

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007569.D
 Acq On : 21 Feb 2022 16:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022122

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 22 13:34:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46156	41.882	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.760%		
35) Dibromofluoromethane	7.722	113	44096	42.355	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.720%		
50) Toluene-d8	10.179	98	144649	40.071	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.140%		
62) 4-Bromofluorobenzene	12.483	95	51160	39.142	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61241	46.418	ug/l	96
3) Chloromethane	2.113	50	46013	41.997	ug/l	93
4) Vinyl Chloride	2.253	62	48031	41.867	ug/l	98
5) Bromomethane	2.656	94	37457	44.203	ug/l	96
6) Chloroethane	2.796	64	30215	42.419	ug/l	93
7) Trichlorofluoromethane	3.131	101	123139	49.072	ug/l	93
8) Diethyl Ether	3.534	74	27057	42.373	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.899	101	58175	47.176	ug/l	97
10) Methyl Iodide	4.095	142	68983	46.856	ug/l	99
11) Tert butyl alcohol	4.948	59	20447	210.475	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	50882	46.003	ug/l	81
13) Acrolein	3.735	56	10679	149.057	ug/l	99
14) Allyl chloride	4.479	41	49287	41.352	ug/l #	67
15) Acrylonitrile	5.167	53	49495	202.363	ug/l	97
16) Acetone	3.948	43	59662	229.468	ug/l	94
17) Carbon Disulfide	4.198	76	125303	43.097	ug/l	99
18) Methyl Acetate	4.485	43	20445	40.291	ug/l #	72
19) Methyl tert-butyl Ether	5.228	73	130643	42.244	ug/l #	89
20) Methylene Chloride	4.716	84	50856	45.994	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	50476	43.905	ug/l #	81
22) Diisopropyl ether	6.119	45	92706	43.253	ug/l #	85
23) Vinyl Acetate	6.058	43	337441	206.966	ug/l #	84
24) 1,1-Dichloroethane	6.021	63	80162	44.519	ug/l	97
25) 2-Butanone	6.984	43	60946	205.897	ug/l #	71
26) 2,2-Dichloropropane	6.984	77	91262	45.865	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	56267	43.111	ug/l	82
28) Bromochloromethane	7.338	49	24465	40.192	ug/l #	47
29) Tetrahydrofuran	7.350	42	33318	195.395	ug/l #	63
30) Chloroform	7.509	83	99447	44.902	ug/l	98
31) Cyclohexane	7.783	56	62592	46.534	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	102806	47.039	ug/l	93
36) 1,1-Dichloropropene	7.917	75	67905	44.634	ug/l	96
37) Ethyl Acetate	7.076	43	25734	41.456	ug/l #	91
38) Carbon Tetrachloride	7.905	117	96912	47.301	ug/l	99
39) Methylcyclohexane	9.185	83	86483	45.014	ug/l #	81
40) Benzene	8.161	78	180143	44.198	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	14966m	44.998	ug/l	
42) 1,2-Dichloroethane	8.240	62	62682	44.036	ug/l	96
43) Isopropyl Acetate	8.277	43	53145	41.232	ug/l #	83
44) Trichloroethene	8.941	130	60824	46.209	ug/l	98
45) 1,2-Dichloropropane	9.216	63	39845	42.557	ug/l	97
46) Dibromomethane	9.307	93	30597	44.018	ug/l	98
47) Bromodichloromethane	9.496	83	77016	46.684	ug/l	97
48) Methyl methacrylate	9.289	41	22745	41.023	ug/l #	64
49) 1,4-Dioxane	9.295	88	6476	824.058	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	133834	210.863	ug/l	88
52) Toluene	10.246	92	121221	43.396	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	73084	43.456	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	77912	43.146	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	38876	42.254	ug/l	95
56) Ethyl methacrylate	10.508	69	47421	41.921	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	63693	42.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	118687	214.550	ug/l #	81
59) 2-Hexanone	10.831	43	94886	207.409	ug/l	86
60) Dibromochloromethane	10.984	129	57007	45.215	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40987	44.315	ug/l	99
64) Tetrachloroethene	10.721	164	53796	46.731	ug/l	91
65) Chlorobenzene	11.514	112	138503	46.410	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	56273	46.700	ug/l	99
67) Ethyl Benzene	11.593	91	253619	47.698	ug/l	100
68) m/p-Xylenes	11.703	106	191291	94.489	ug/l	100
69) o-Xylene	12.026	106	91306	47.294	ug/l	100
70) Styrene	12.044	104	151968	47.261	ug/l	99
71) Bromoform	12.209	173	34615	46.474	ug/l #	99
73) Isopropylbenzene	12.331	105	257604	47.543	ug/l	99
74) N-amyl acetate	12.142	43	46468	44.218	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	40989	43.711	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31995m	39.931	ug/l	
77) Bromobenzene	12.611	156	57656	45.332	ug/l	86
78) n-propylbenzene	12.672	91	299973	47.494	ug/l	98
79) 2-Chlorotoluene	12.758	91	162264	45.888	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	219148	48.247	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13962	42.704	ug/l	91
82) 4-Chlorotoluene	12.855	91	169251	46.452	ug/l	97
83) tert-Butylbenzene	13.075	119	195553	48.353	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	212345	47.566	ug/l	100
85) sec-Butylbenzene	13.251	105	281776	48.252	ug/l	99
86) p-Isopropyltoluene	13.367	119	240447	48.893	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	114629	47.502	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	114183	47.499	ug/l	99
89) n-Butylbenzene	13.696	91	219827	48.942	ug/l	99
90) Hexachloroethane	13.959	117	48229	49.526	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	100995	46.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8104	46.375	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	69355	48.881	ug/l	98
94) Hexachlorobutadiene	15.111	225	44924	52.511	ug/l	99
95) Naphthalene	15.233	128	137454	46.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61294	48.736	ug/l	97

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APPROVED

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Supervised By :Mahesh Dadoda 02/22/2022

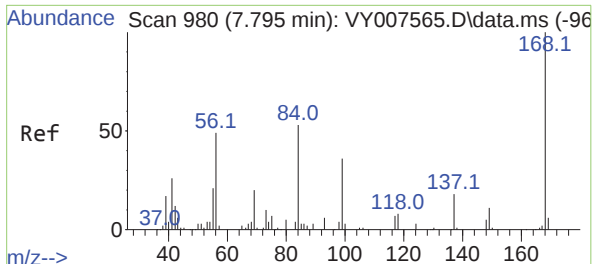
Quant Time: Feb 22 13:34:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

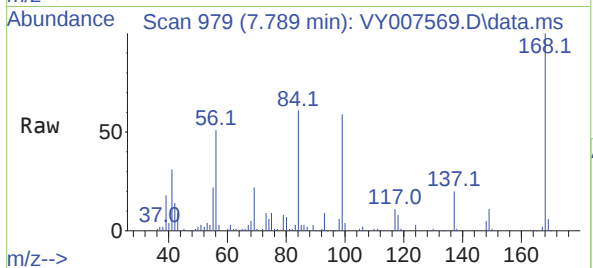
Reviewed By :John Carlone 02/22/2022
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

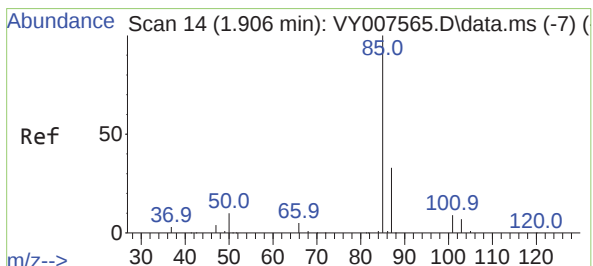
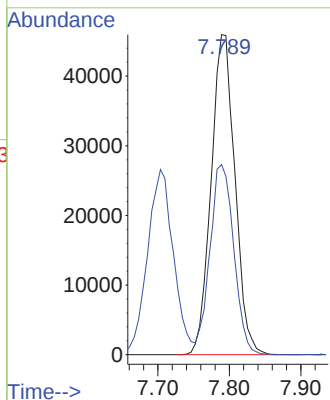
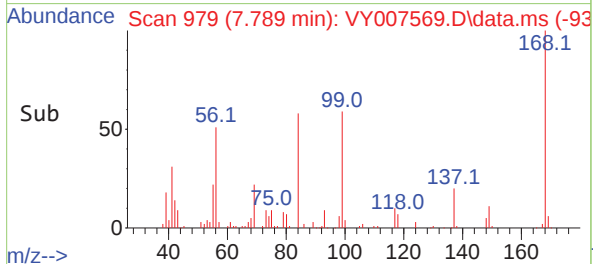
Instrument :
MSVOA_Y
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ICVY022122



Tgt Ion:168 Resp: 10640
Ion Ratio Lower Upper
168 100
99 59.4 46.9 70.3

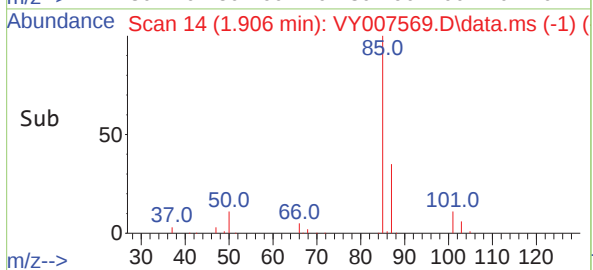
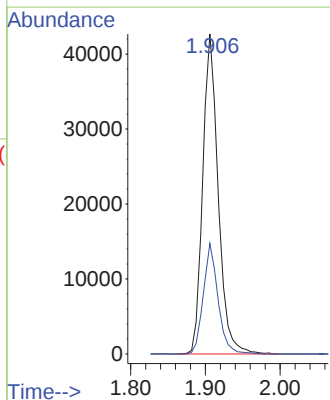
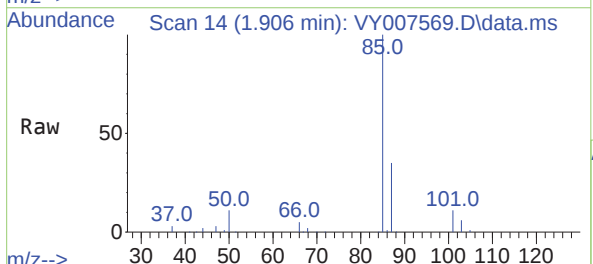
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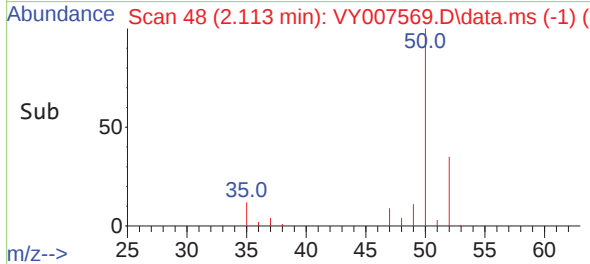
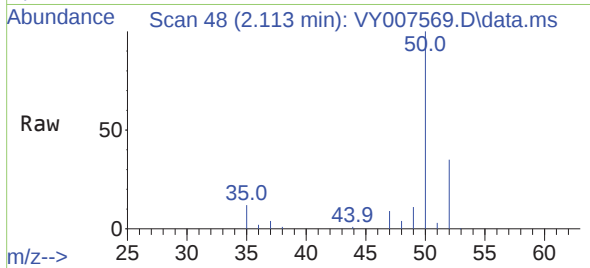
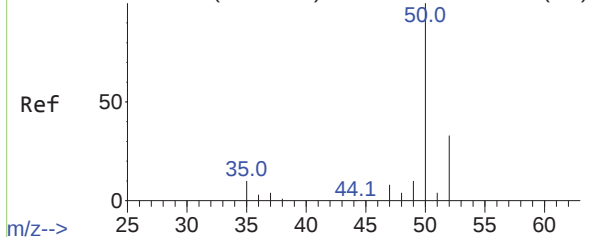


#2
Dichlorodifluoromethane
Concen: 46.418 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 85 Resp: 61241
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2



Abundance Scan 48 (2.113 min): VY007565.D\data.ms (-42)



#3

Chloromethane

Concen: 41.997 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Tgt Ion: 50 Resp: 4601

Ion Ratio Lower Upper

50 100

52 34.7 24.6 37.0

Instrument :

MSVOA_Y

ClientSampleId :

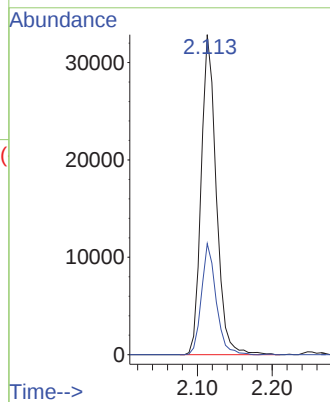
ICVY022122

Manual Integrations

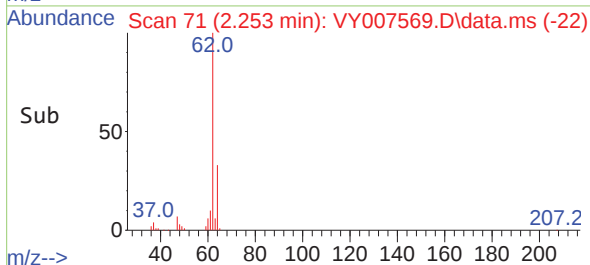
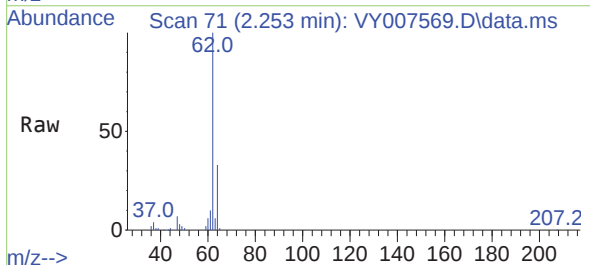
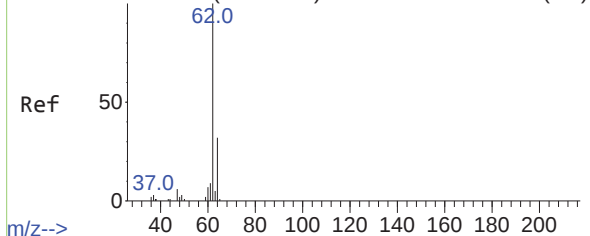
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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



Abundance Scan 71 (2.253 min): VY007565.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 41.867 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007569.D

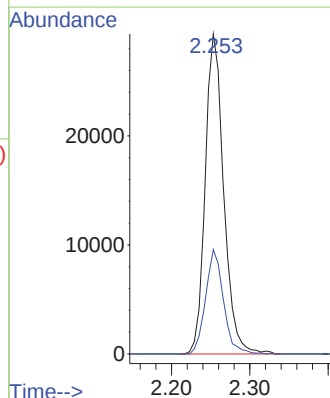
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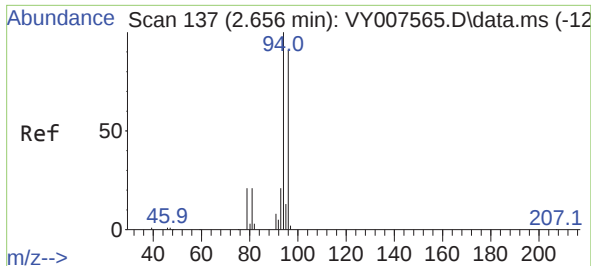
Tgt Ion: 62 Resp: 48031

Ion Ratio Lower Upper

62 100

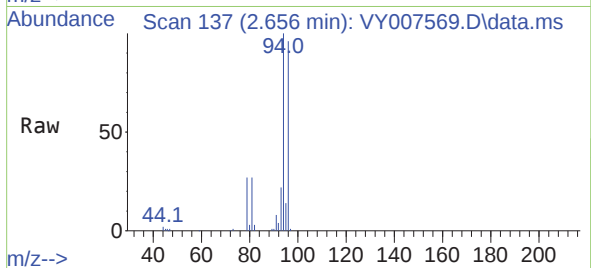
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 44.203 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

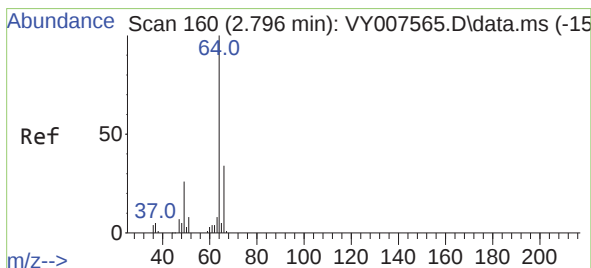
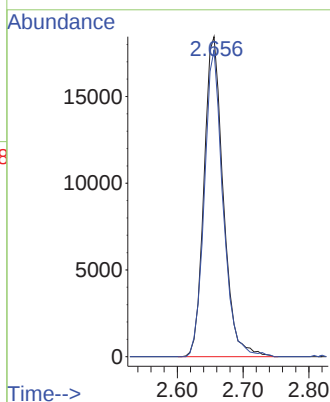
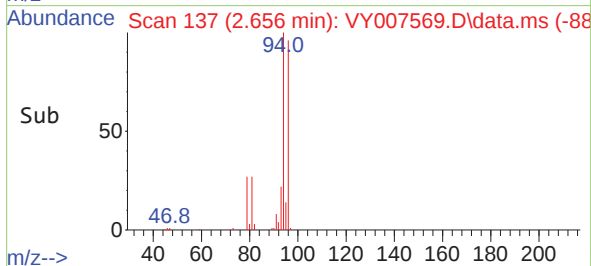
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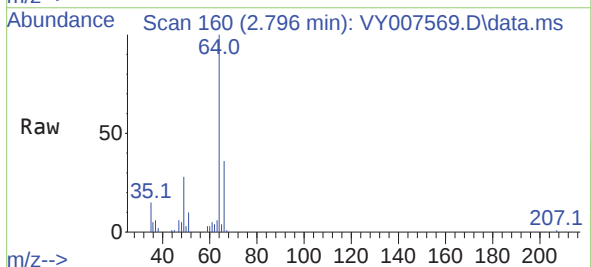
Tgt Ion: 94 Resp: 3745
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3

Manual Integrations
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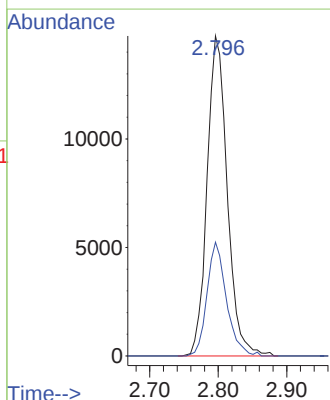
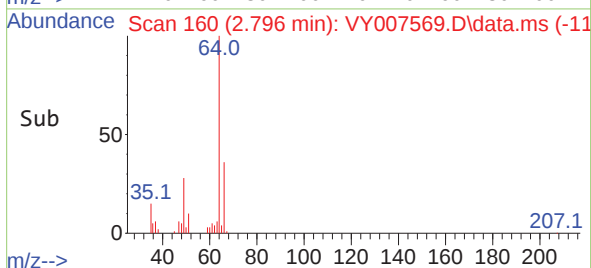
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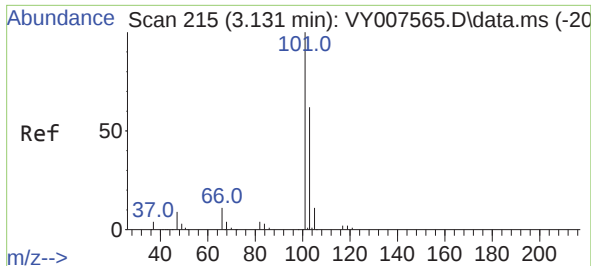


#6
Chloroethane
Concen: 42.419 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007569.D
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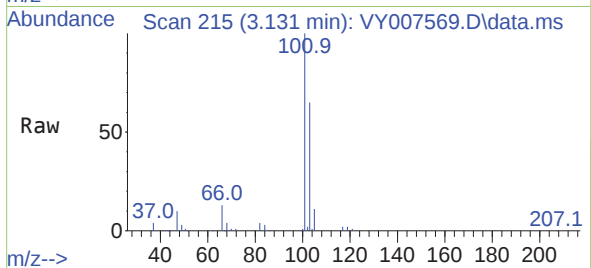
Tgt Ion: 64 Resp: 30215
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 49.072 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

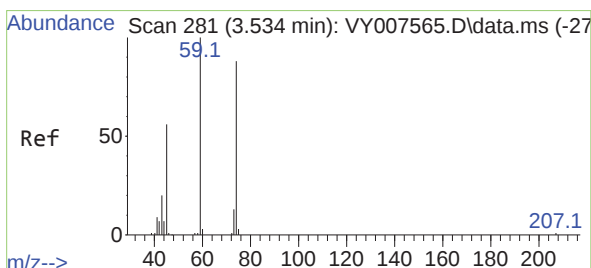
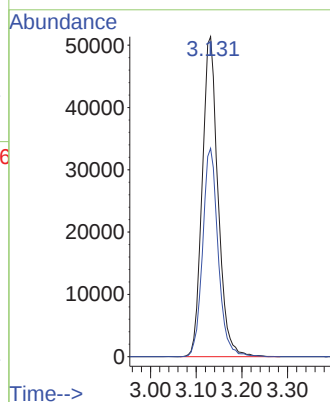
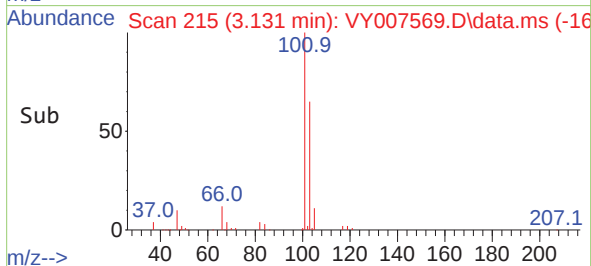
Instrument :
MSVOA_Y
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ICVY022122



Tgt Ion:101 Resp: 123139
Ion Ratio Lower Upper
101 100
103 65.1 48.0 72.0

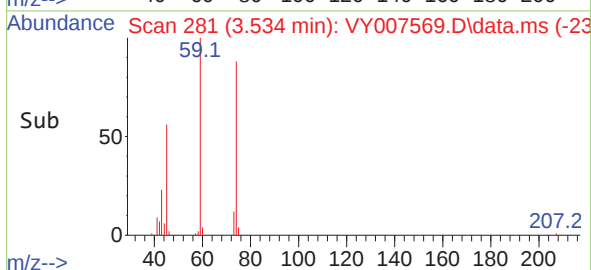
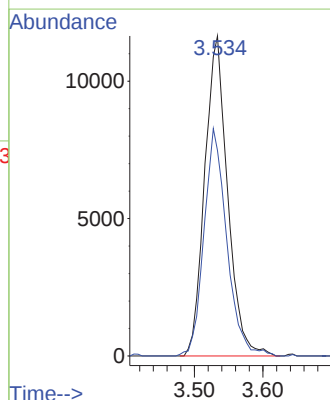
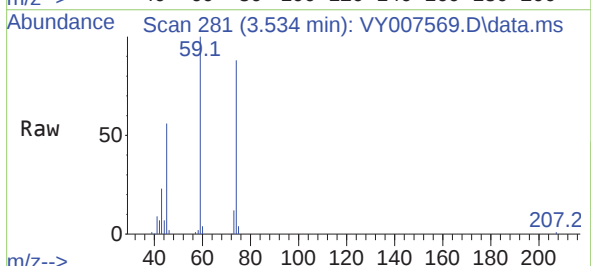
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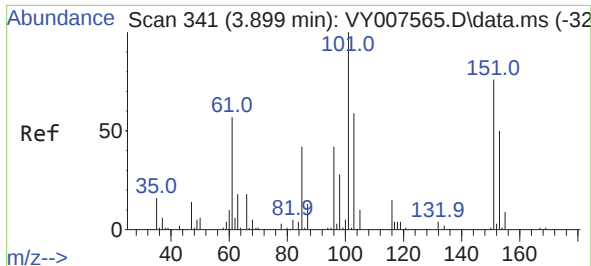
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#8
Diethyl Ether
Concen: 42.373 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 74 Resp: 27057
Ion Ratio Lower Upper
74 100
45 70.8 55.1 165.5





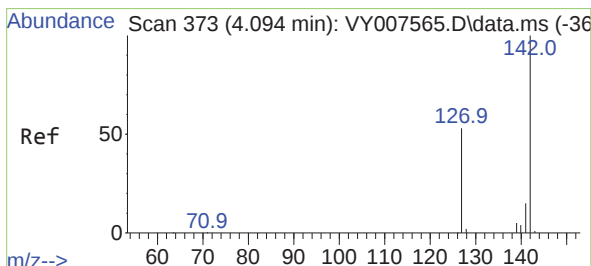
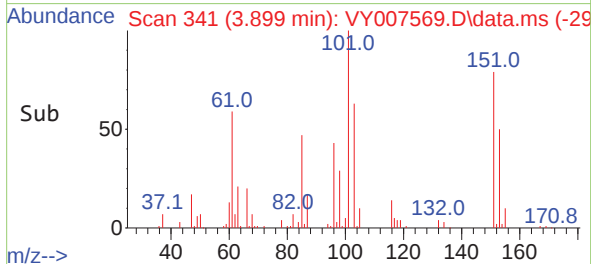
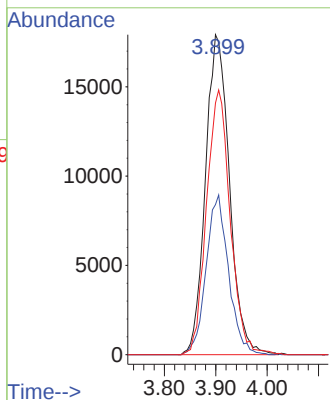
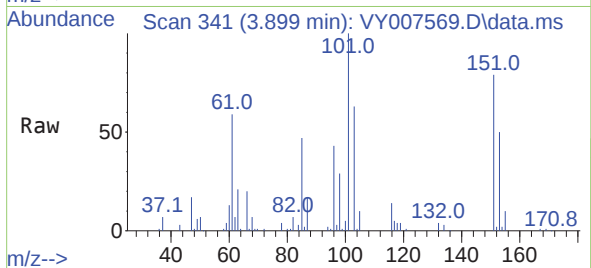
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.176 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122

