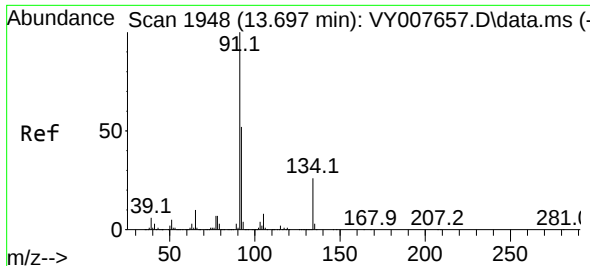
Ion Ratio Lower Upper

146 100

111 36.7 19.3 57.8

148 63.9 32.6 97.8





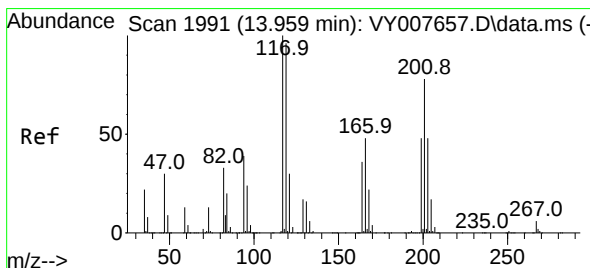
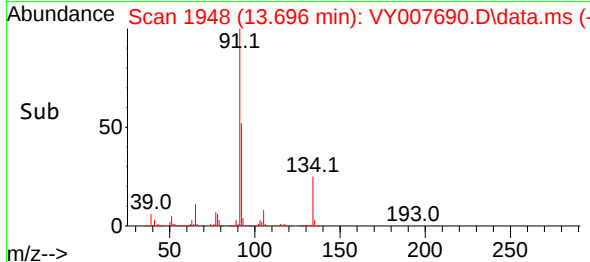
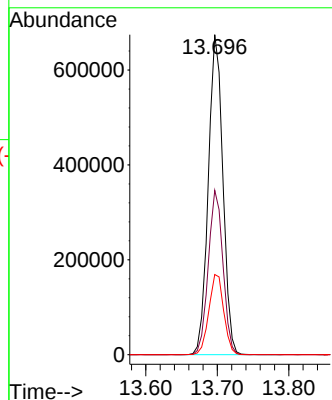
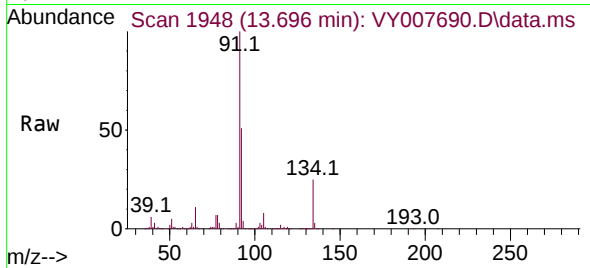
#89
n-Butylbenzene
Concen: 58.797 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 95545
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 25.7 13.0 38.9

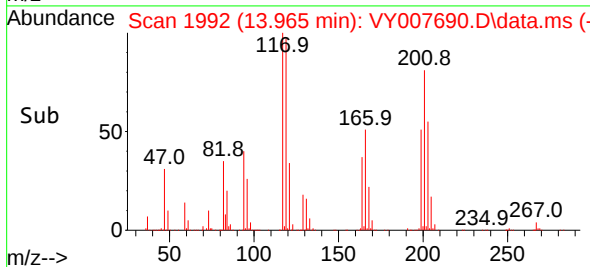
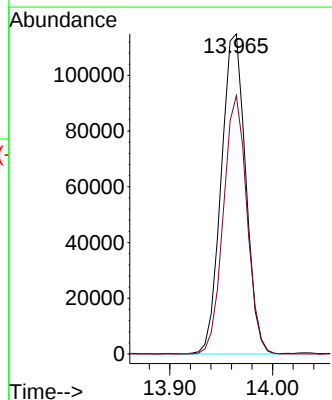
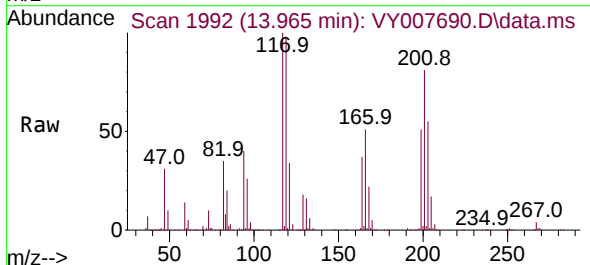
Manual Integrations
APPROVED