Tgt Ion:101 Resp: 5817
Ion Ratio Lower Upper
101 100
85 46.8 40.6 60.8
151 81.7 64.9 97.3

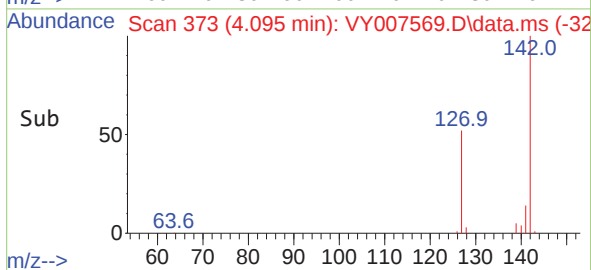
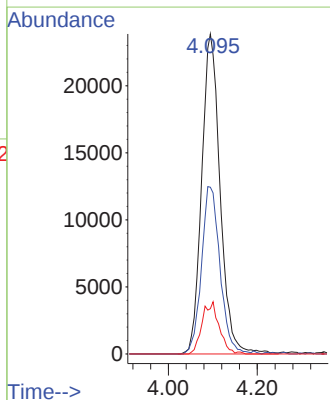
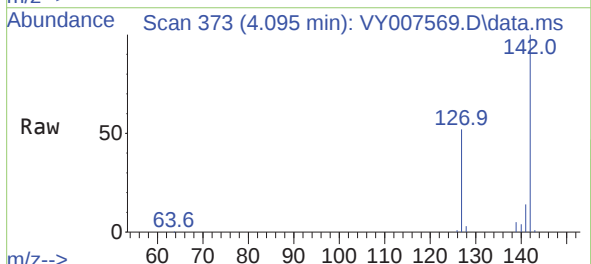
Manual Integrations
APPROVED

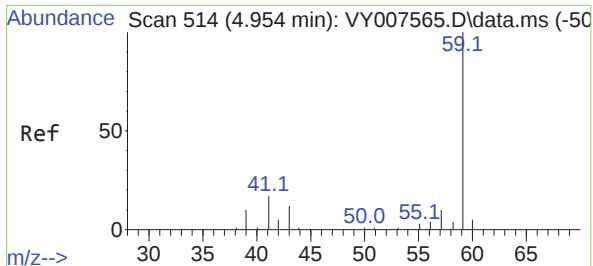
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 46.856 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion:142 Resp: 68983
Ion Ratio Lower Upper
142 100
127 52.5 41.5 62.3
141 15.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 210.475 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

Tgt Ion: 59 Resp: 2044

Ion Ratio Lower Upper

59 100

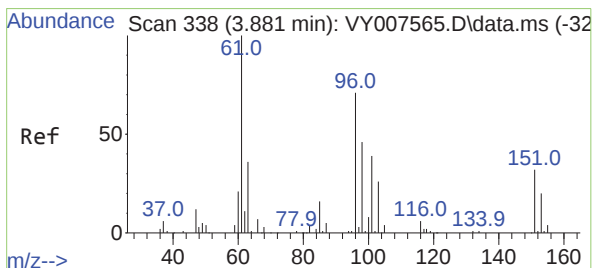
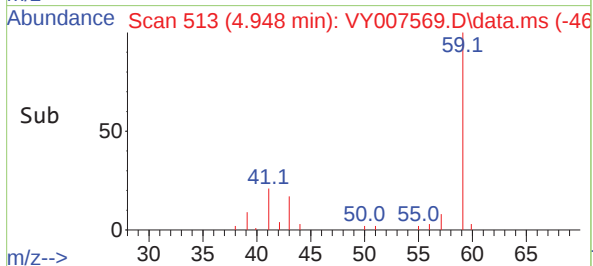
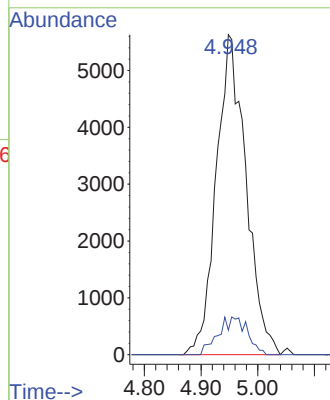
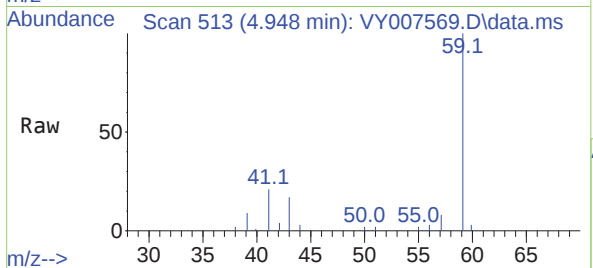
57 11.5 6.4 9.6

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#12

1,1-Dichloroethene

Concen: 46.003 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

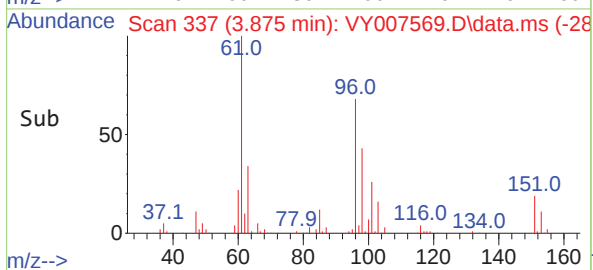
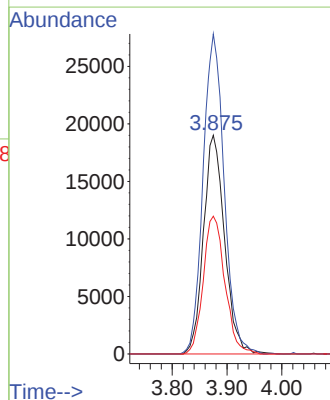
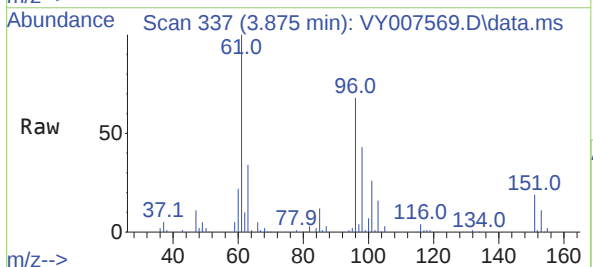
Tgt Ion: 96 Resp: 50882

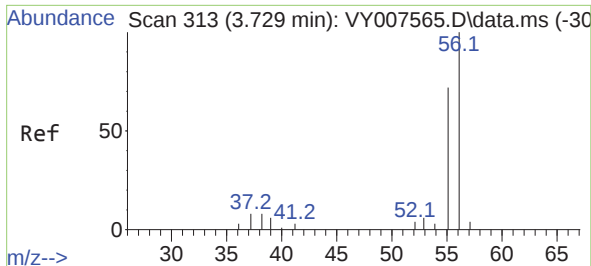
Ion Ratio Lower Upper

96 100

61 146.3 145.8 218.6

98 63.0 52.5 78.7





#13

Acrolein

Concen: 149.057 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

Tgt Ion: 56 Resp: 10679

Ion Ratio Lower Upper

56 100

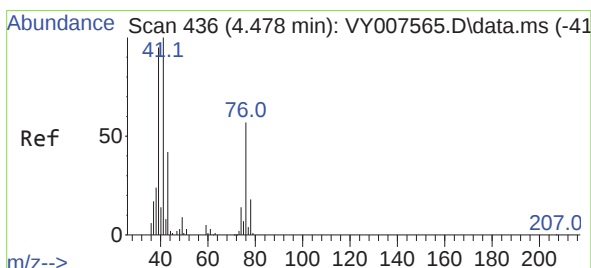
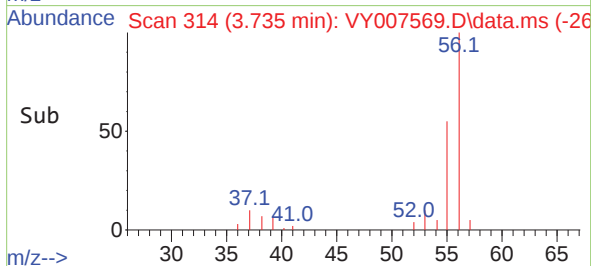
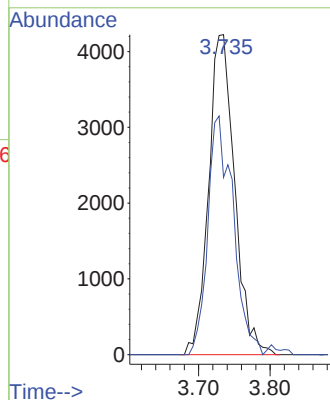
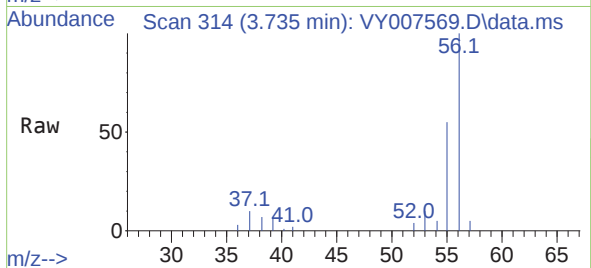
55 72.6 57.6 86.4

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#14

Allyl chloride

Concen: 41.352 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

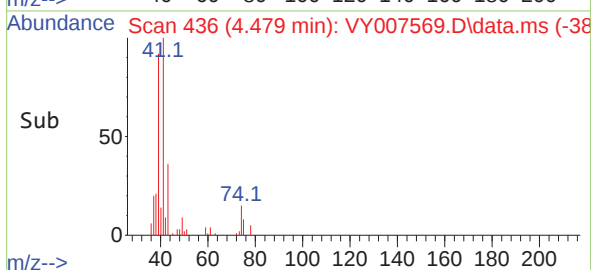
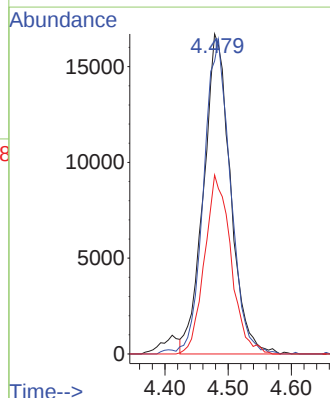
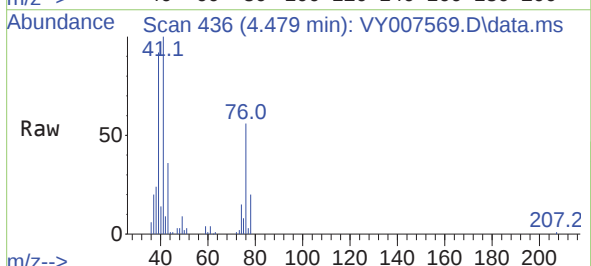
Tgt Ion: 41 Resp: 49287

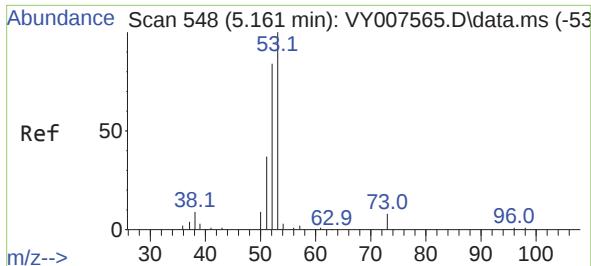
Ion Ratio Lower Upper

41 100

39 98.4 58.8 88.2#

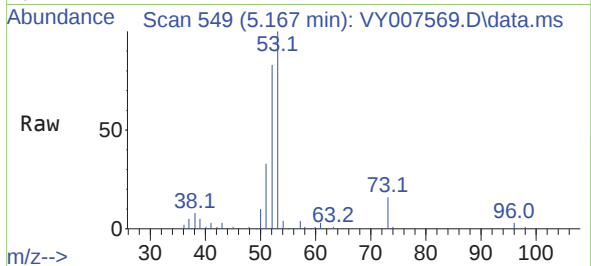
76 55.0 25.1 37.7#





#15
Acrylonitrile
Concen: 202.363 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

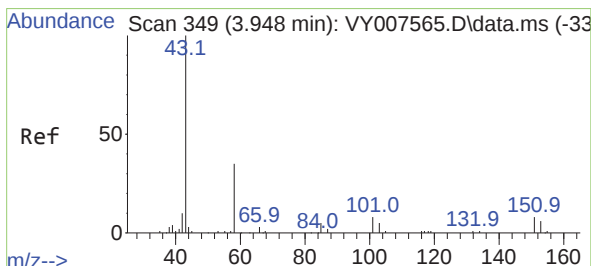
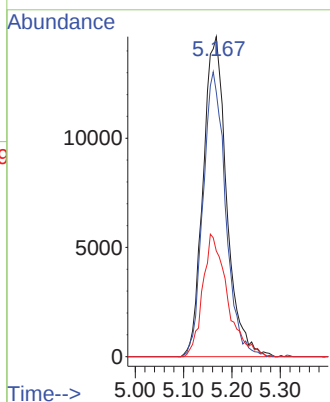
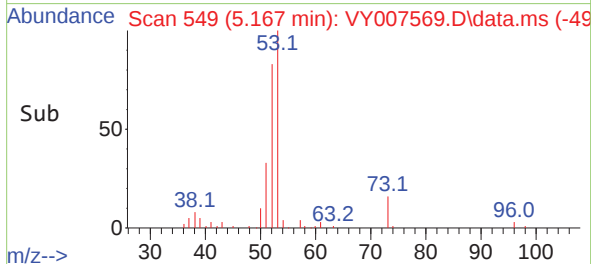
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



Tgt Ion: 53 Resp: 4949
Ion Ratio Lower Upper
53 100
52 85.3 67.0 100.4
51 40.2 29.8 44.6

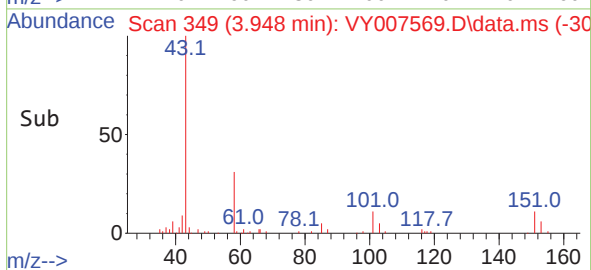
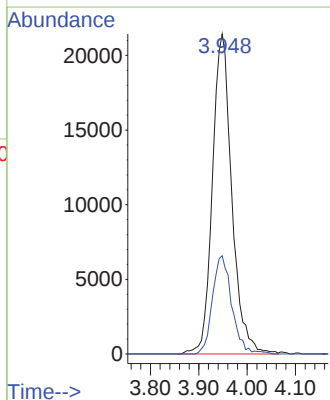
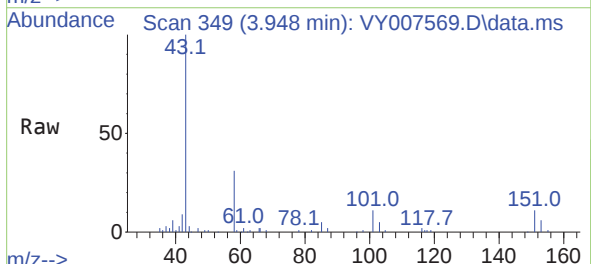
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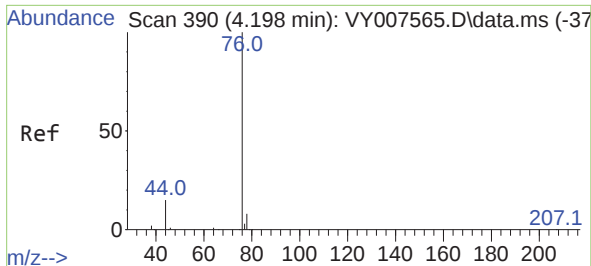
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#16
Acetone
Concen: 229.468 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

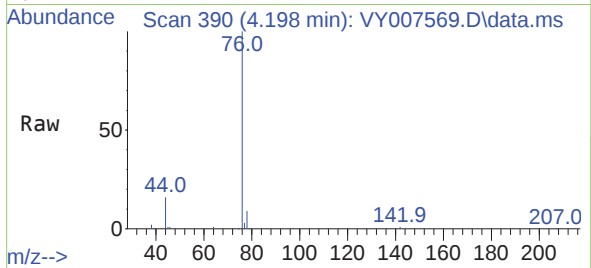
Tgt Ion: 43 Resp: 59662
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#17
Carbon Disulfide
Concen: 43.097 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

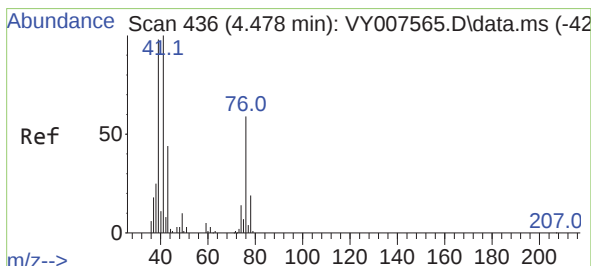
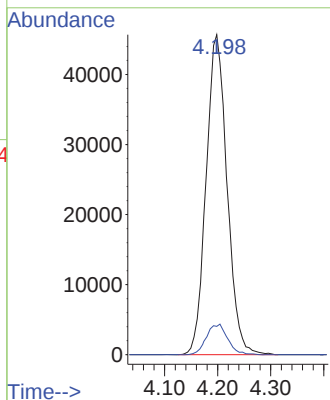
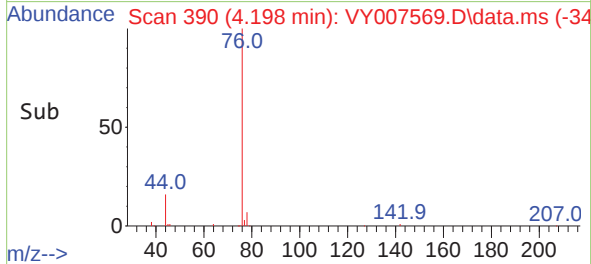
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



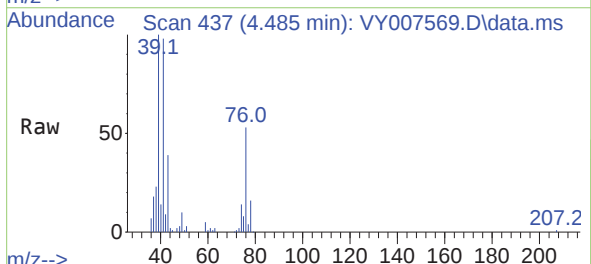
Tgt Ion: 76 Resp: 12530
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

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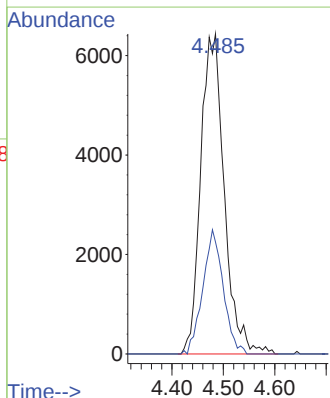
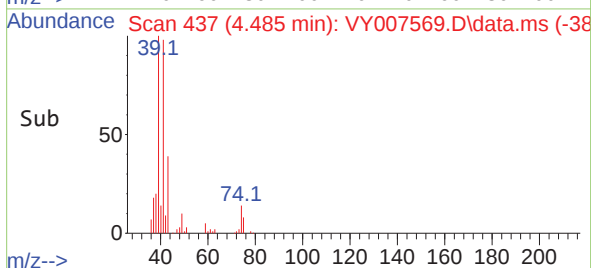
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

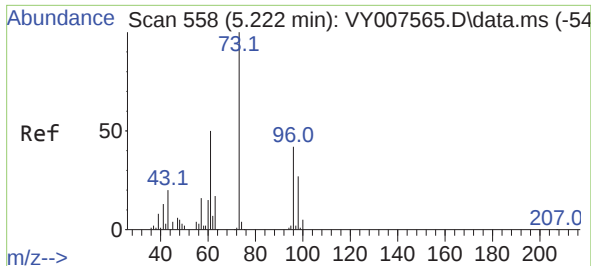


#18
Methyl Acetate
Concen: 40.291 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



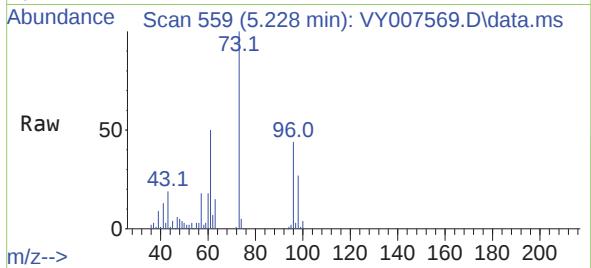
Tgt Ion: 43 Resp: 20445
Ion Ratio Lower Upper
43 100
74 33.7 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 42.244 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

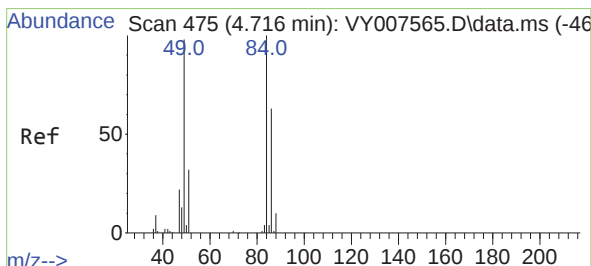
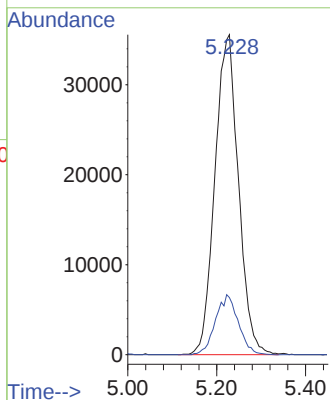
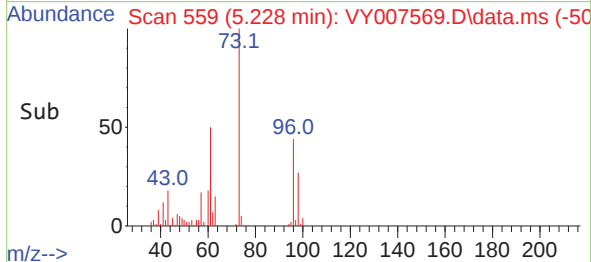
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



Tgt Ion: 73 Resp: 13064
Ion Ratio Lower Upper
73 100
57 17.8 18.6 27.8

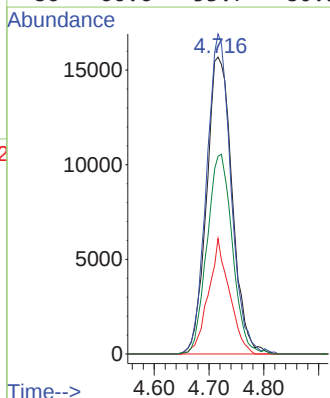
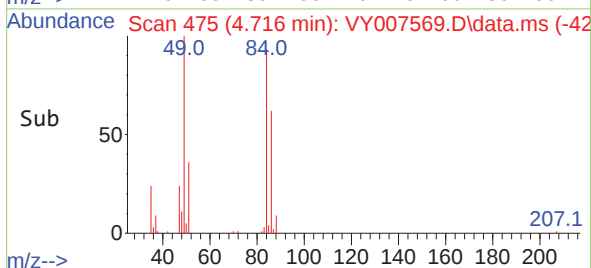
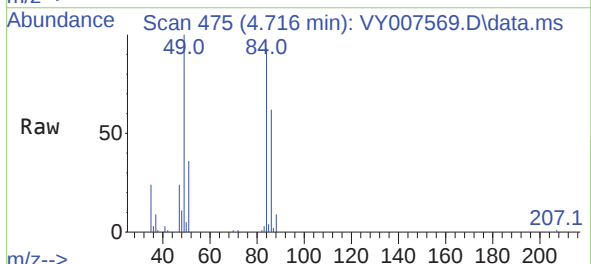
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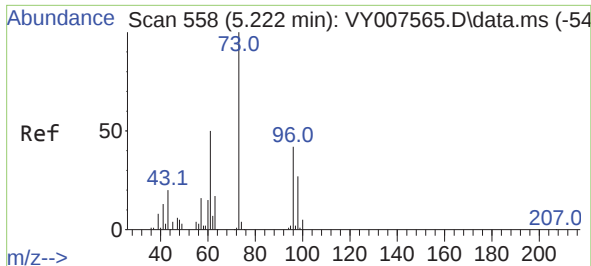
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#20
Methylene Chloride
Concen: 45.994 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

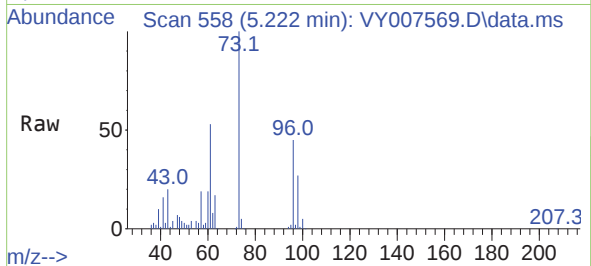
Tgt Ion: 84 Resp: 50856
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 38.9 35.3 52.9
86 66.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 43.905 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