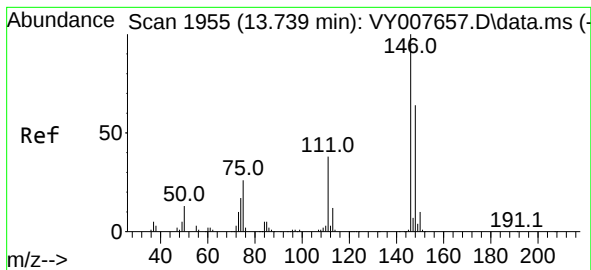
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#90
Hexachloroethane
Concen: 58.216 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion:117 Resp: 189733
Ion Ratio Lower Upper
117 100
201 77.7 43.0 128.8





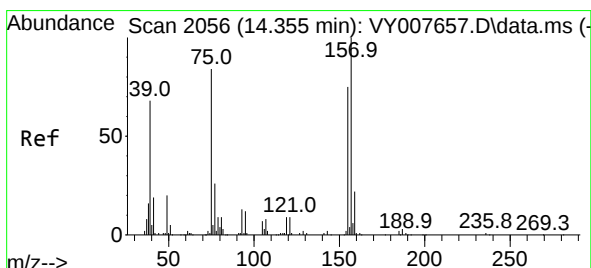
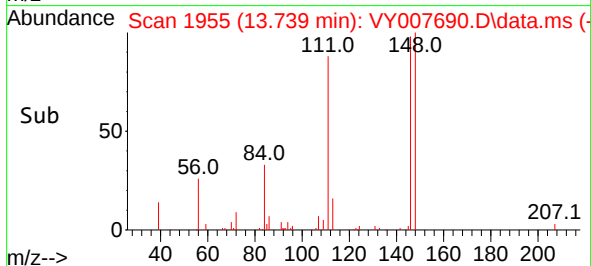
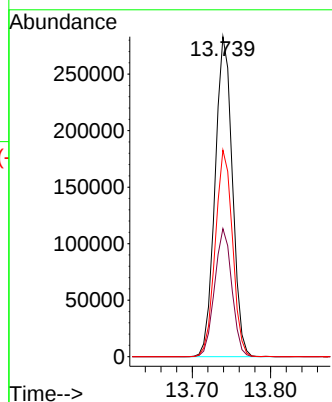
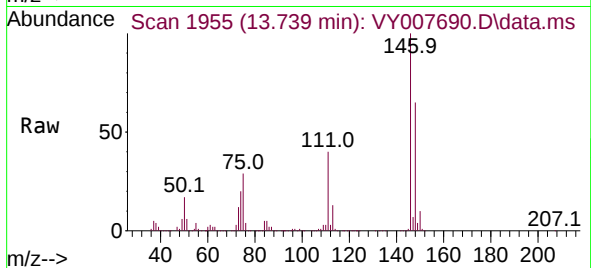
#91
1,2-Dichlorobenzene
Concen: 55.835 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 434800
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 64.2 32.3 96.9

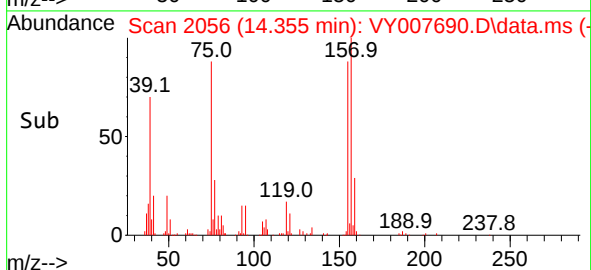
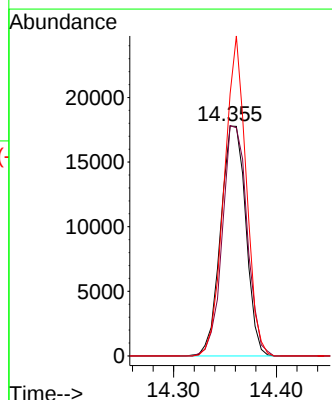
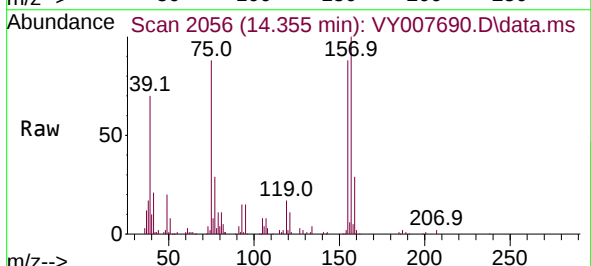
Manual Integrations
APPROVED