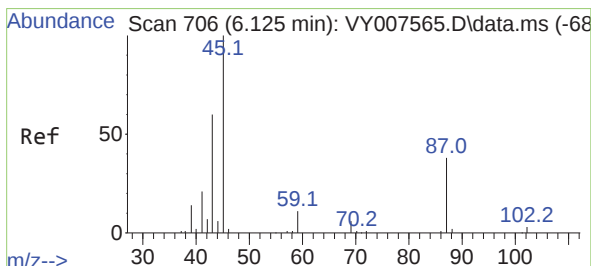
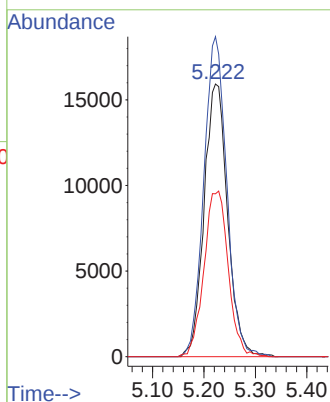
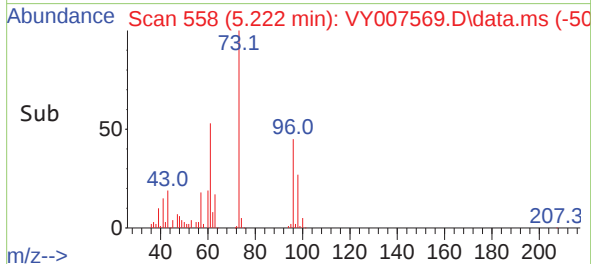
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



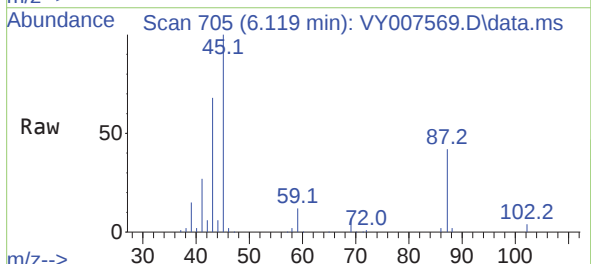
Tgt Ion: 96 Resp: 50476
Ion Ratio Lower Upper
96 100
61 117.3 120.5 180.7
98 59.7 49.8 74.8

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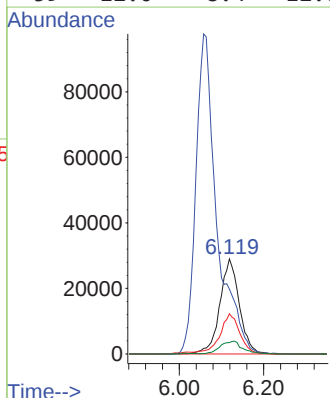
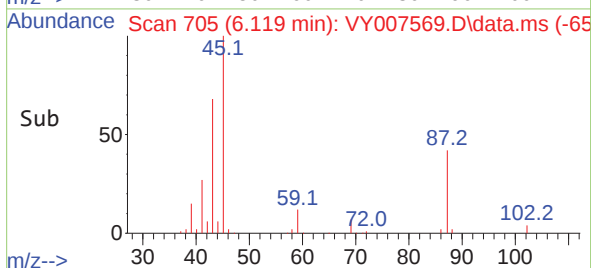
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

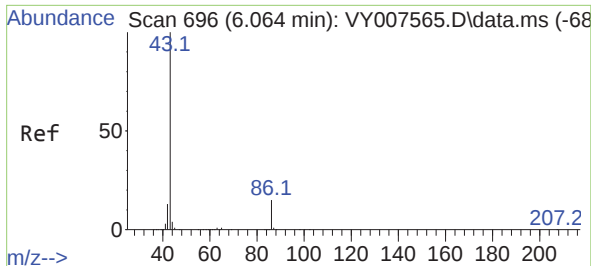


#22
Diisopropyl ether
Concen: 43.253 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



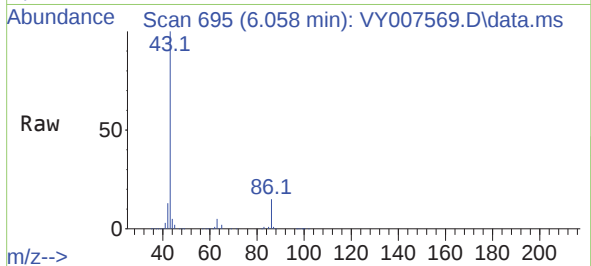
Tgt Ion: 45 Resp: 92706
Ion Ratio Lower Upper
45 100
43 67.7 49.3 73.9
87 42.3 19.2 28.8
59 12.0 8.4 12.6





#23
 Vinyl Acetate
 Concen: 206.966 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19

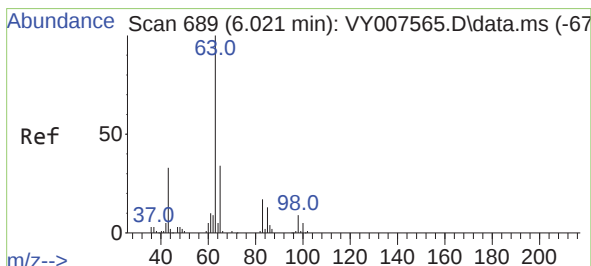
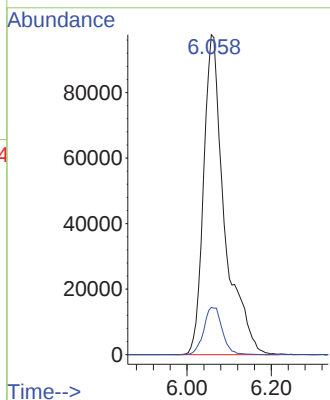
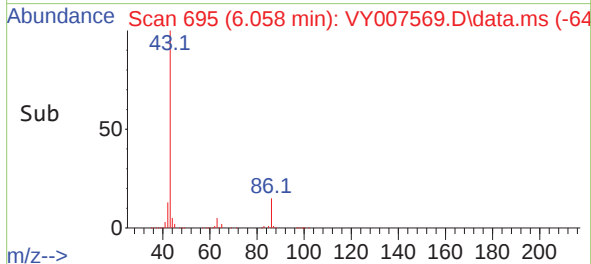
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022122



Tgt Ion: 43 Resp: 33744
 Ion Ratio Lower Upper
 43 100
 86 14.8 7.1 10.7

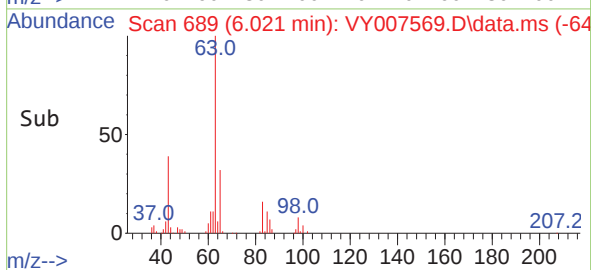
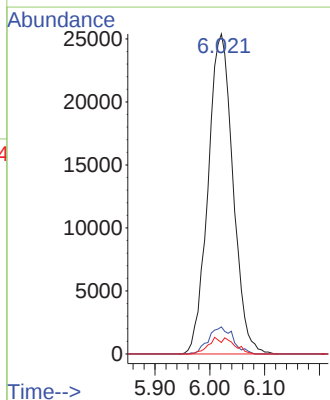
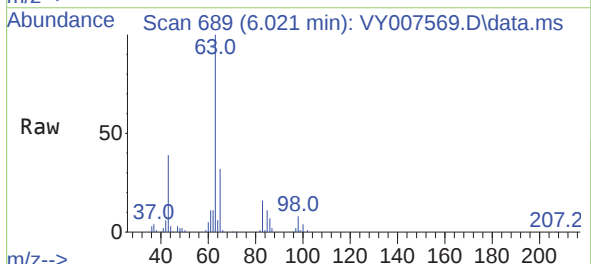
Manual Integrations
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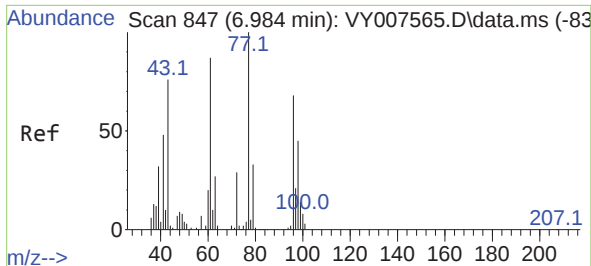
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#24
 1,1-Dichloroethane
 Concen: 44.519 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19

Tgt Ion: 63 Resp: 80162
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 3.6 2.0 5.8





#25

2-Butanone

Concen: 205.897 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

Tgt Ion: 43 Resp: 60940

Ion Ratio Lower Upper

43 100

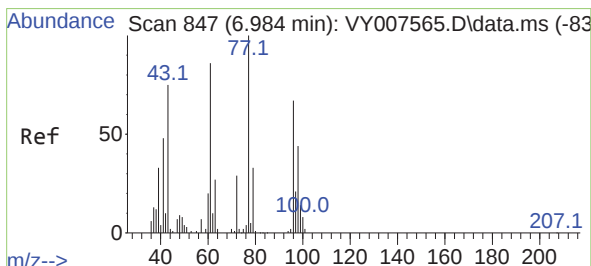
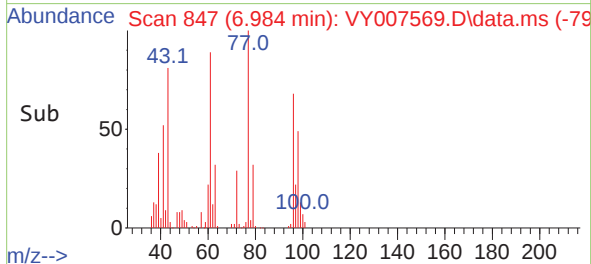
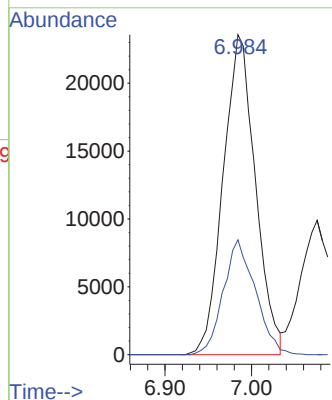
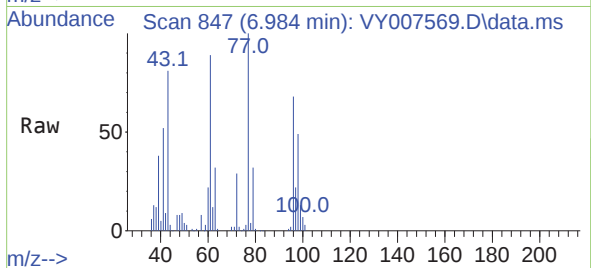
72 35.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#26

2,2-Dichloropropane

Concen: 45.865 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007569.D

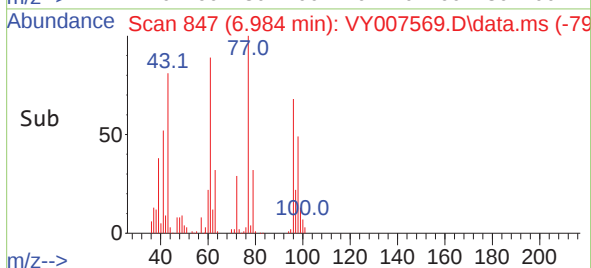
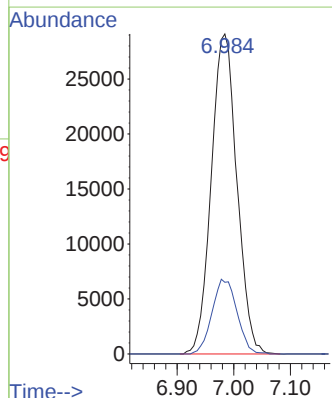
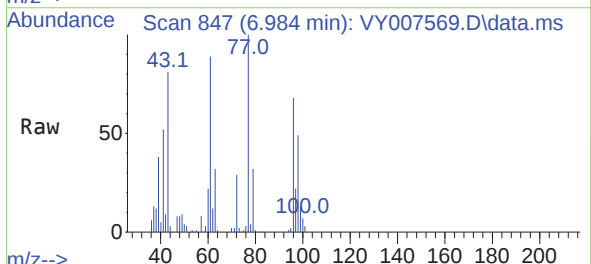
Acq: 21 Feb 2022 16:19

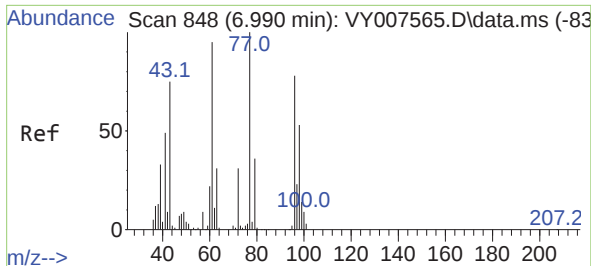
Tgt Ion: 77 Resp: 91262

Ion Ratio Lower Upper

77 100

97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 43.111 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007569.D

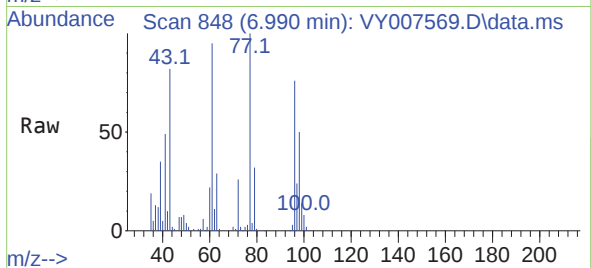
Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122



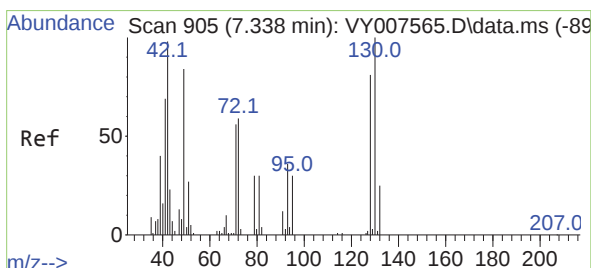
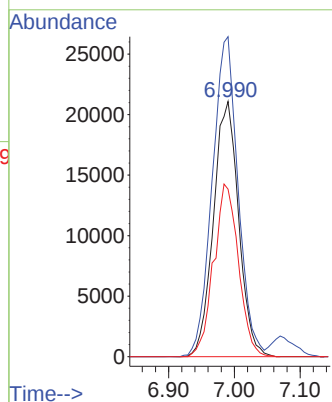
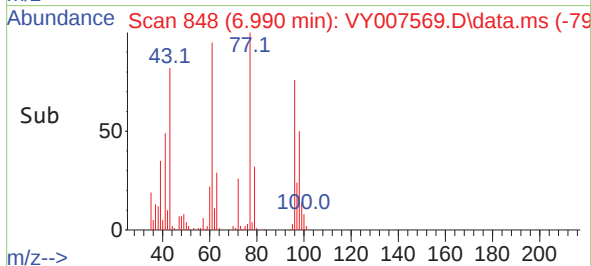
Tgt Ion:	96	Resp:	5626
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	319.8
98	66.4	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

Bromochloromethane

Concen: 40.192 ug/l

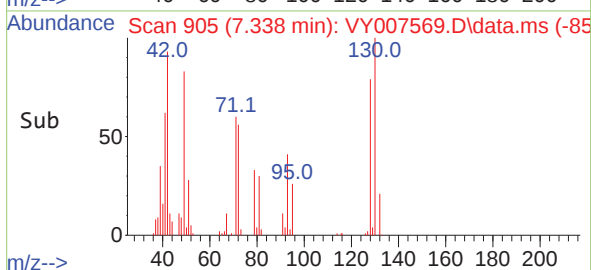
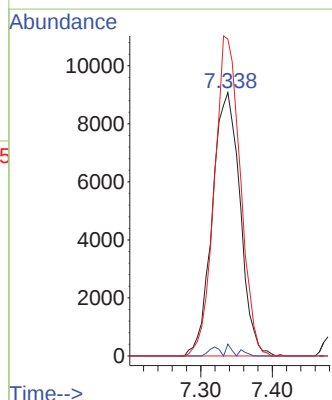
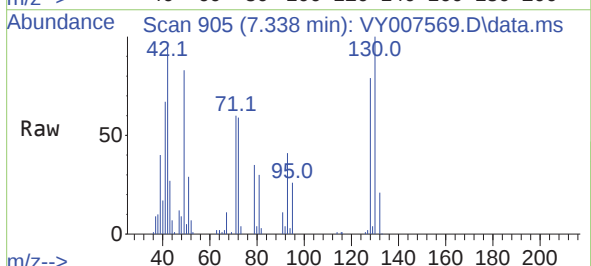
RT: 7.338 min Scan# 905

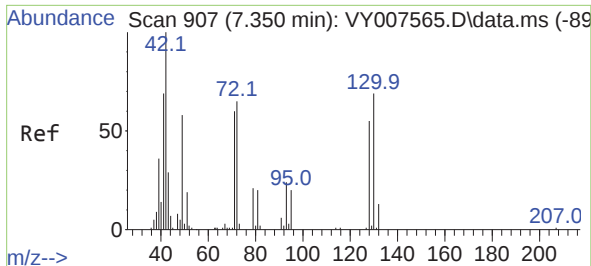
Delta R.T. -0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Tgt Ion:	49	Resp:	24465
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	113.3	55.4	83.0#





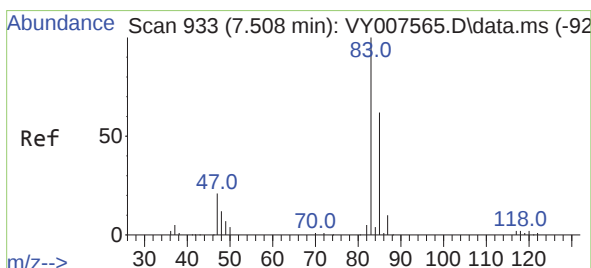
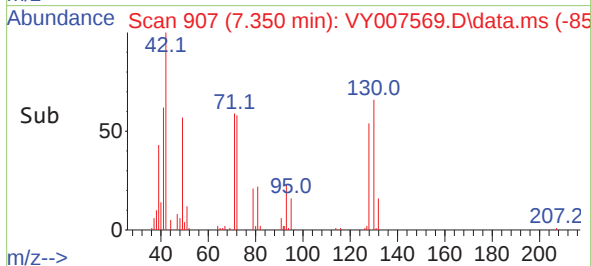
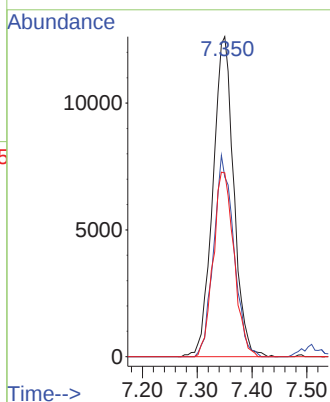
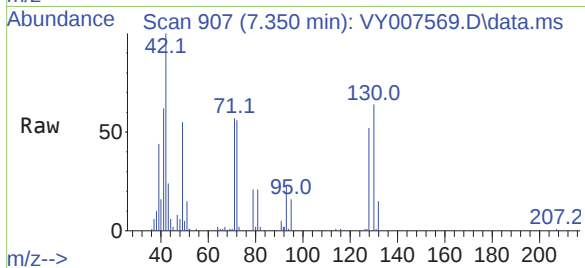
#29
Tetrahydrofuran
Concen: 195.395 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion: 42 Resp: 33318
Ion Ratio Lower Upper
42 100
72 60.9 30.3 45.5
71 57.4 29.0 43.4

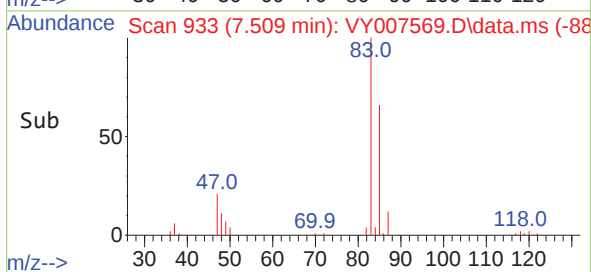
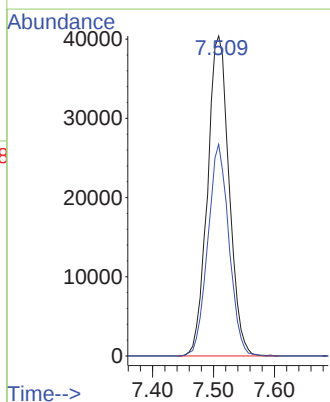
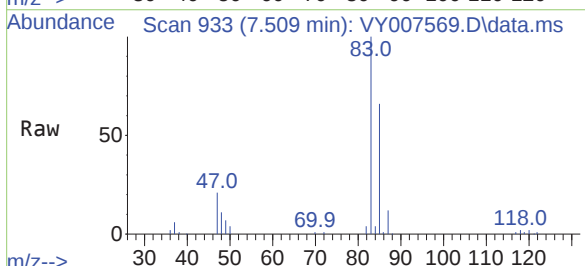
Manual Integrations
APPROVED

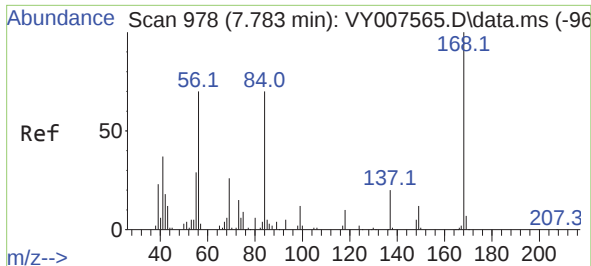
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#30
Chloroform
Concen: 44.902 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

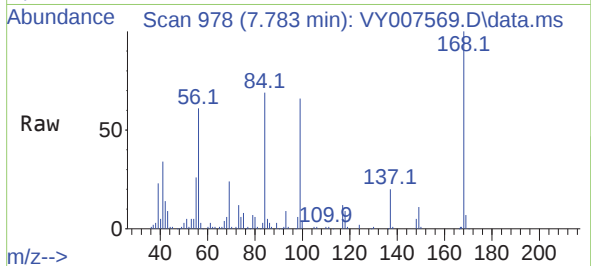
Tgt Ion: 83 Resp: 99447
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.6





#31
Cyclohexane
Concen: 46.534 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

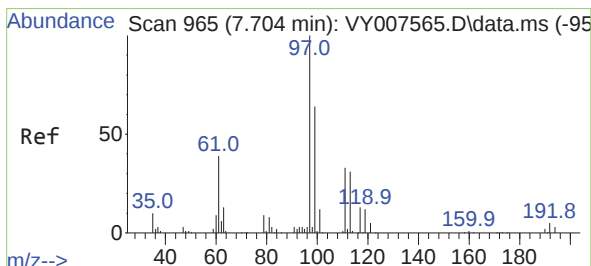
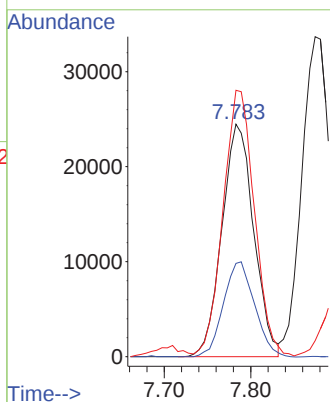
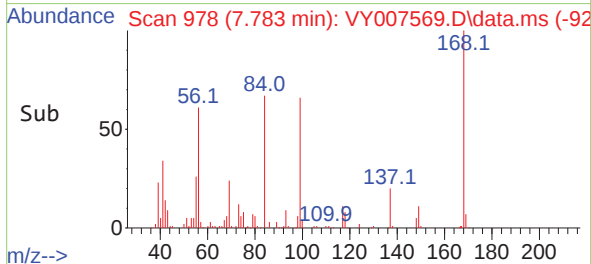
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



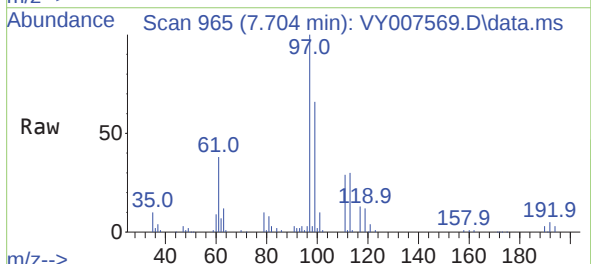
Tgt Ion: 56 Resp: 62592
Ion Ratio Lower Upper
56 100
69 40.1 26.7 40.1
84 112.3 67.2 100.8

Manual Integrations
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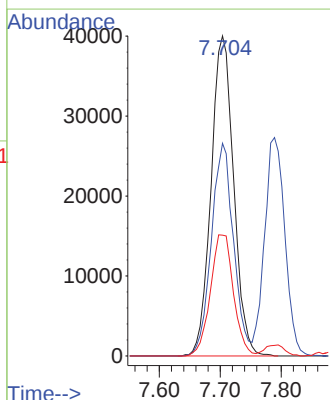
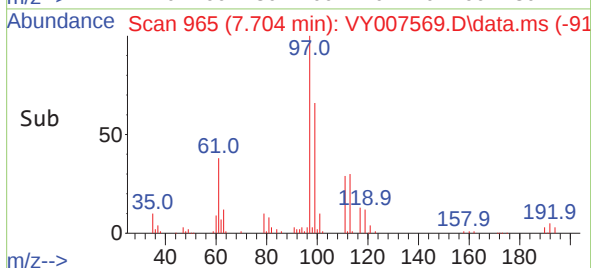
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

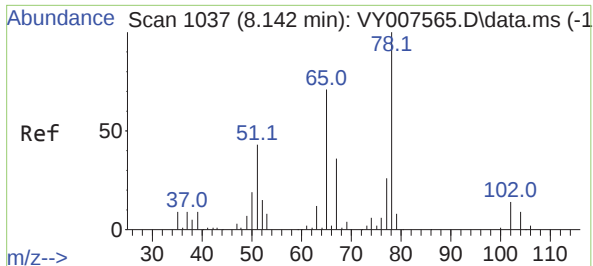


#32
1,1,1-Trichloroethane
Concen: 47.039 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion: 97 Resp: 102806
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 38.8 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 41.882 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

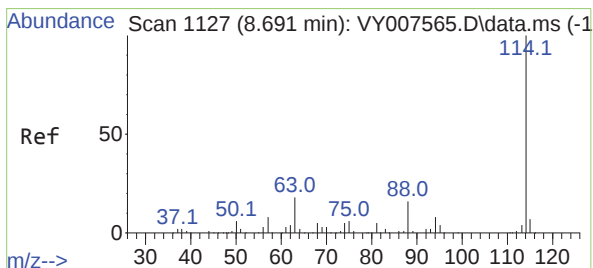
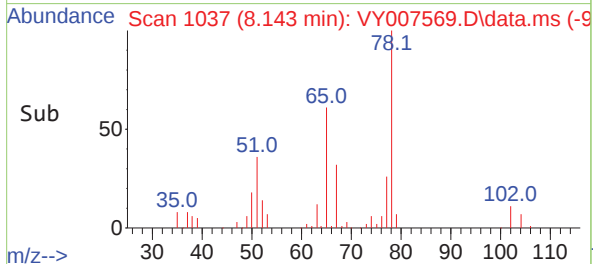
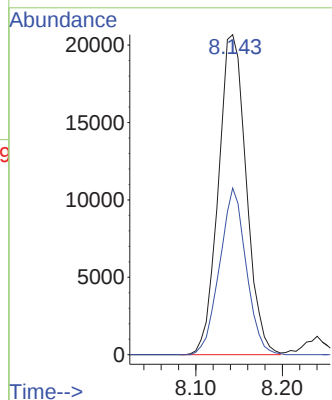
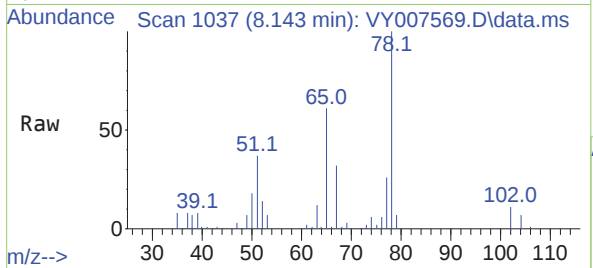
ICVY022122

Tgt Ion: 65 Resp: 46150
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4

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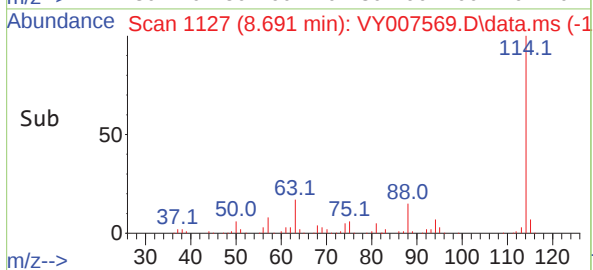
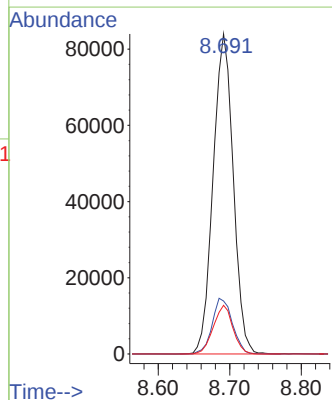
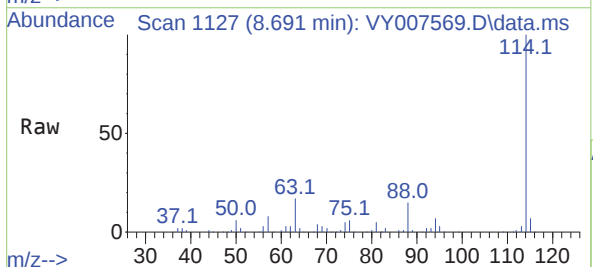
APPROVED

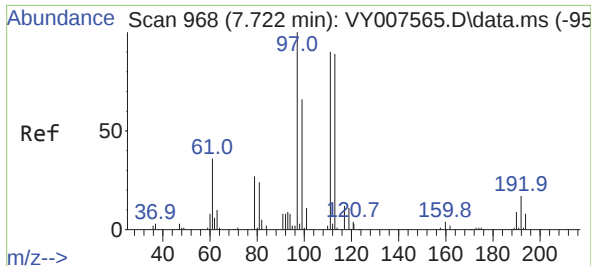
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion:114 Resp: 164190
Ion Ratio Lower Upper
114 100
63 16.5 0.0 43.2
88 15.2 0.0 31.8





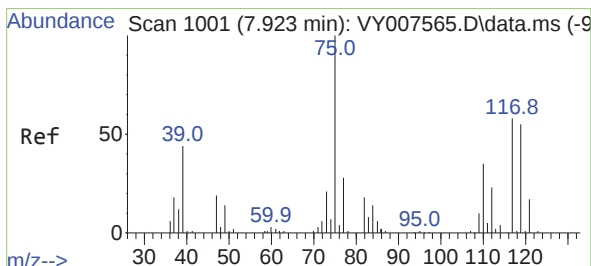
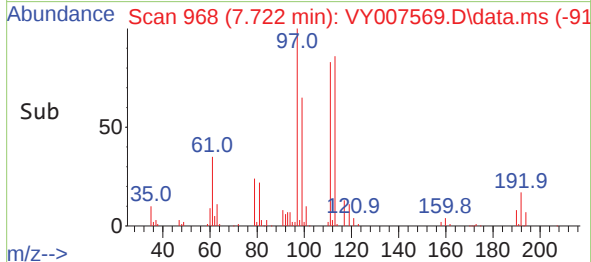
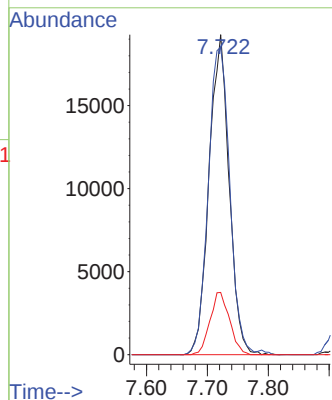
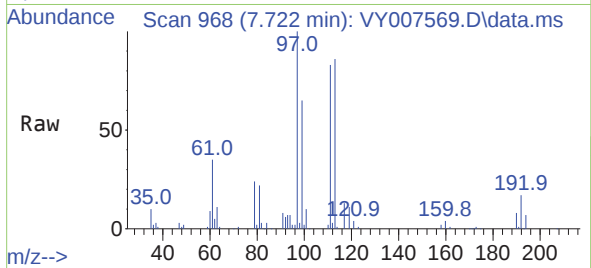
#35
Dibromofluoromethane
Concen: 42.355 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion:113 Resp: 44090
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.0 17.6 26.4

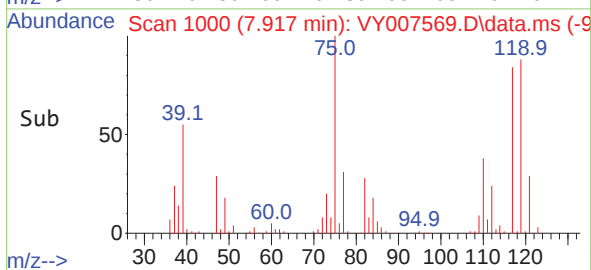
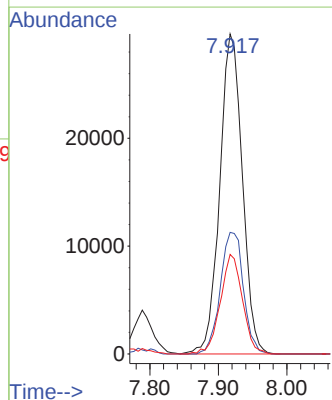
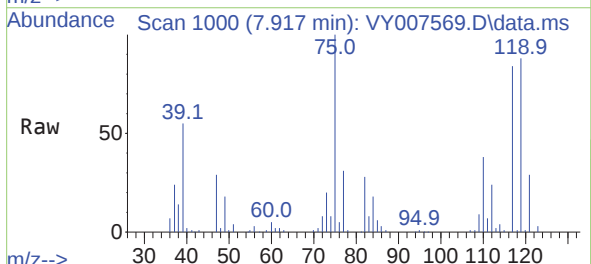
Manual Integrations
APPROVED

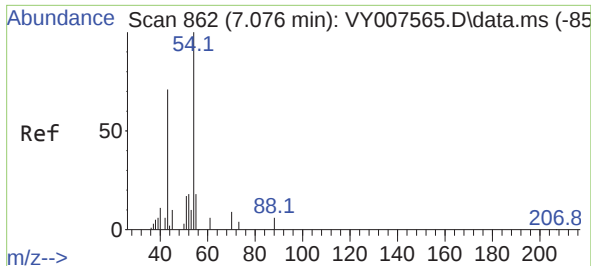
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#36
1,1-Dichloropropene
Concen: 44.634 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 75 Resp: 67905
Ion Ratio Lower Upper
75 100
110 38.9 17.1 51.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 41.456 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY007569.D

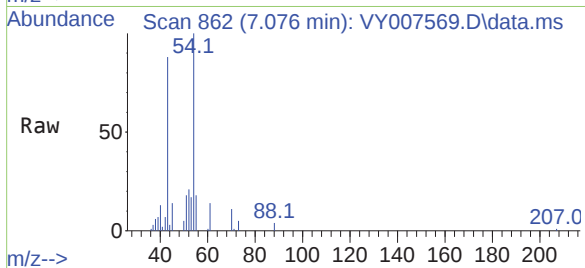
Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122



Tgt Ion: 43 Resp: 25734

Ion Ratio Lower Upper

43 100

61 16.0 9.7 14.5

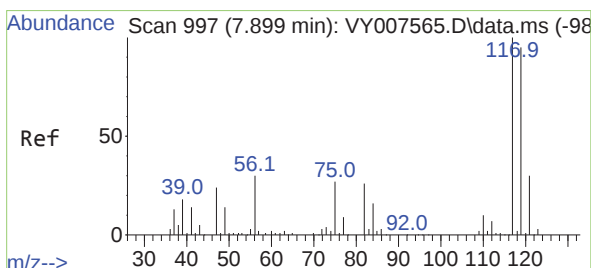
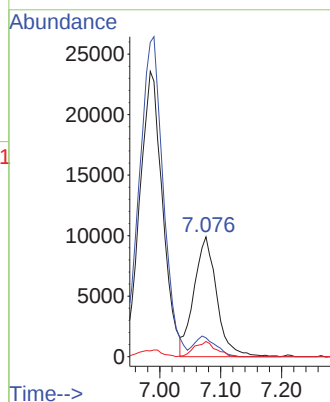
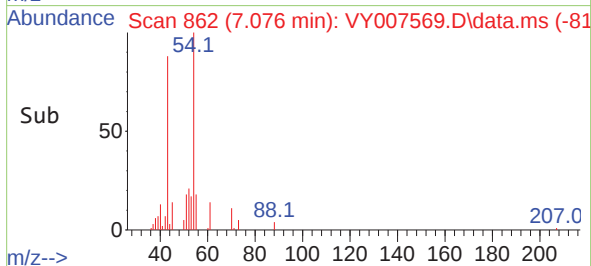
70 11.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#38

Carbon Tetrachloride

Concen: 47.301 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

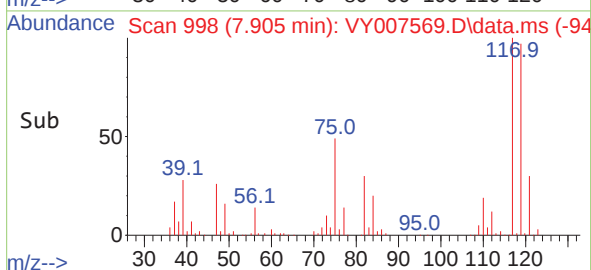
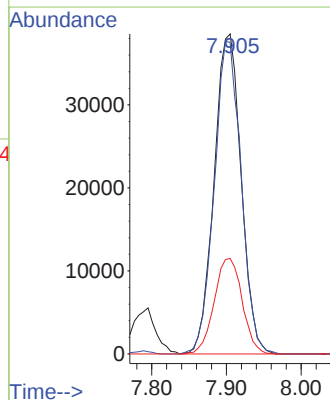
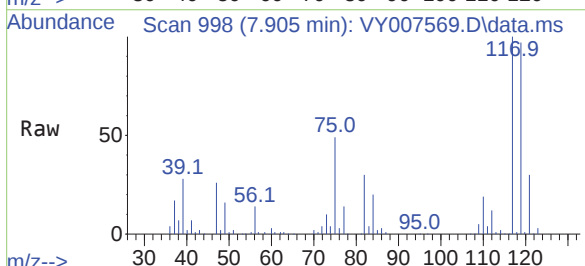
Tgt Ion:117 Resp: 96912

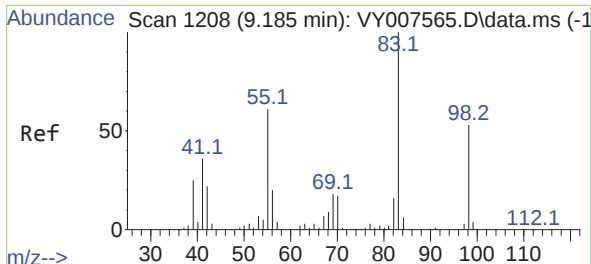
Ion Ratio Lower Upper

117 100

119 97.4 77.9 116.9

121 29.9 24.8 37.2





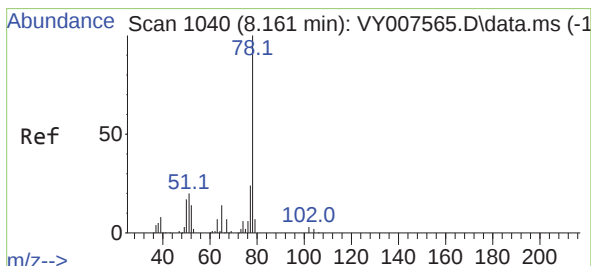
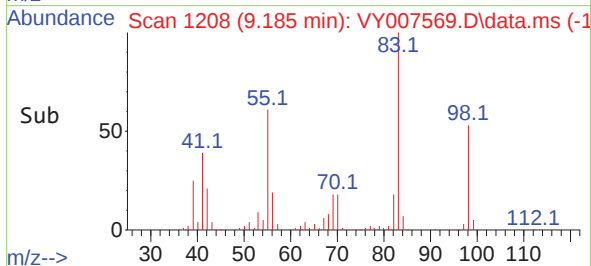
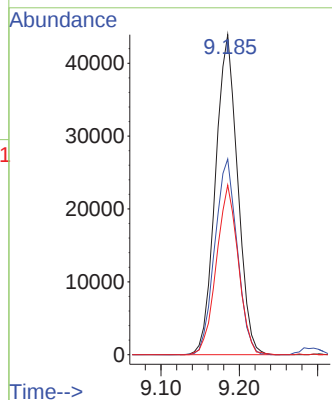
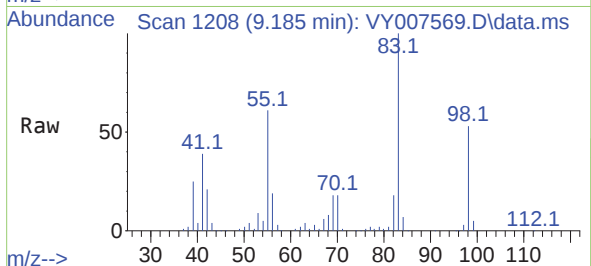
#39
Methylcyclohexane
Concen: 45.014 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122

Tgt Ion: 83 Resp: 8648
Ion Ratio Lower Upper
83 100
55 61.1 66.5 99.7
98 53.0 37.9 56.9

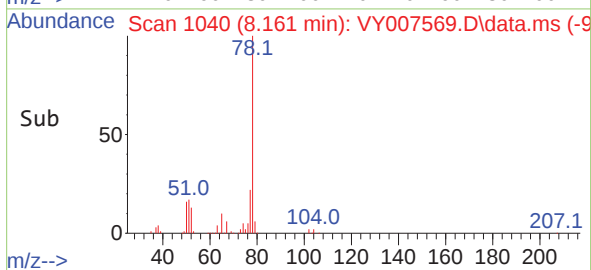
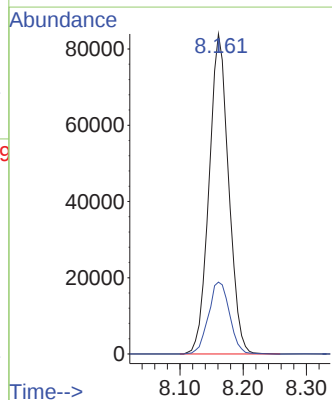
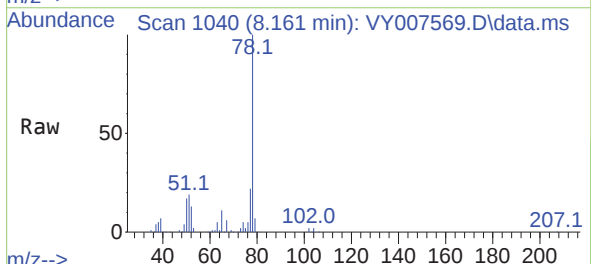
Manual Integrations
APPROVED

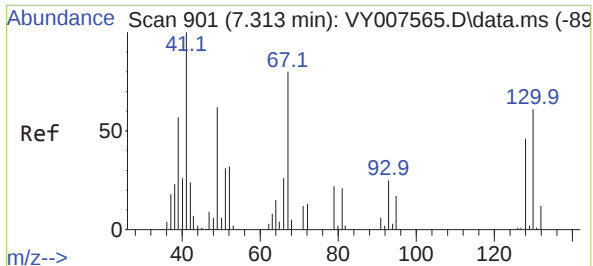
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#40
Benzene
Concen: 44.198 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

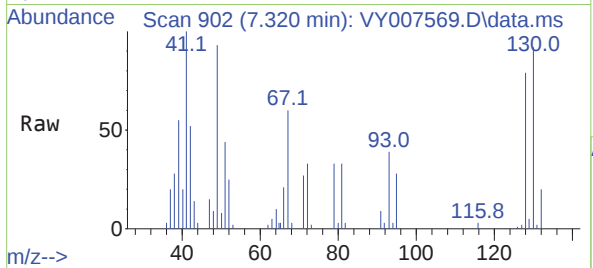
Tgt Ion: 78 Resp: 180143
Ion Ratio Lower Upper
78 100
77 22.4 20.4 30.6





#41
Methacrylonitrile
Concen: 44.998 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

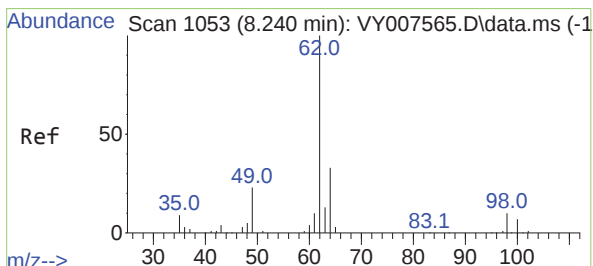
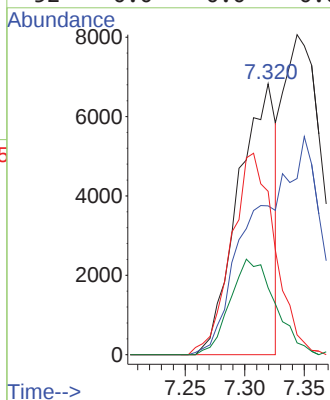
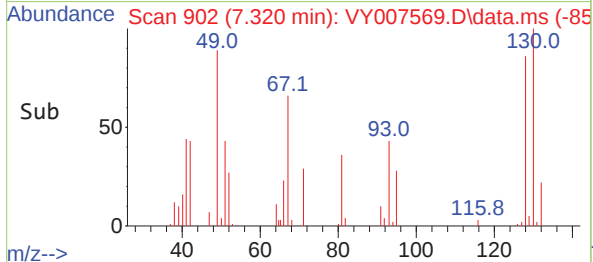
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



Tgt Ion: 41 Resp: 14960
Ion Ratio Lower Upper
41 100
39 144.4 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

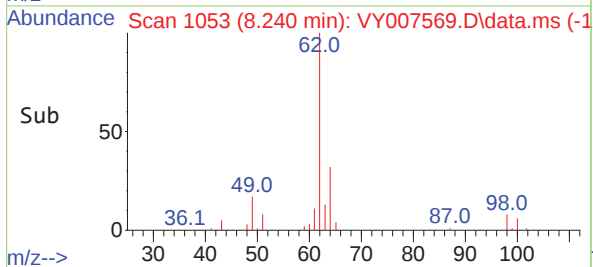
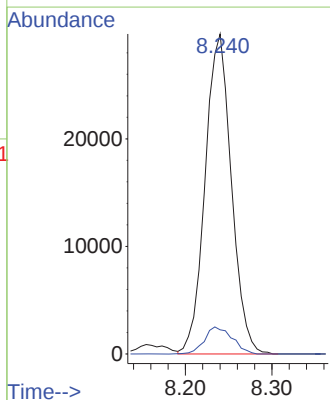
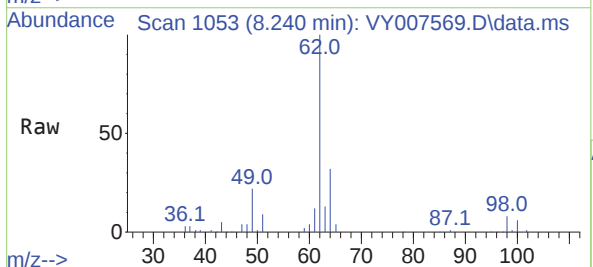
Manual Integrations
APPROVED

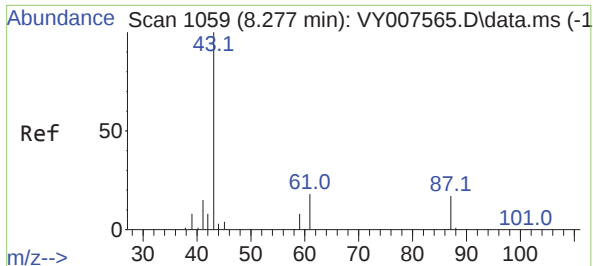
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#42
1,2-Dichloroethane
Concen: 44.036 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

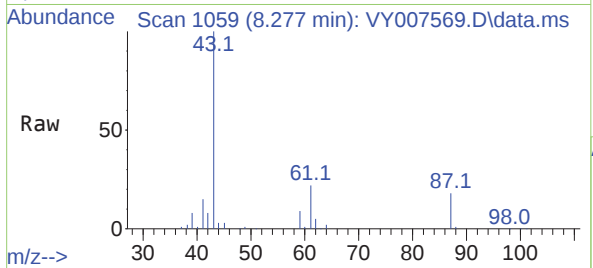
Tgt Ion: 62 Resp: 62682
Ion Ratio Lower Upper
62 100
98 8.9 0.0 14.8





#43
Isopropyl Acetate
Concen: 41.232 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

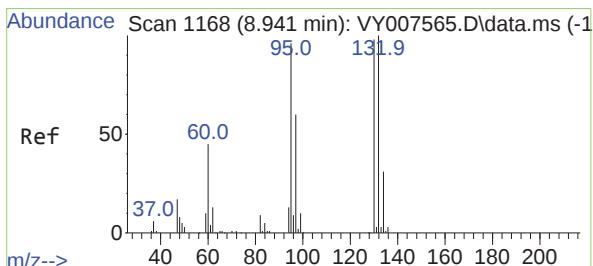
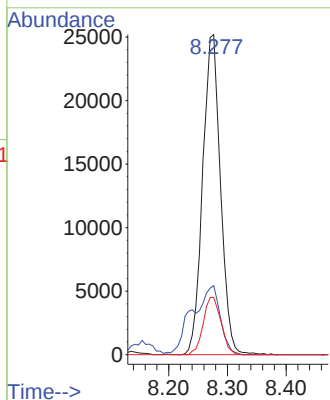
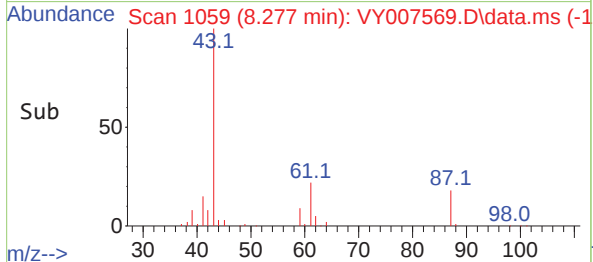
Instrument : MSVOA_Y
ClientSampleId : ICVVY022122



Tgt Ion: 43 Resp: 5314
Ion Ratio Lower Upper
43 100
61 33.8 20.2 30.2
87 17.9 8.9 13.3

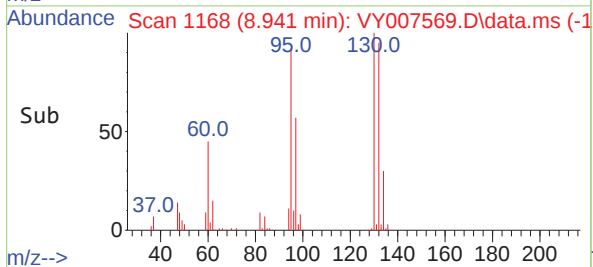
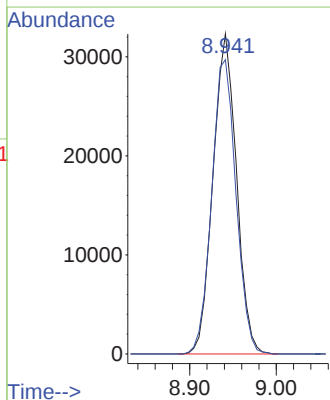
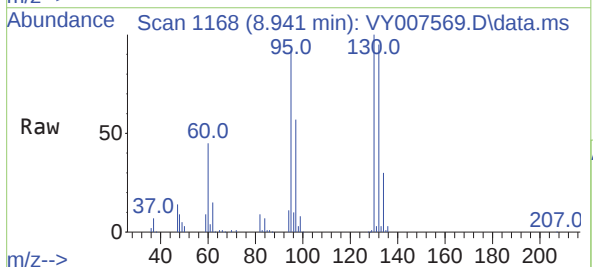
Manual Integrations
APPROVED