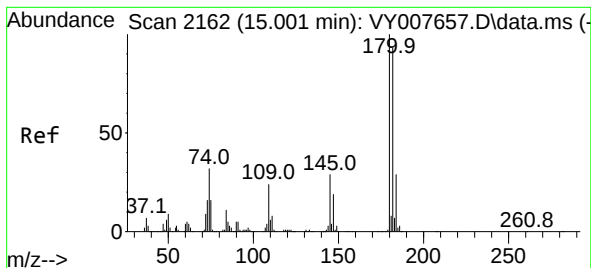
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.629 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007690.D
Acq: 02 Mar 2022 16:03

Tgt Ion: 75 Resp: 30161
Ion Ratio Lower Upper
75 100
155 98.8 38.0 113.9
157 121.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 57.195 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 28197

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

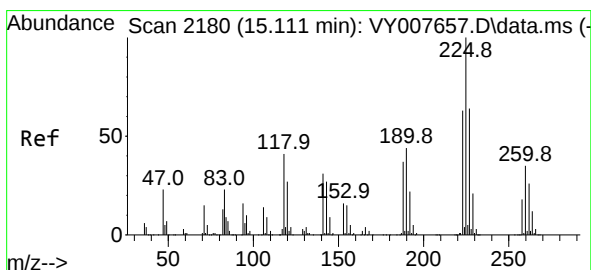
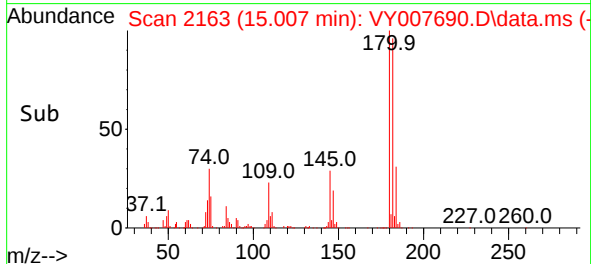
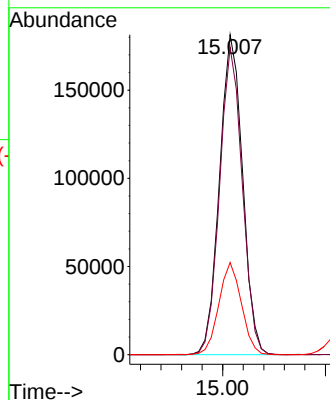
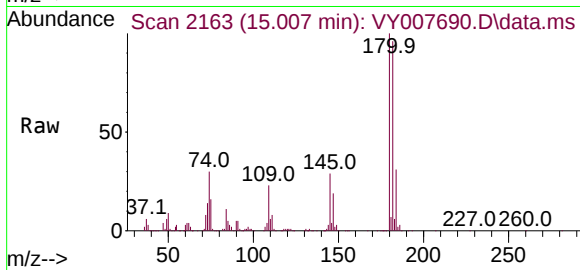
145 28.3 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#94