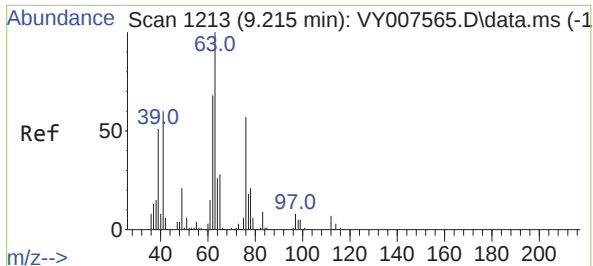
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#44
Trichloroethene
Concen: 46.209 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion:130 Resp: 60824
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 42.557 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

Tgt Ion: 63 Resp: 3984

Ion Ratio Lower Upper

63 100

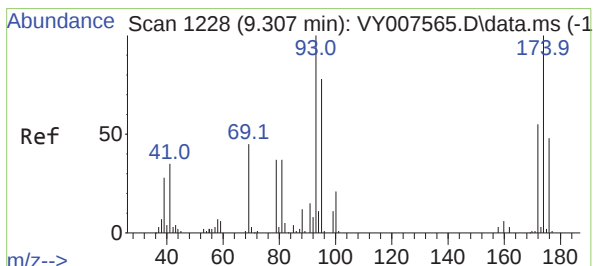
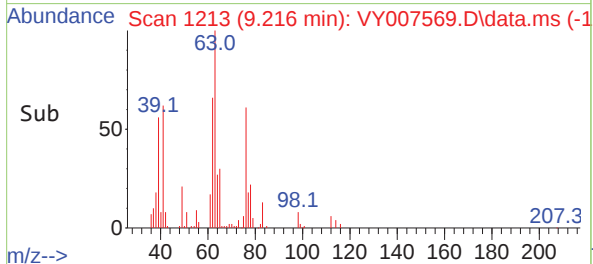
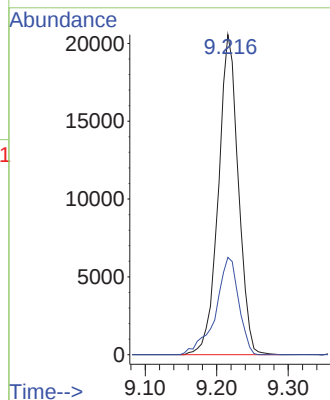
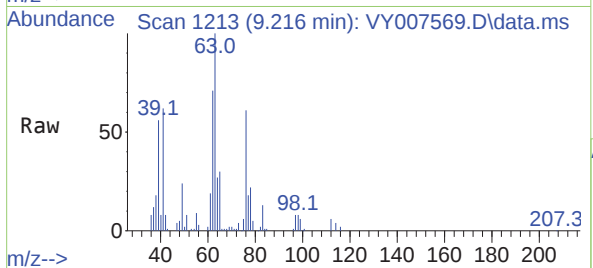
65 30.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#46

Dibromomethane

Concen: 44.018 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

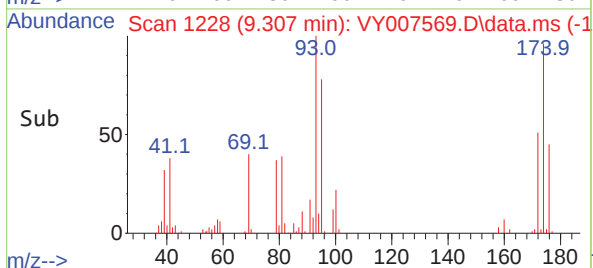
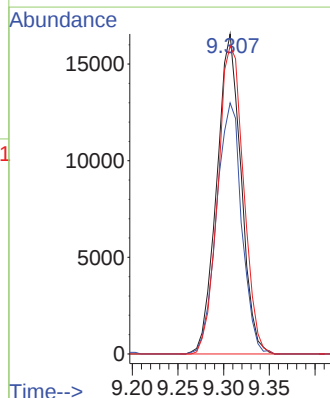
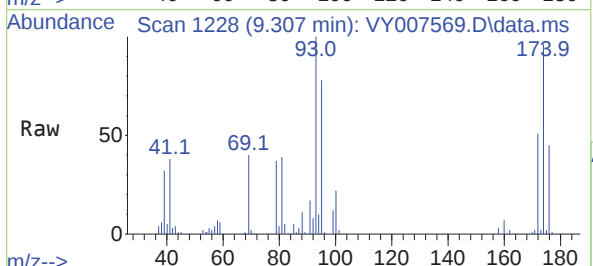
Tgt Ion: 93 Resp: 30597

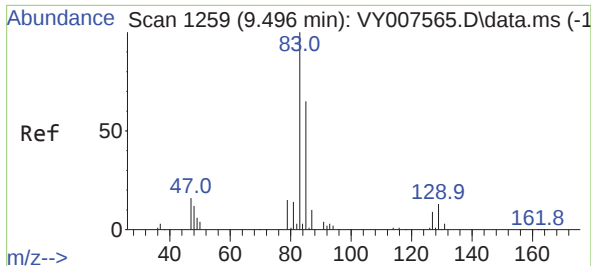
Ion Ratio Lower Upper

93 100

95 81.3 64.3 96.5

174 101.5 83.4 125.0





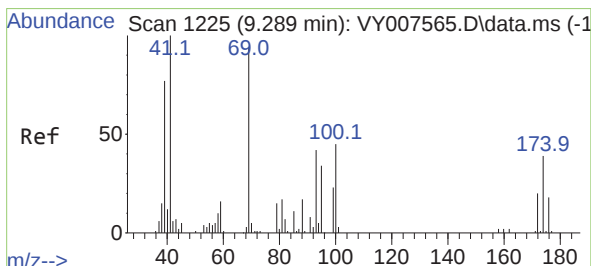
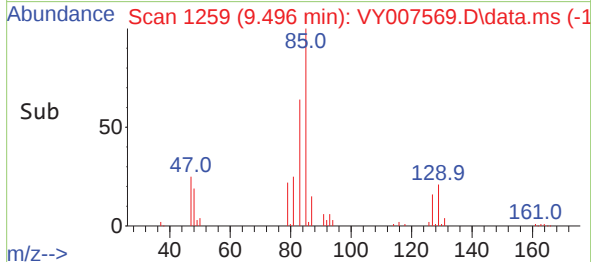
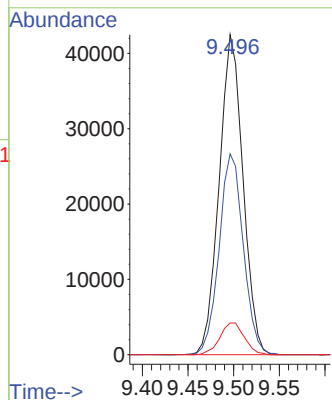
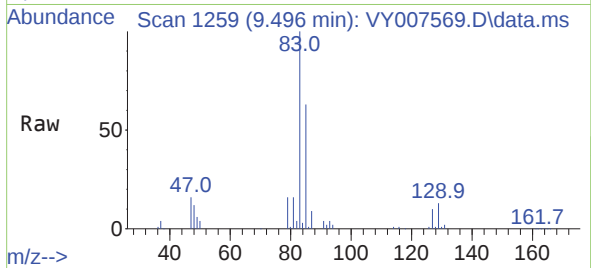
#47
Bromodichloromethane
Concen: 46.684 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion: 83 Resp: 77010
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9
127 9.9 6.6 10.0

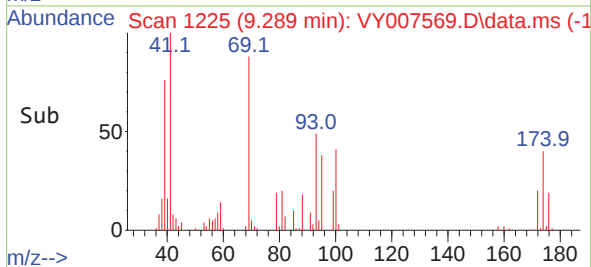
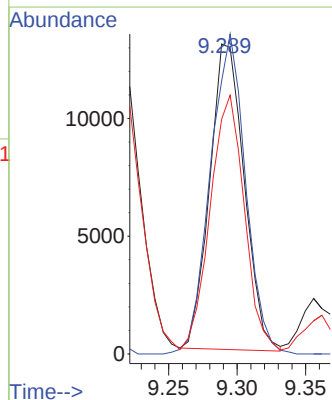
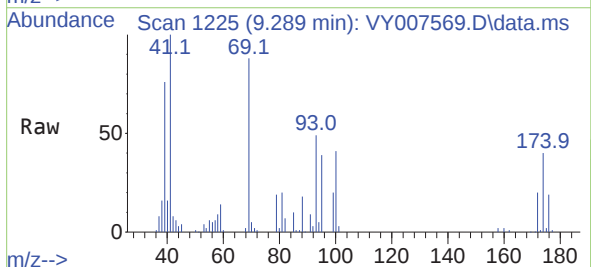
Manual Integrations
APPROVED

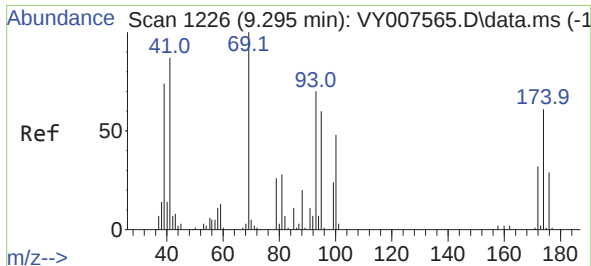
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#48
Methyl methacrylate
Concen: 41.023 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 41 Resp: 22745
Ion Ratio Lower Upper
41 100
69 107.0 58.2 87.2#
39 82.3 47.4 71.0#





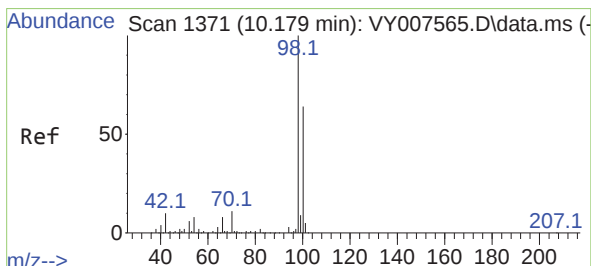
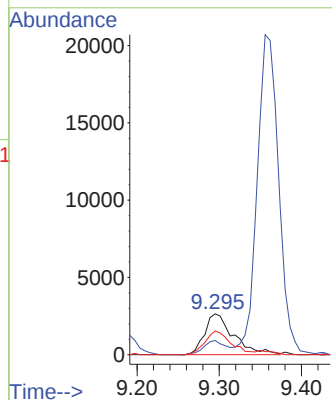
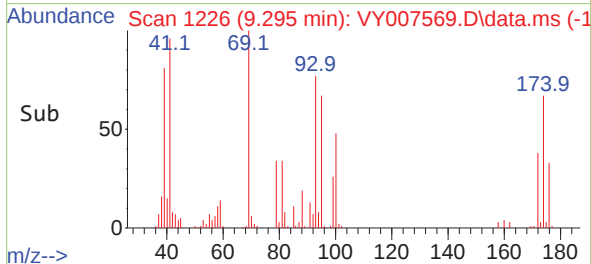
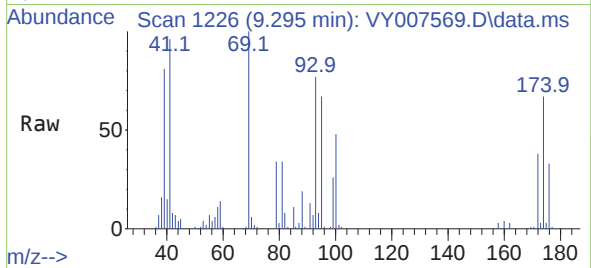
#49
1,4-Dioxane
Concen: 824.058 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122

Tgt Ion: 88 Resp: 6470
Ion Ratio Lower Upper
88 100
43 25.9 32.8 49.2
58 52.6 59.8 89.6

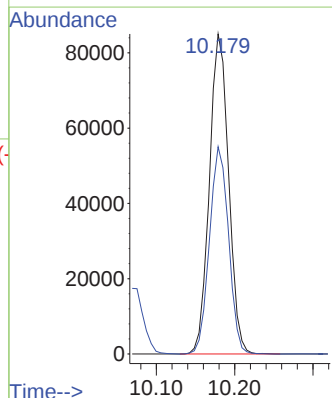
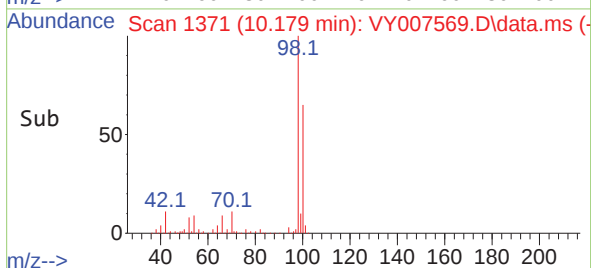
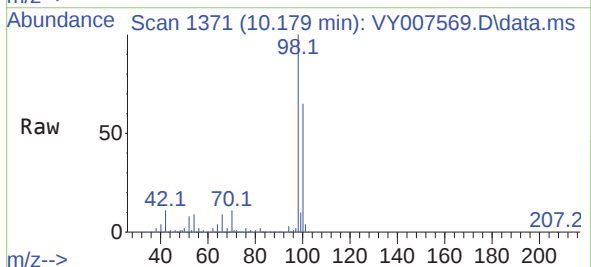
Manual Integrations
APPROVED

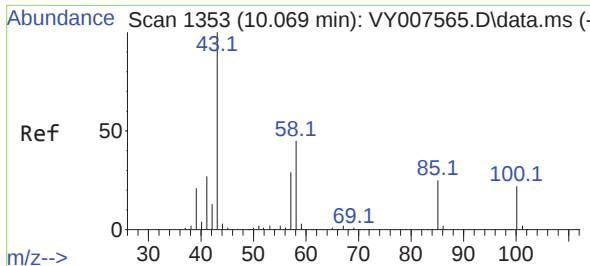
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
Toluene-d8
Concen: 40.071 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

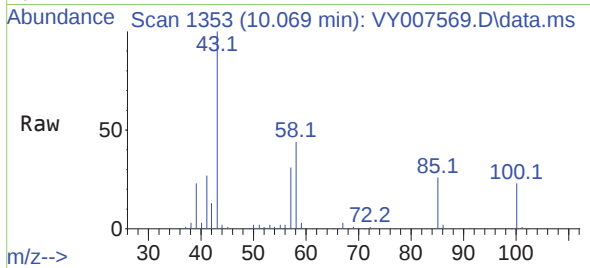
Tgt Ion: 98 Resp: 144649
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 210.863 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

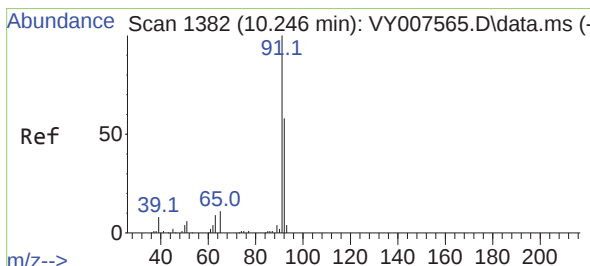
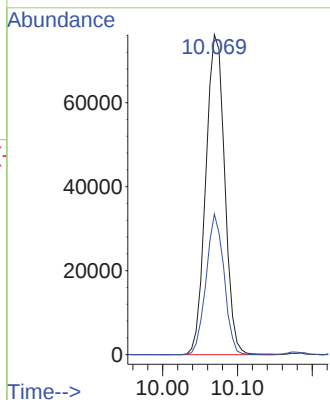
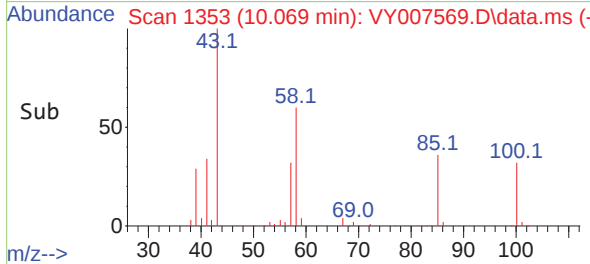
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



Tgt Ion: 43 Resp: 133834
Ion Ratio Lower Upper
43 100
58 41.8 28.1 42.1

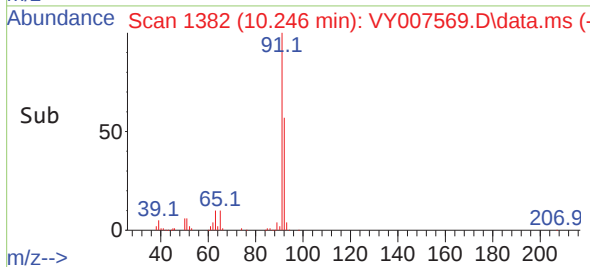
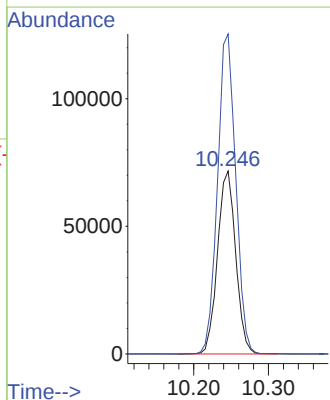
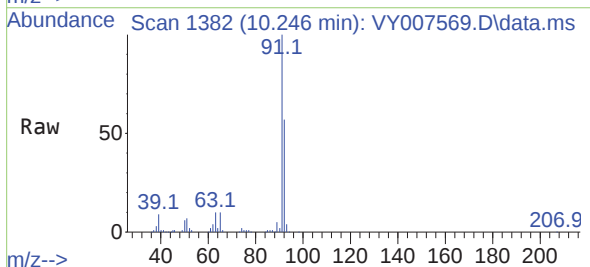
Manual Integrations
APPROVED

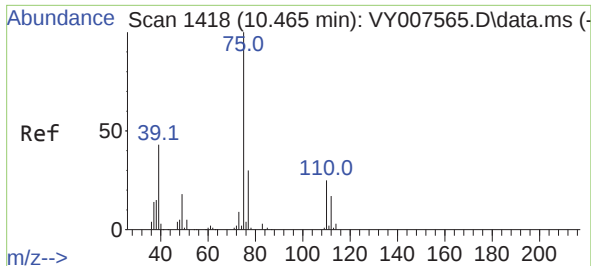
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
Toluene
Concen: 43.396 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

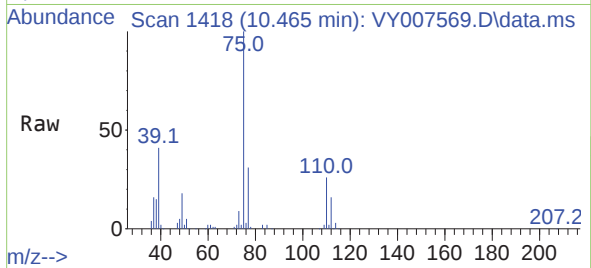
Tgt Ion: 92 Resp: 121221
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 43.456 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19

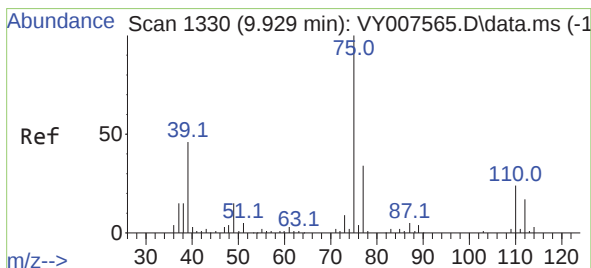
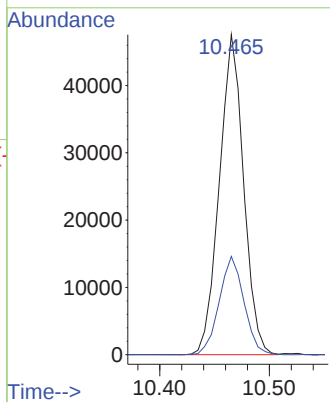
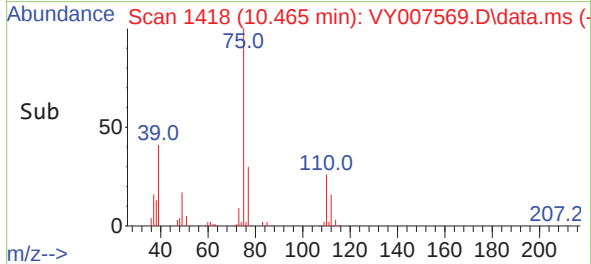
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022122



Tgt Ion: 75 Resp: 73084
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2

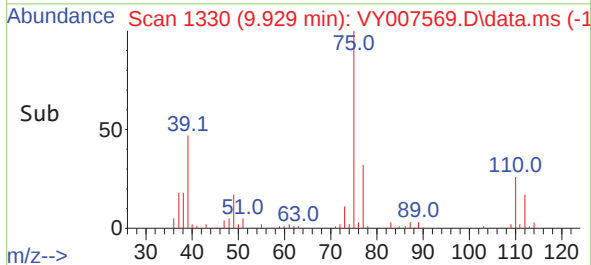
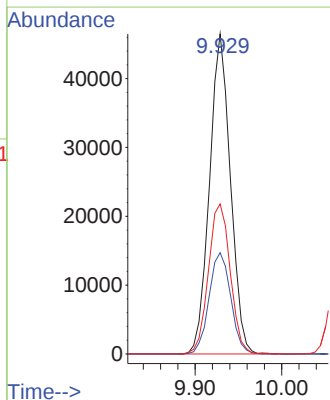
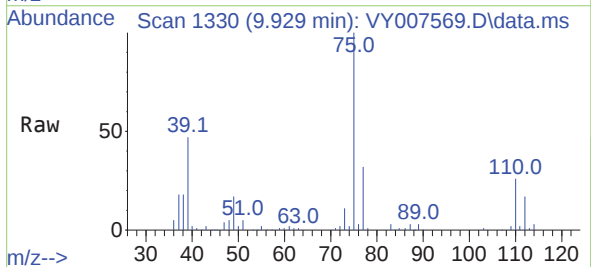
Manual Integrations
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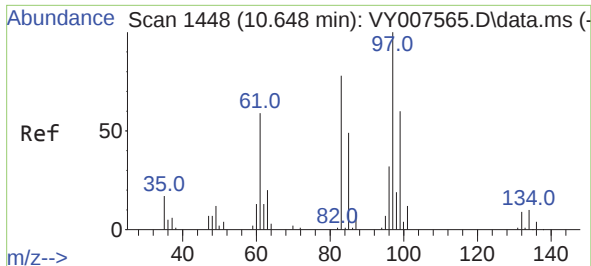
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 43.146 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19

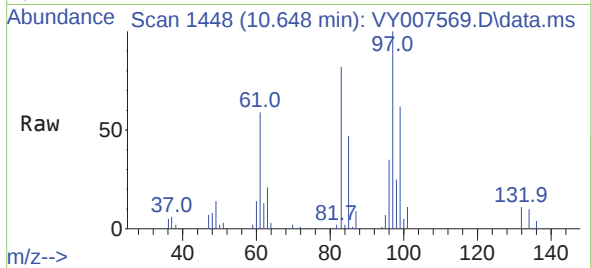
Tgt Ion: 75 Resp: 77912
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 46.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 42.254 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

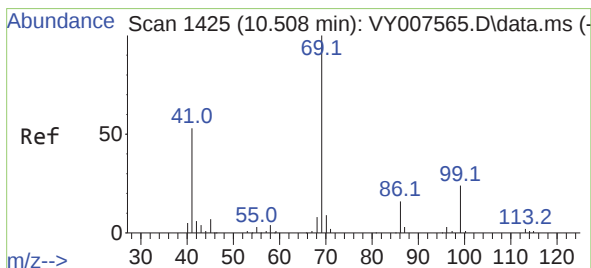
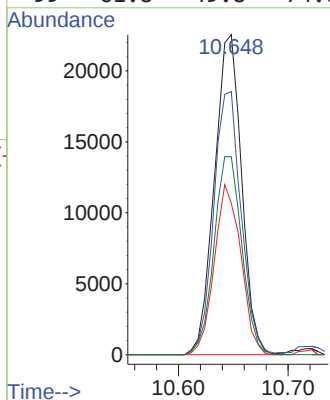
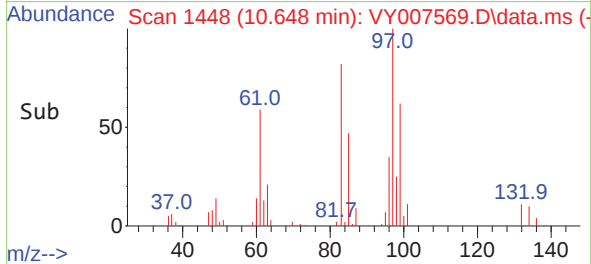
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



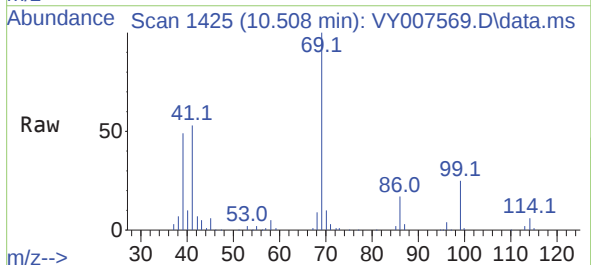
Tgt Ion: 97 Resp: 38870
Ion Ratio Lower Upper
97 100
83 82.3 69.8 104.8
85 47.3 44.3 66.5
99 61.8 49.8 74.6

Manual Integrations
APPROVED

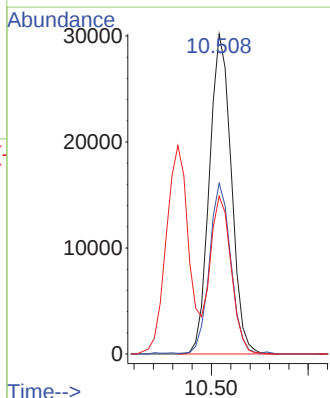
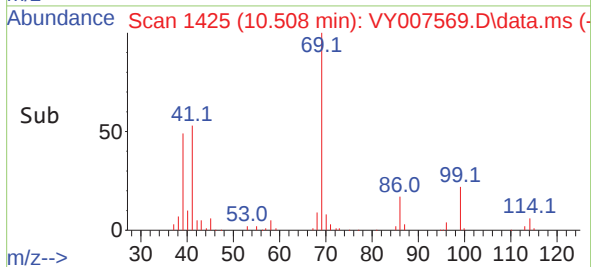
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

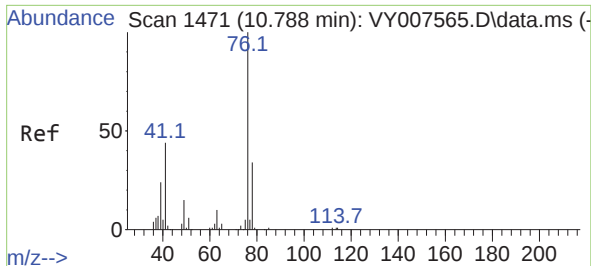


#56
Ethyl methacrylate
Concen: 41.921 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion: 69 Resp: 47421
Ion Ratio Lower Upper
69 100
41 52.5 63.4 95.0#
39 46.6 35.8 53.8





#57

1,3-Dichloropropane

Concen: 42.929 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

Tgt Ion: 76 Resp: 6369

Ion Ratio Lower Upper

76 100

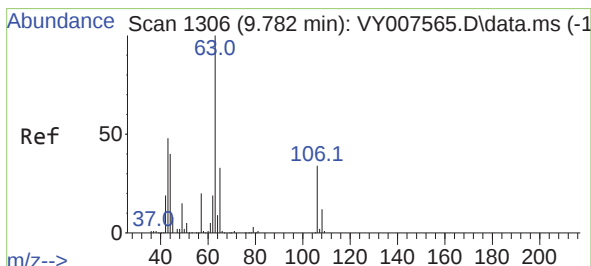
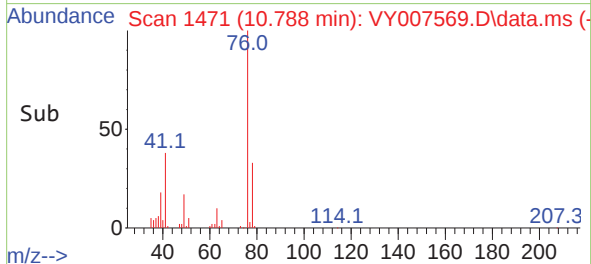
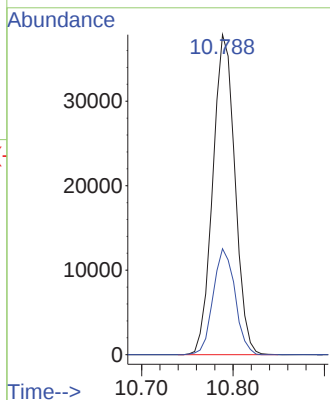
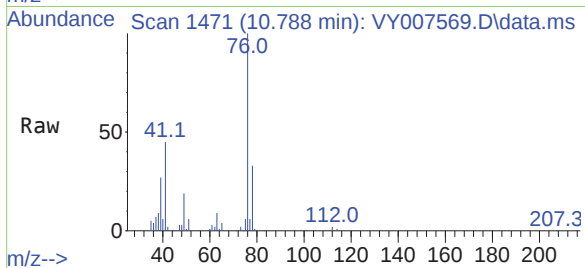
78 32.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 214.550 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY007569.D

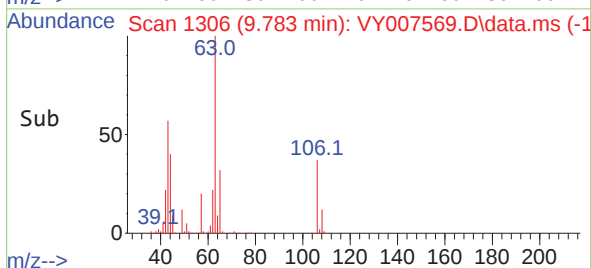
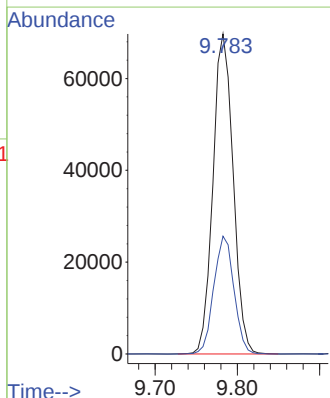
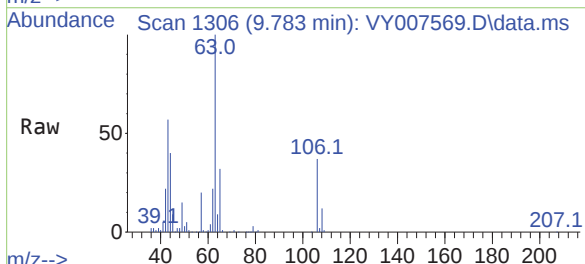
Acq: 21 Feb 2022 16:19

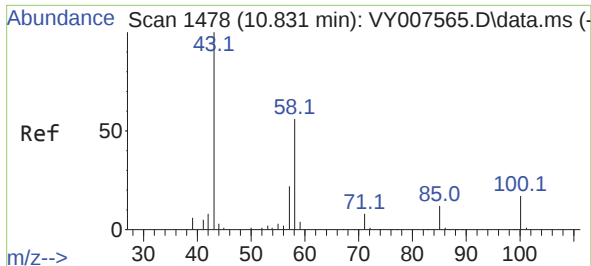
Tgt Ion: 63 Resp: 118687

Ion Ratio Lower Upper

63 100

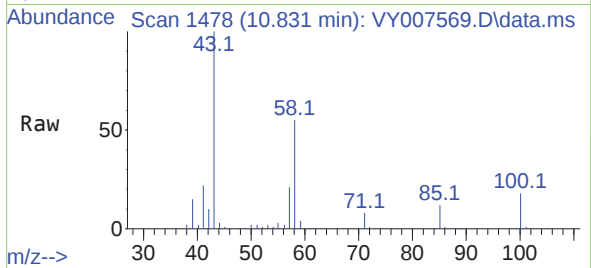
106 36.8 21.5 32.3





#59
2-Hexanone
Concen: 207.409 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

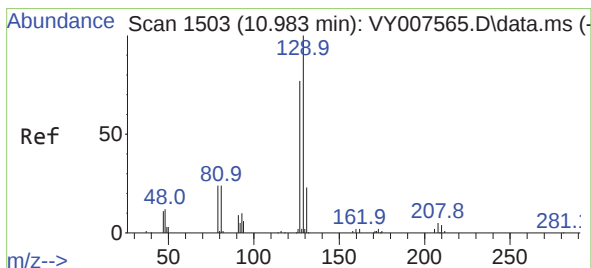
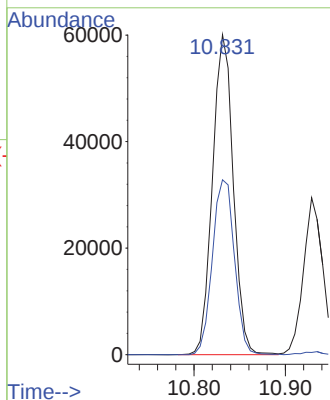
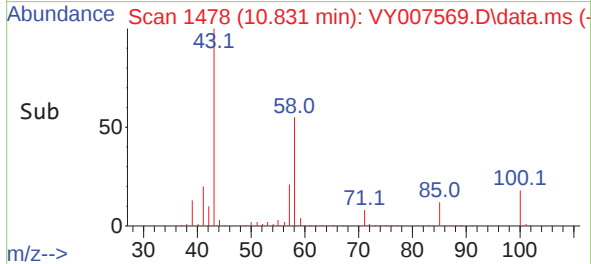
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



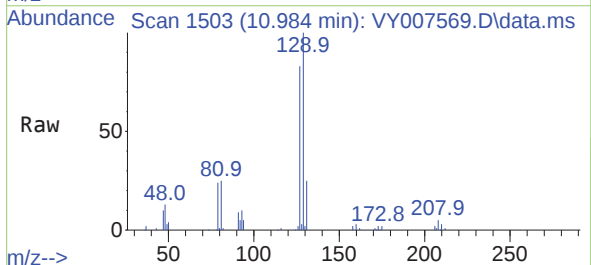
Tgt Ion: 43 Resp: 9488
Ion Ratio Lower Upper
43 100
58 58.1 24.4 73.4

Manual Integrations
APPROVED

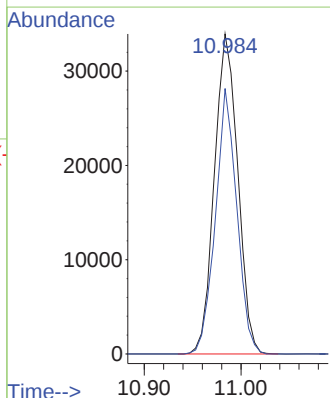
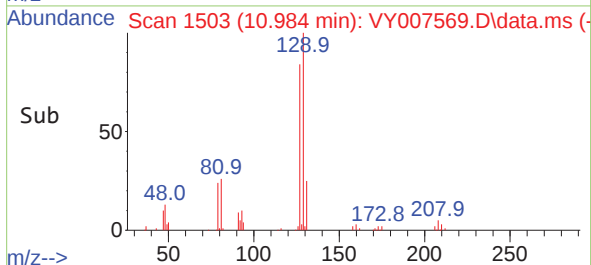
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

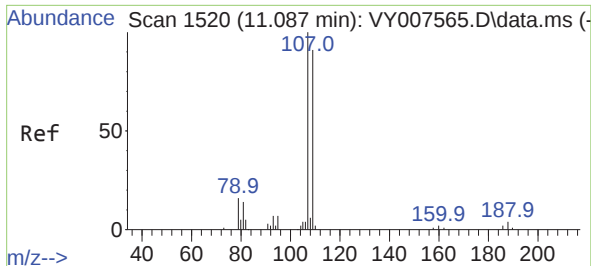


#60
Dibromochloromethane
Concen: 45.215 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



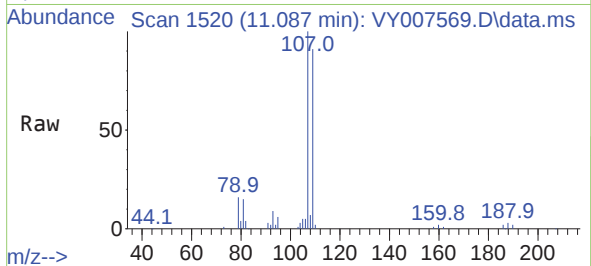
Tgt Ion:129 Resp: 57007
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 44.315 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

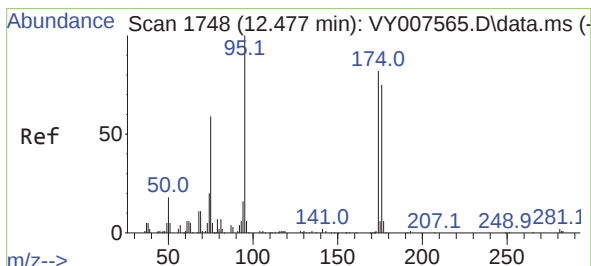
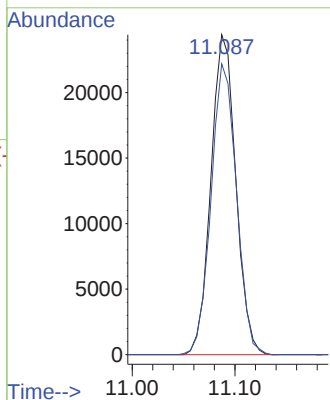
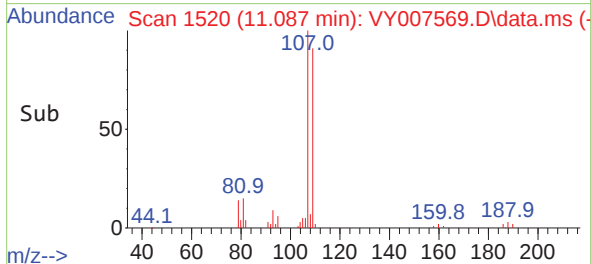
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



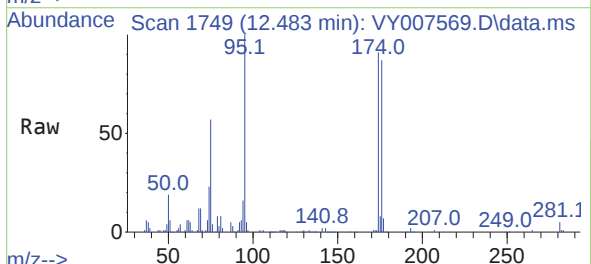
Tgt Ion:107 Resp: 4098
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2

Manual Integrations
APPROVED

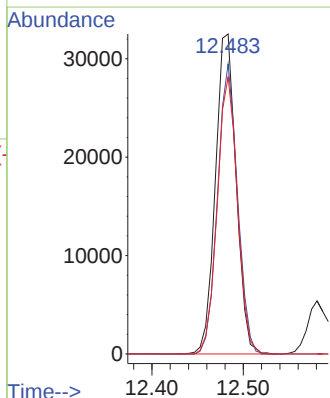
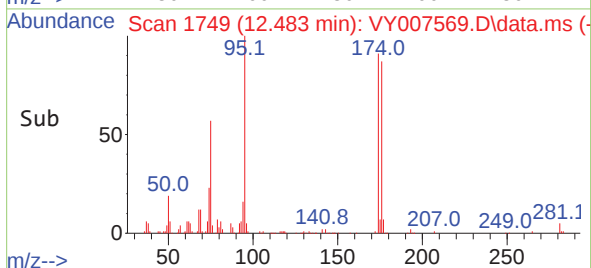
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

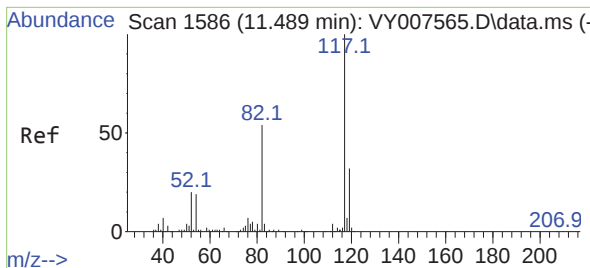


#62
4-Bromofluorobenzene
Concen: 39.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion: 95 Resp: 51160
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.1 0.0 175.8





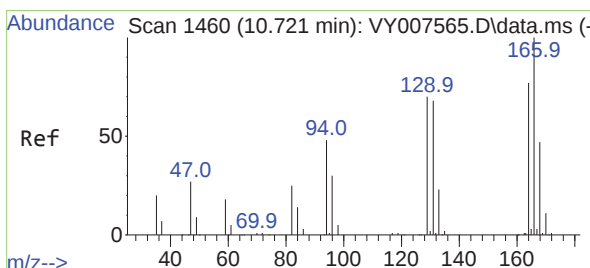
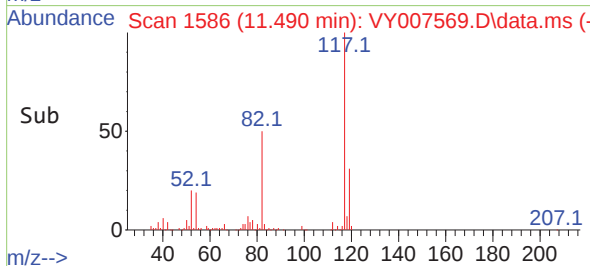
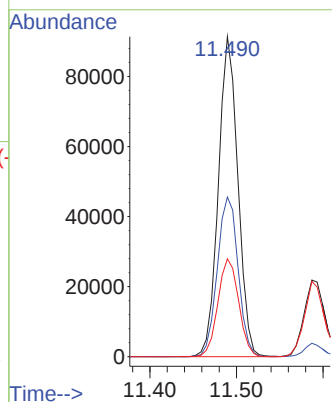
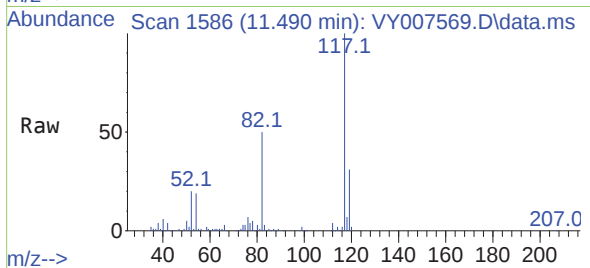
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion:117 Resp: 14312
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 30.6 25.4 38.0

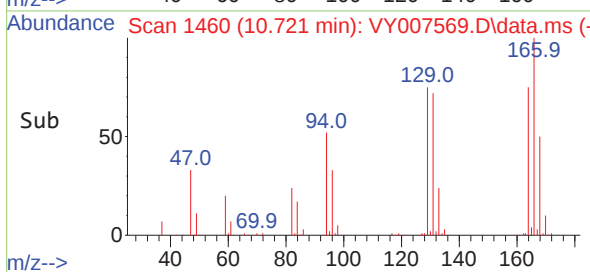
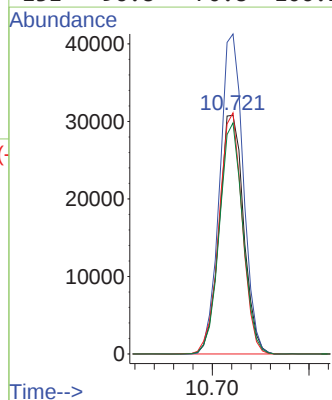
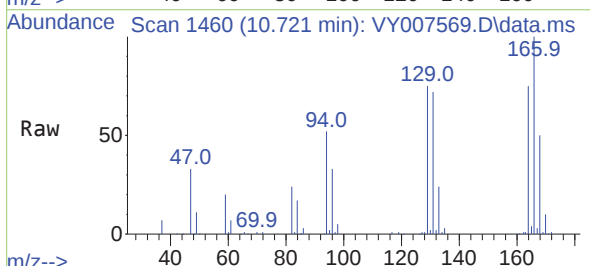
Manual Integrations
APPROVED

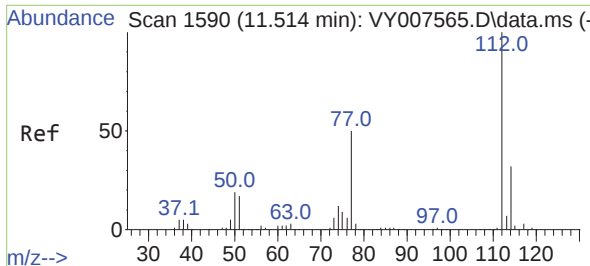
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#64
Tetrachloroethene
Concen: 46.731 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

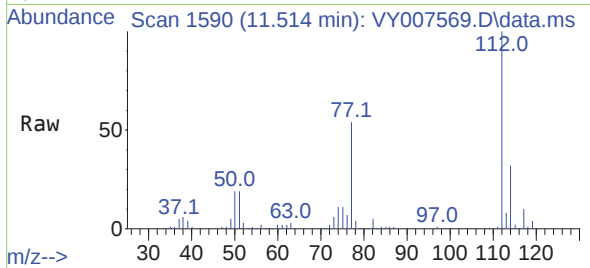
Tgt Ion:164 Resp: 53796
Ion Ratio Lower Upper
164 100
166 134.1 100.4 150.6
129 101.0 71.4 107.0
131 96.8 70.8 106.2





#65
Chlorobenzene
Concen: 46.410 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

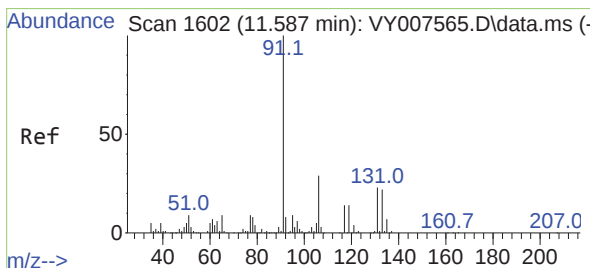
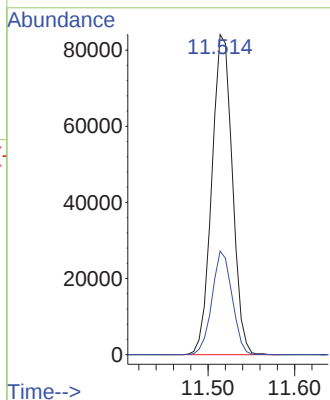
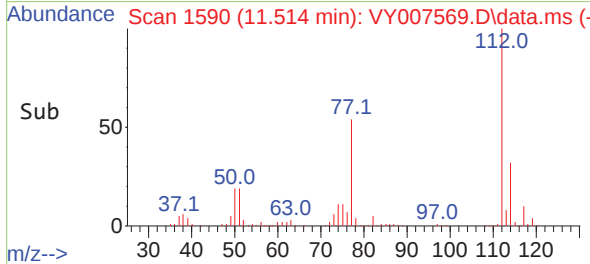
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



Tgt Ion:112 Resp: 13850
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

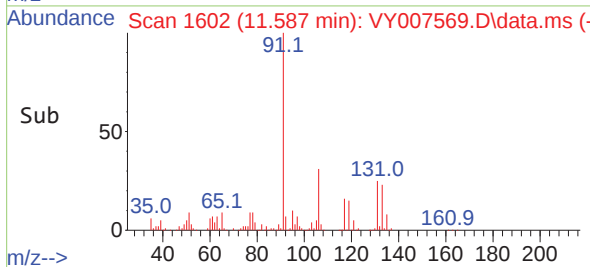
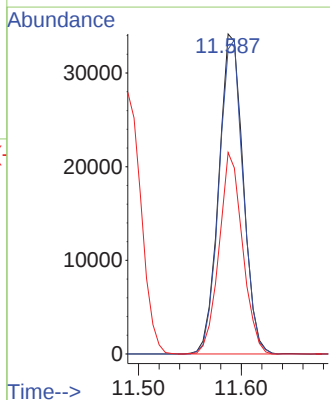
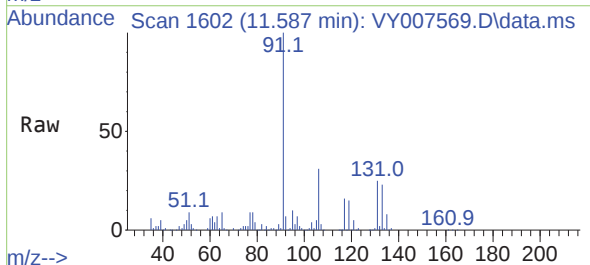
Manual Integrations
APPROVED

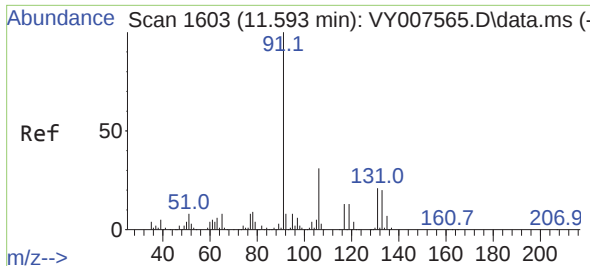
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.700 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

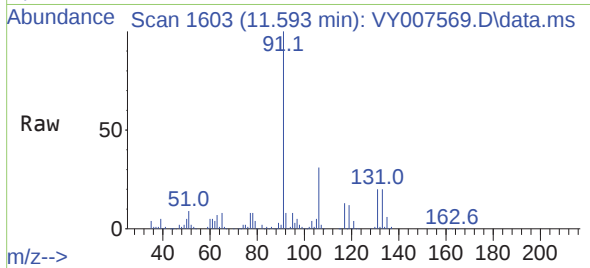
Tgt Ion:131 Resp: 56273
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.6
119 60.5 30.8 92.3





#67
Ethyl Benzene
Concen: 47.698 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

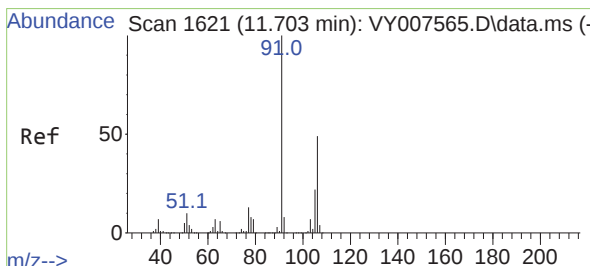
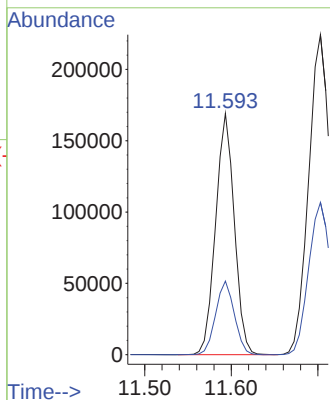
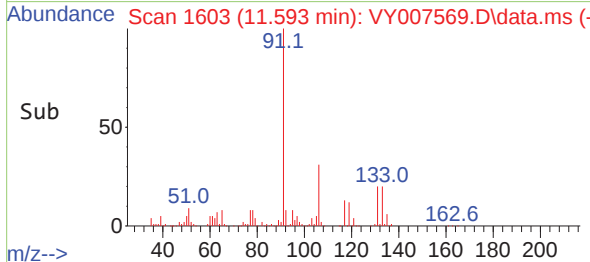
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