Hexachlorobutadiene

Concen: 58.231 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

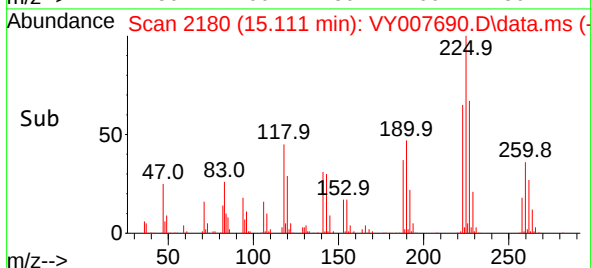
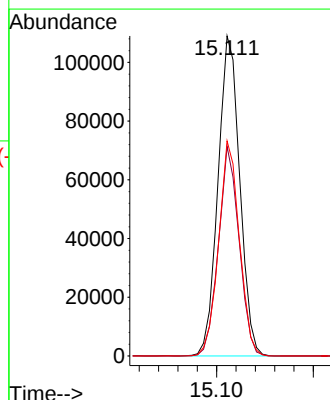
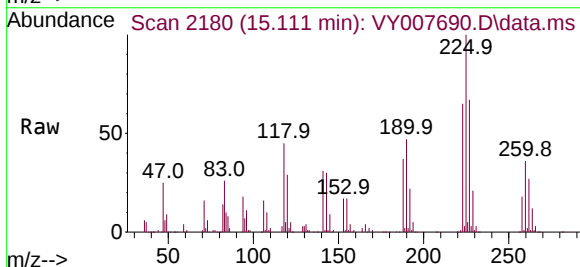
Tgt Ion:225 Resp: 169732

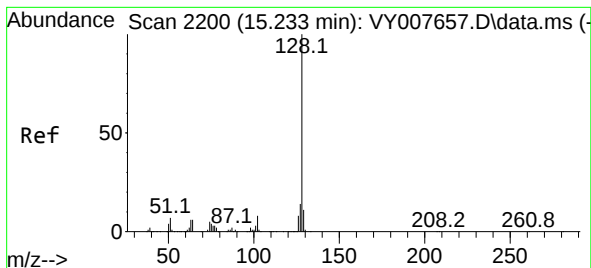
Ion Ratio Lower Upper

225 100

223 62.0 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 54.286 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

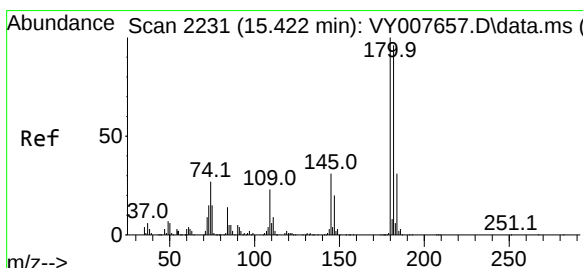
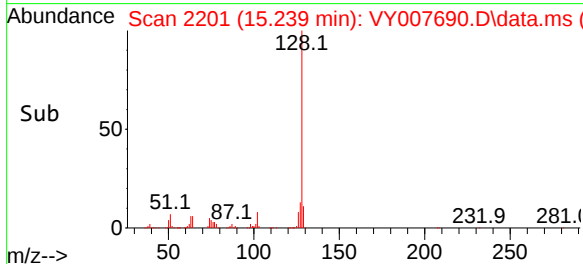
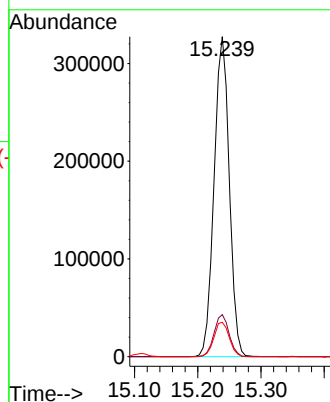
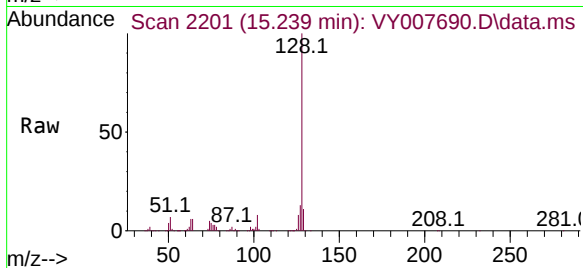
Tgt Ion:128 Resp: 544452
 Ion Ratio Lower Upper
 128 100
 127 13.1 11.0 16.4
 129 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#96

1,2,3-Trichlorobenzene

Concen: 55.547 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007690.D

Acq: 02 Mar 2022 16:03

Tgt Ion:180 Resp: 244063
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 30.2 15.3 45.9