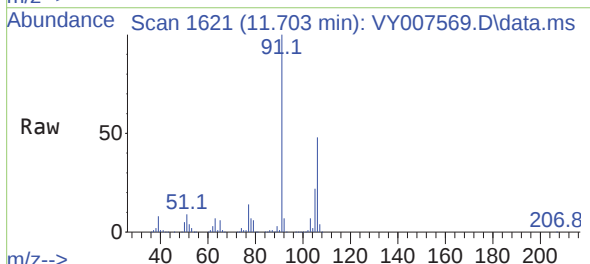
Tgt Ion: 91 Resp: 253619
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

Manual Integrations
APPROVED

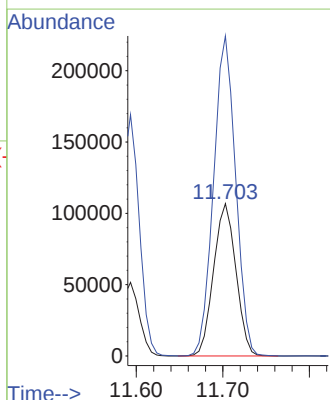
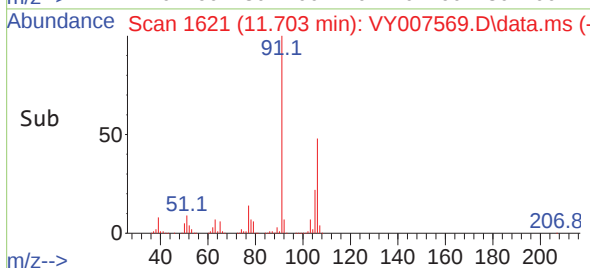
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

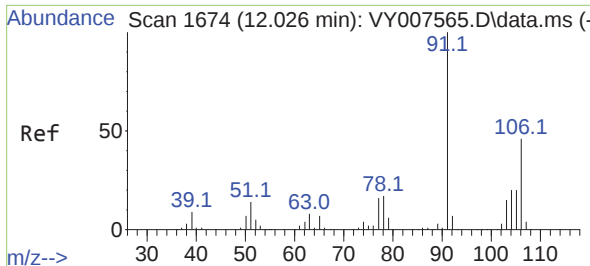


#68
m/p-Xylenes
Concen: 94.489 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion:106 Resp: 191291
Ion Ratio Lower Upper
106 100
91 207.9 166.6 249.8





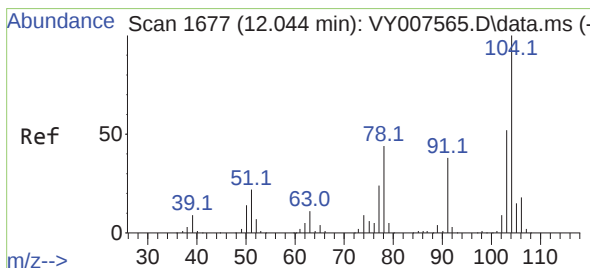
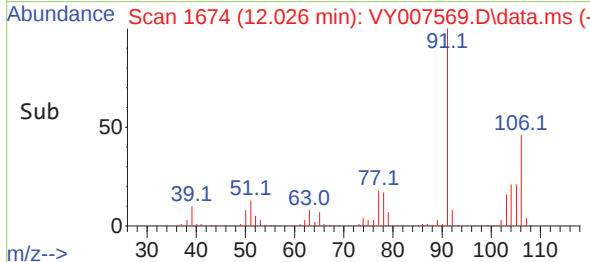
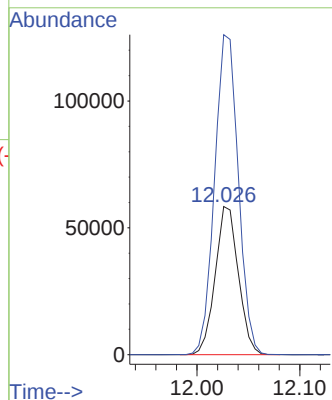
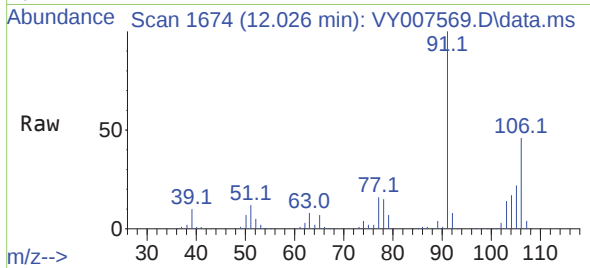
#69
o-Xylene
Concen: 47.294 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion:106 Resp: 91300
Ion Ratio Lower Upper
106 100
91 221.4 110.3 331.0

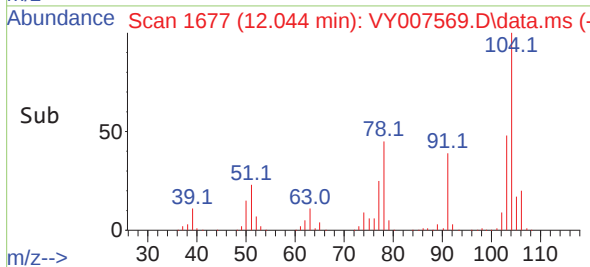
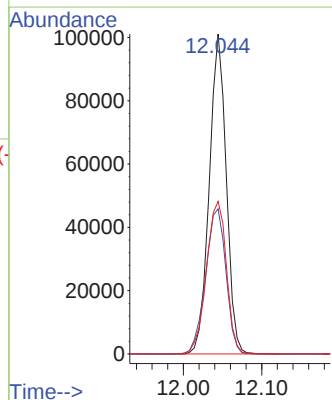
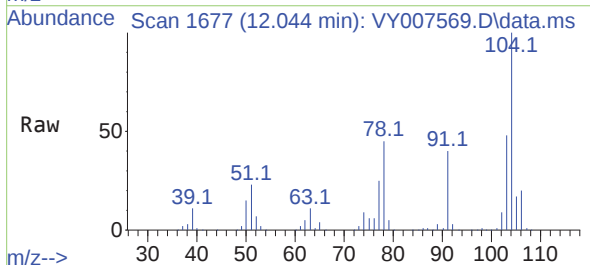
Manual Integrations
APPROVED

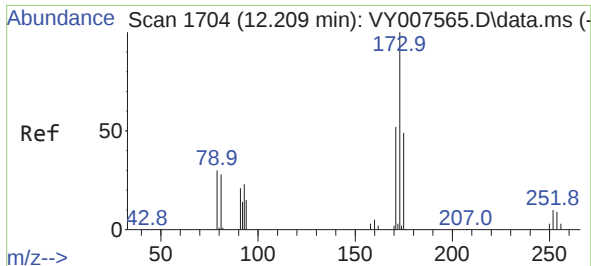
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 47.261 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

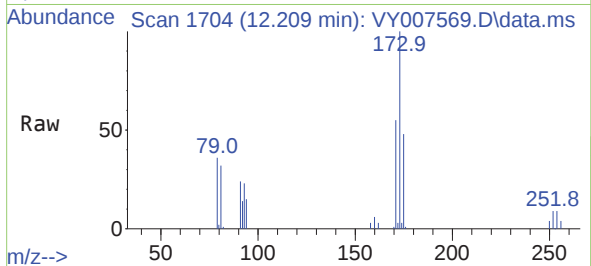
Tgt Ion:104 Resp: 151968
Ion Ratio Lower Upper
104 100
78 54.3 42.4 63.6
103 56.1 44.4 66.6





#71
Bromoform
Concen: 46.474 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

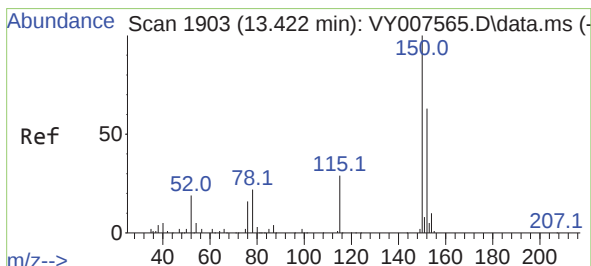
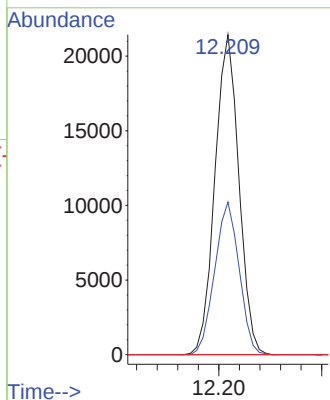
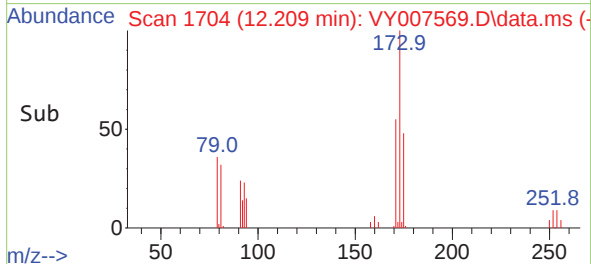
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



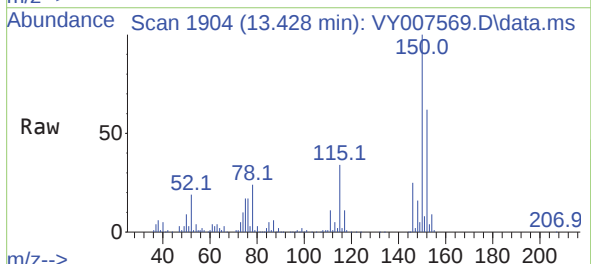
Tgt Ion:173 Resp: 34615
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

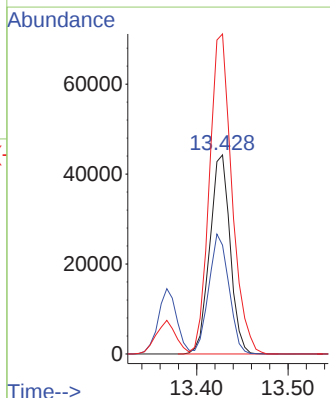
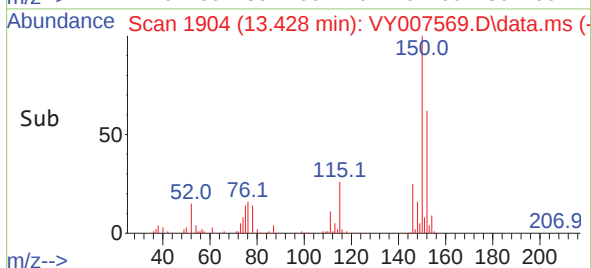
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

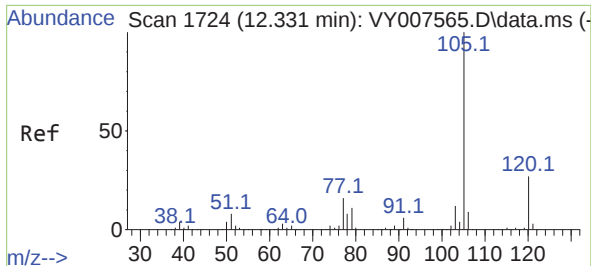


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



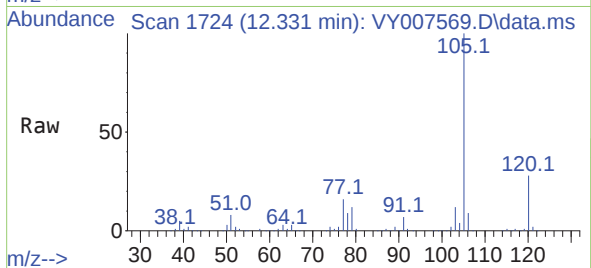
Tgt Ion:152 Resp: 68452
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 177.3 0.0 347.6





#73
Isopropylbenzene
Concen: 47.543 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

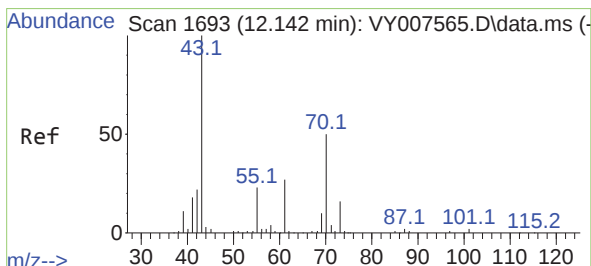
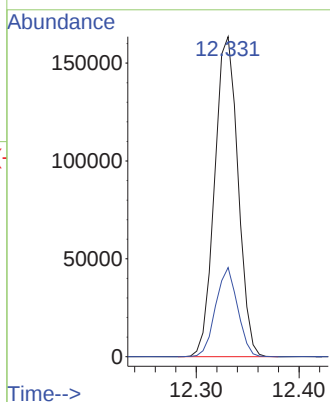
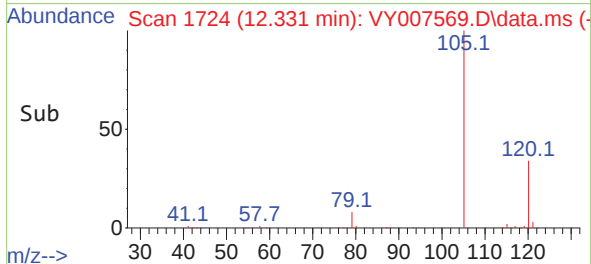
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



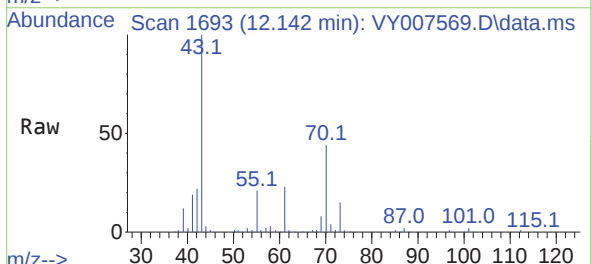
Tgt Ion:105 Resp: 257604
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

Manual Integrations
APPROVED

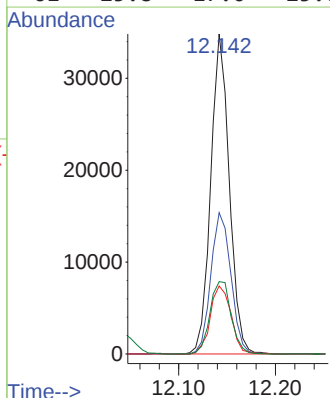
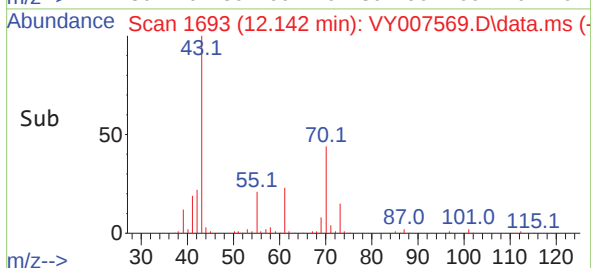
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

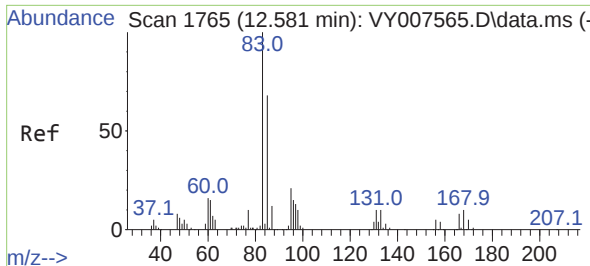


#74
N-ethyl acetate
Concen: 44.218 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



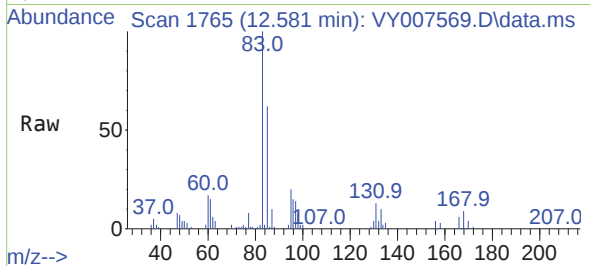
Tgt Ion: 43 Resp: 46468
Ion Ratio Lower Upper
43 100
70 47.8 28.7 43.1#
55 23.8 17.3 25.9
61 25.8 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 43.711 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

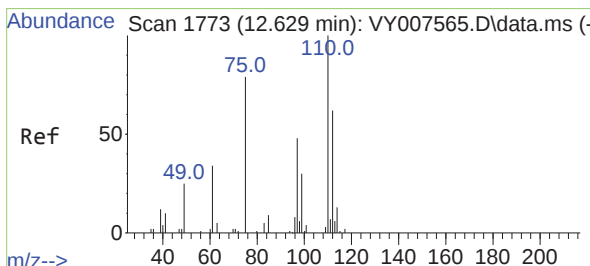
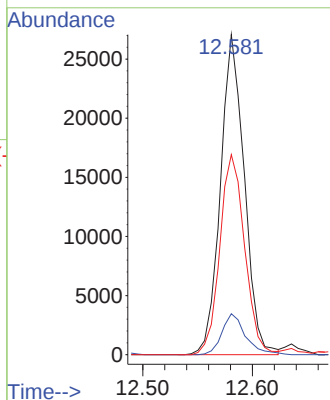
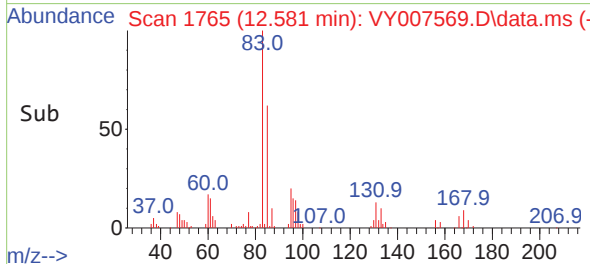
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



Tgt Ion: 83 Resp: 40989
Ion Ratio Lower Upper
83 100
131 12.7 5.6 16.8
85 65.0 32.3 96.8

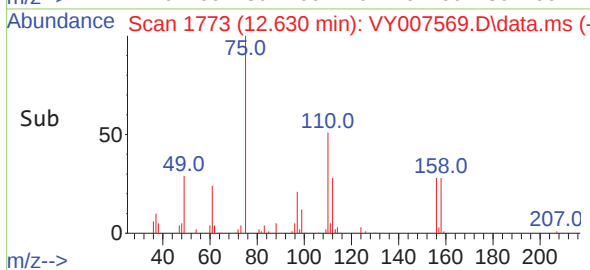
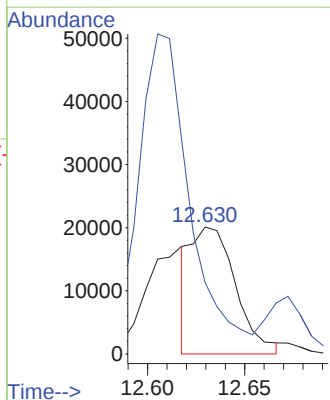
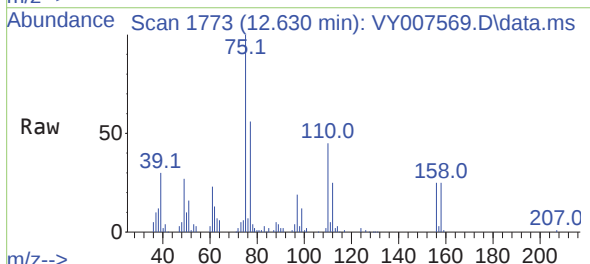
Manual Integrations
APPROVED

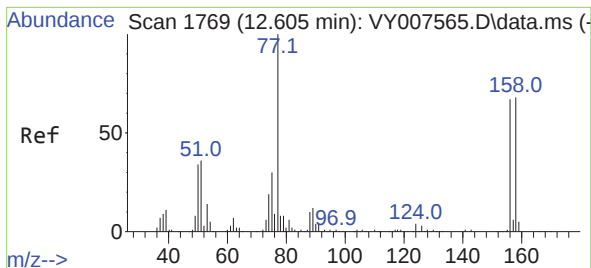
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#76
1,2,3-Trichloropropane
Concen: 39.931 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 75 Resp: 31995
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.332 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022122

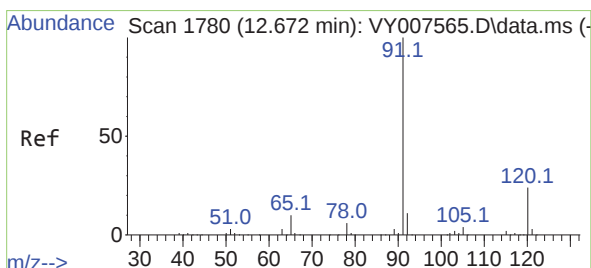
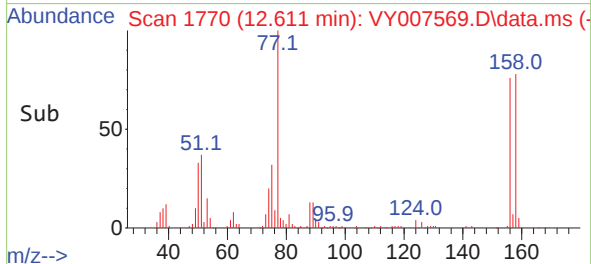
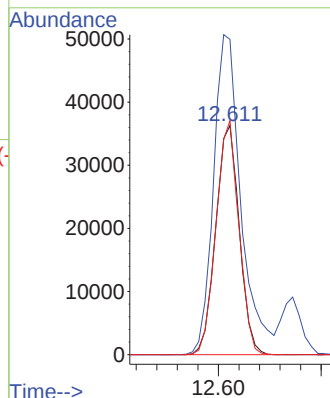
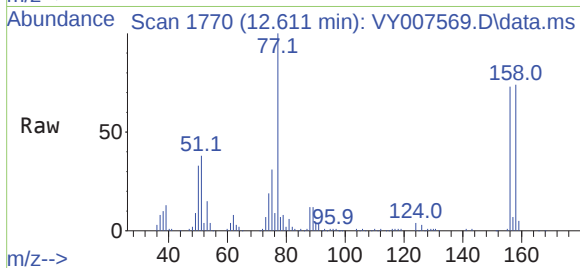
Tgt Ion:	156	Resp:	5765
Ion Ratio	Lower	Upper	
156	100		
77	162.7	95.5	286.4
158	98.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#78

n-propylbenzene

Concen: 47.494 ug/l

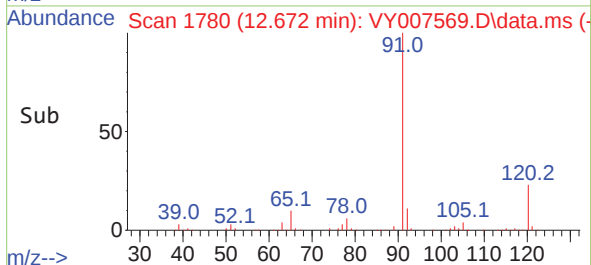
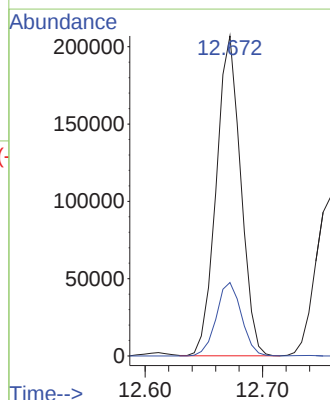
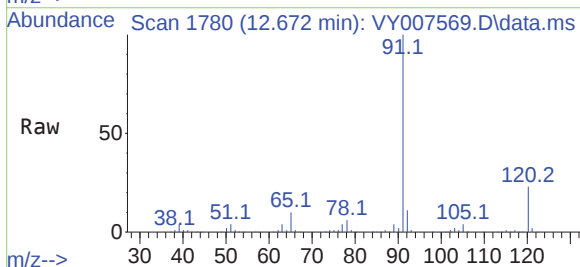
RT: 12.672 min Scan# 1780

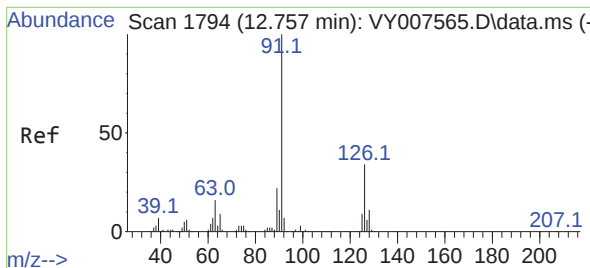
Delta R.T. 0.000 min

Lab File: VY007569.D

Acq: 21 Feb 2022 16:19

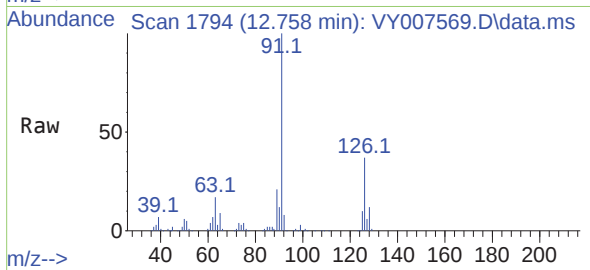
Tgt Ion:	91	Resp:	299973
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.3	33.9





#79
2-Chlorotoluene
Concen: 45.888 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

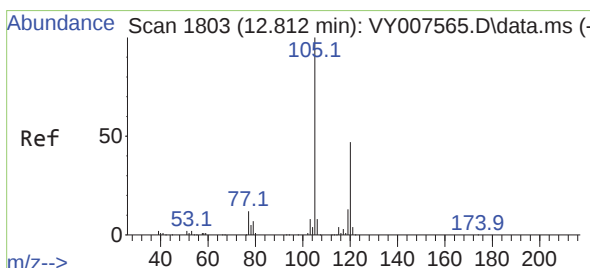
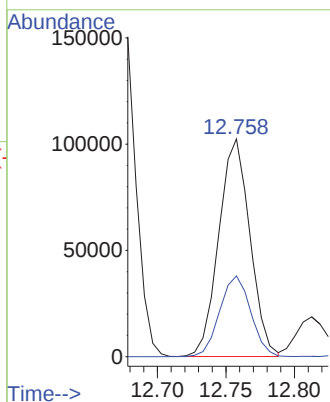
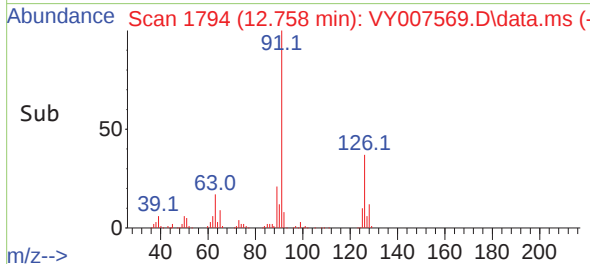
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



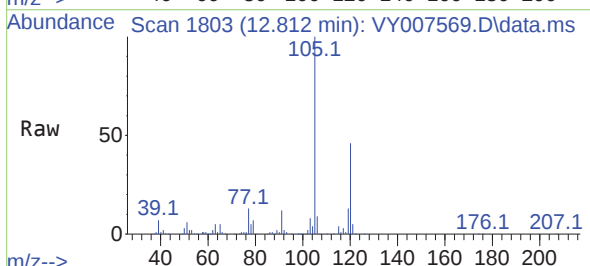
Tgt Ion: 91 Resp: 162264
Ion Ratio Lower Upper
91 100
126 36.9 16.9 50.6

Manual Integrations
APPROVED

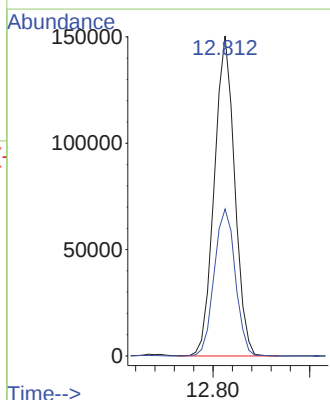
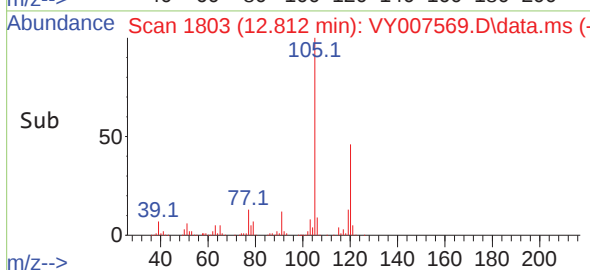
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

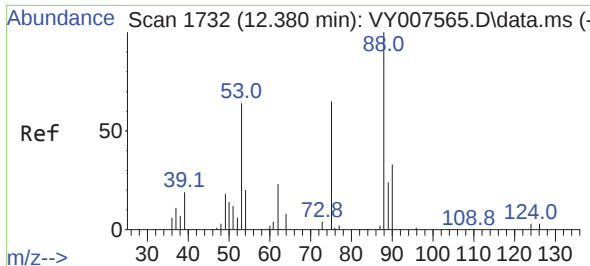


#80
1,3,5-Trimethylbenzene
Concen: 48.247 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



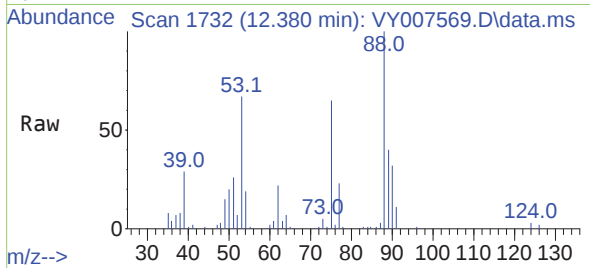
Tgt Ion:105 Resp: 219148
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 42.704 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

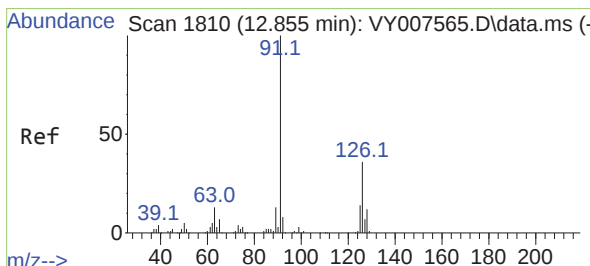
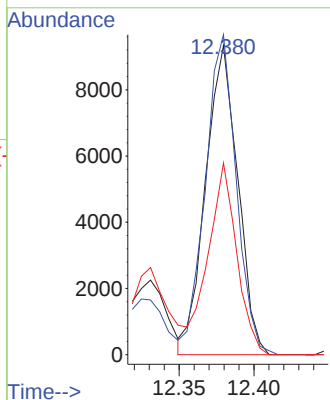
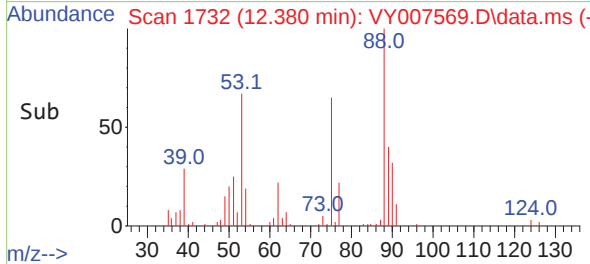
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



Tgt Ion: 75 Resp: 13962
Ion Ratio Lower Upper
75 100
53 99.4 85.3 127.9
89 54.6 37.0 55.4

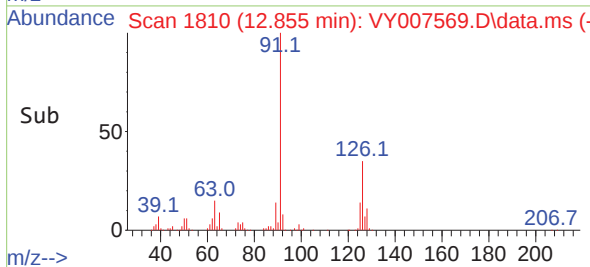
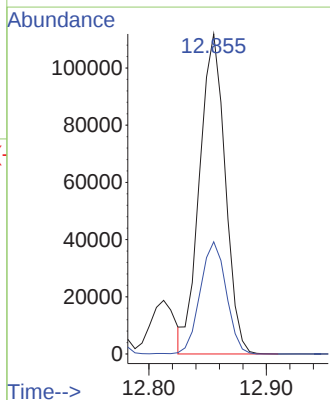
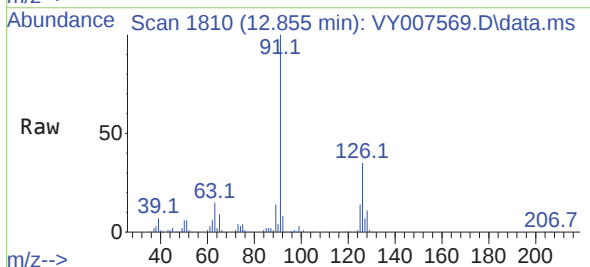
Manual Integrations
APPROVED

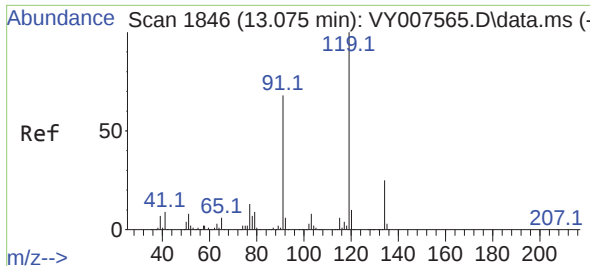
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#82
4-Chlorotoluene
Concen: 46.452 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion: 91 Resp: 169251
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





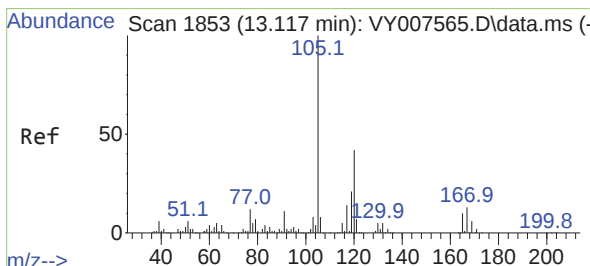
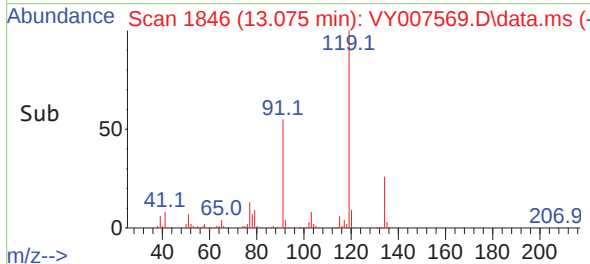
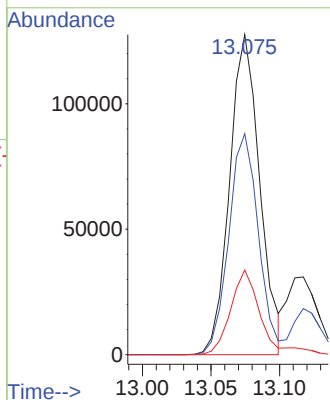
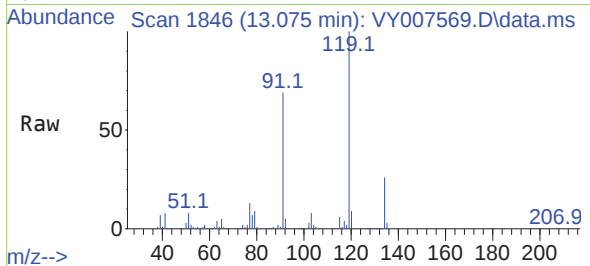
#83
tert-Butylbenzene
Concen: 48.353 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument : MSVOA_Y
ClientSampleId : ICVVY022122

Tgt Ion:119 Resp: 19555
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.4
134 26.4 13.3 39.9

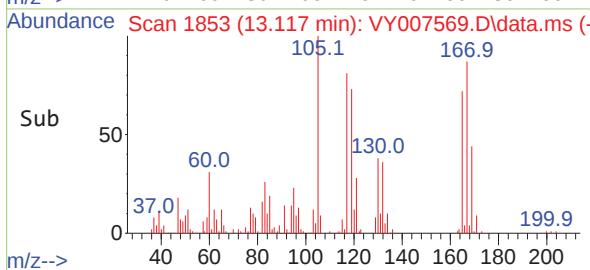
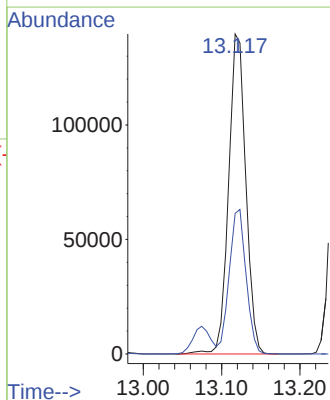
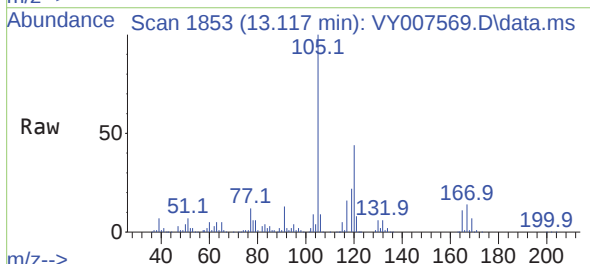
Manual Integrations
APPROVED

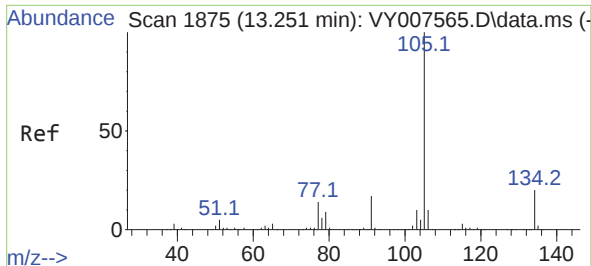
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 47.566 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

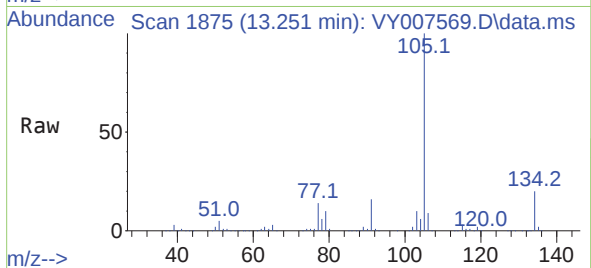
Tgt Ion:105 Resp: 212345
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 48.252 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19

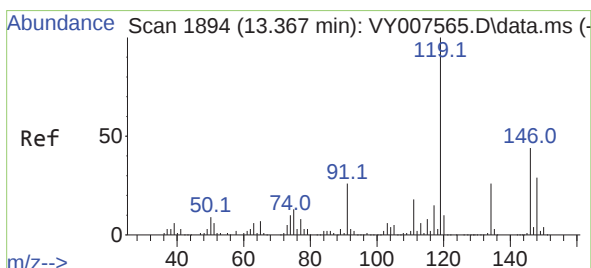
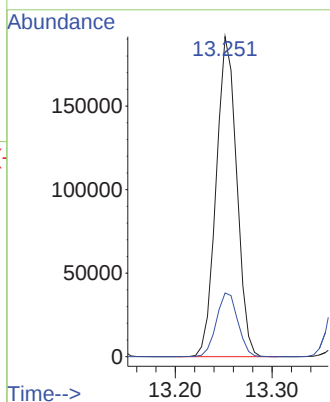
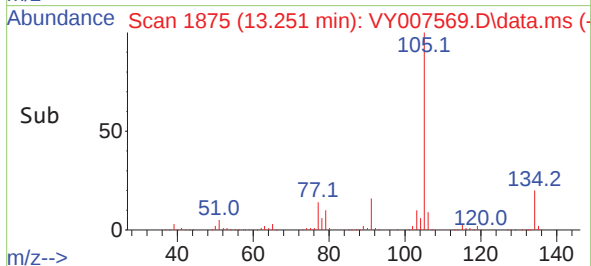
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022122



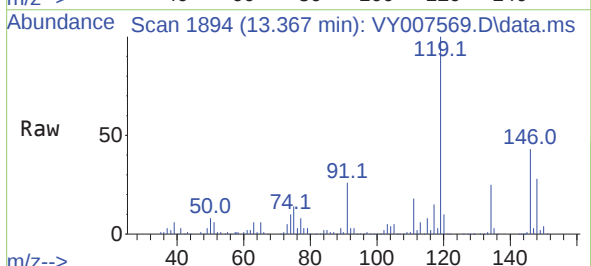
Tgt Ion:105 Resp: 281776
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4

Manual Integrations
 APPROVED

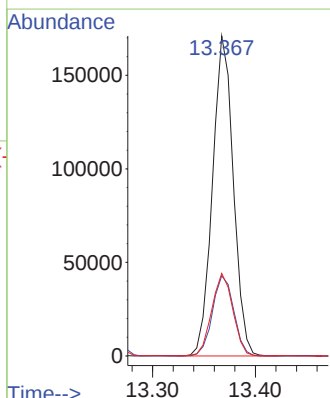
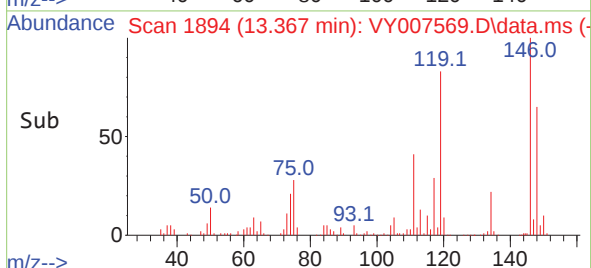
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

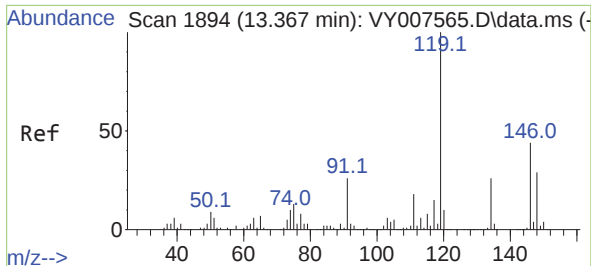


#86
 p-Isopropyltoluene
 Concen: 48.893 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007569.D
 Acq: 21 Feb 2022 16:19



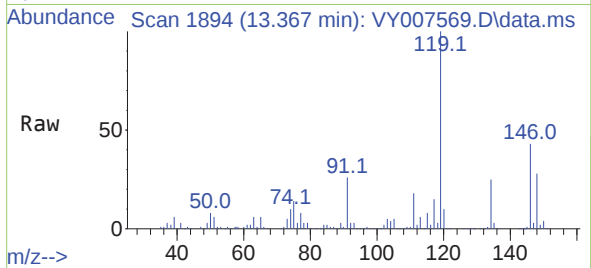
Tgt Ion:119 Resp: 240447
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 26.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.502 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

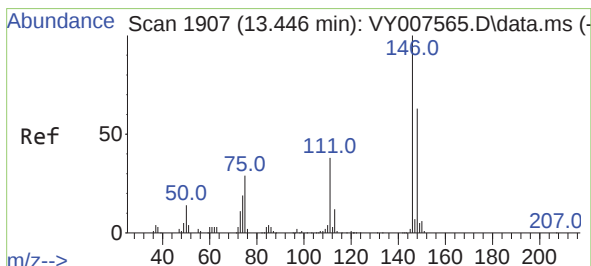
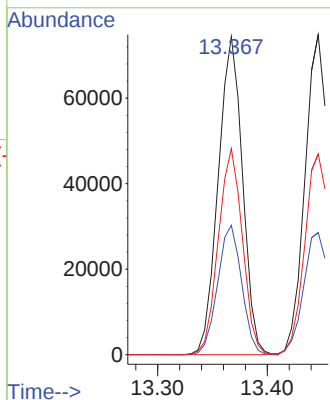
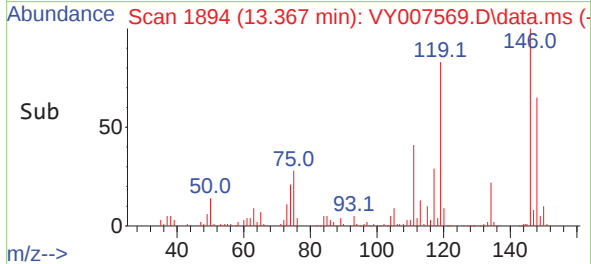
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



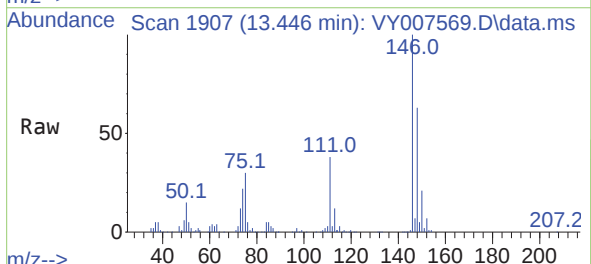
Tgt Ion:146 Resp: 114629
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 64.3 31.6 95.0

Manual Integrations
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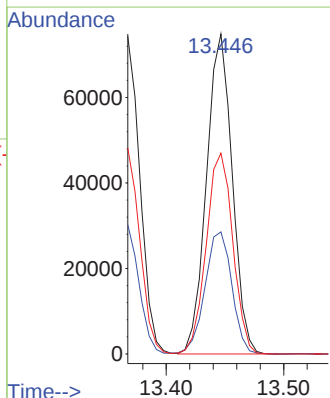
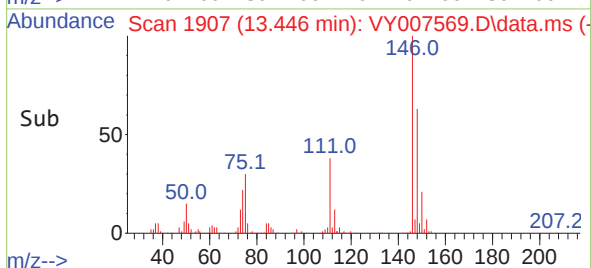
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

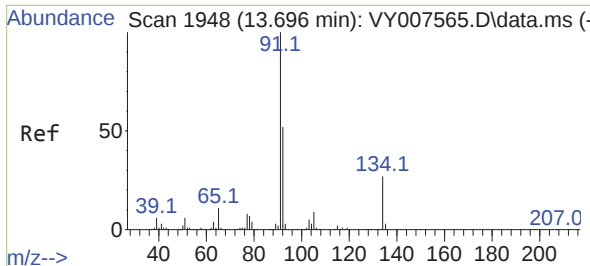


#88
1,4-Dichlorobenzene
Concen: 47.499 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion:146 Resp: 114183
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.8
148 64.9 32.6 97.8





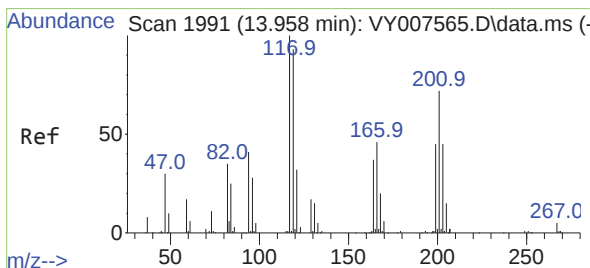
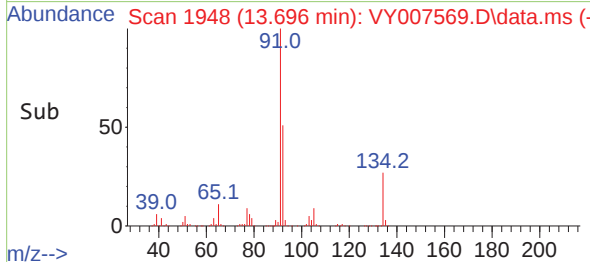
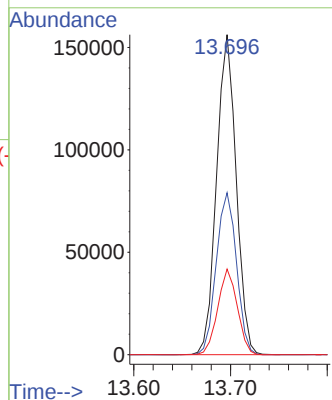
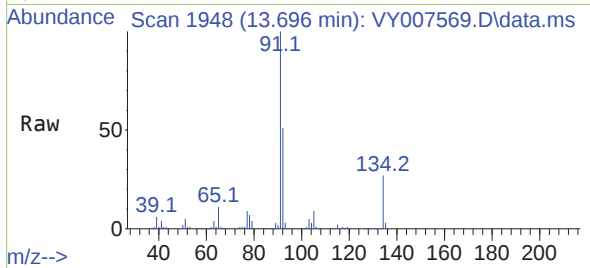
#89
n-Butylbenzene
Concen: 48.942 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion: 91 Resp: 21982
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 26.7 13.0 38.9

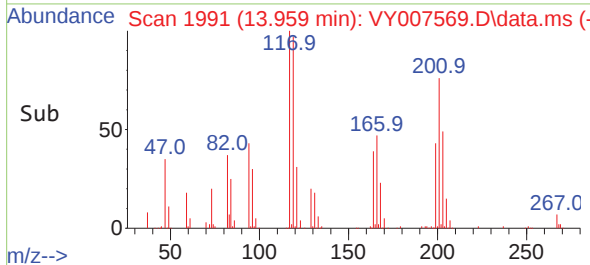
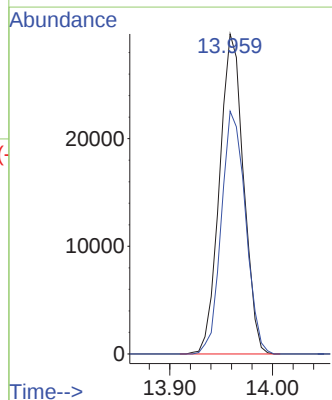
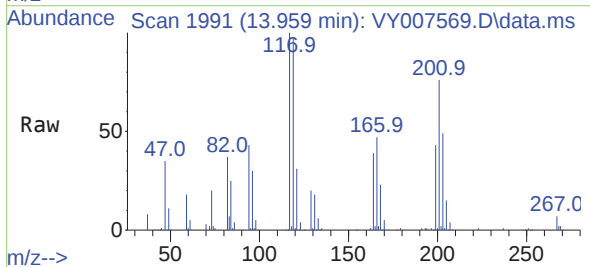
Manual Integrations
APPROVED

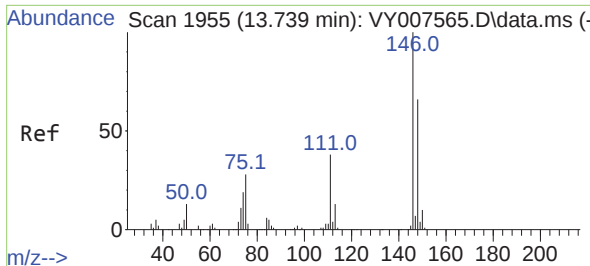
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 49.526 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Tgt Ion:117 Resp: 48229
Ion Ratio Lower Upper
117 100
201 76.4 43.0 128.8





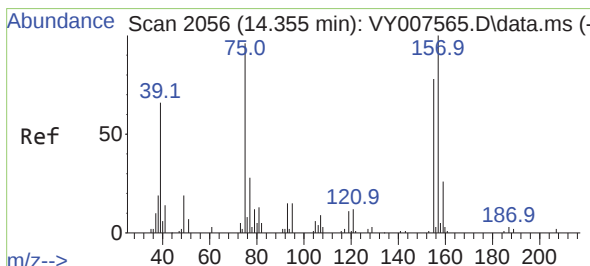
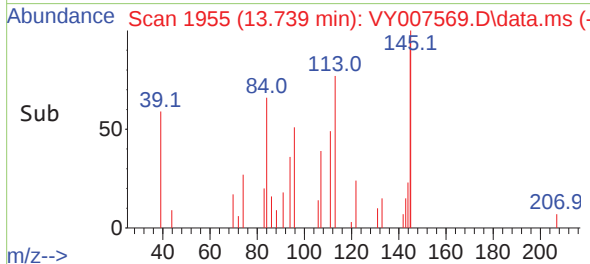
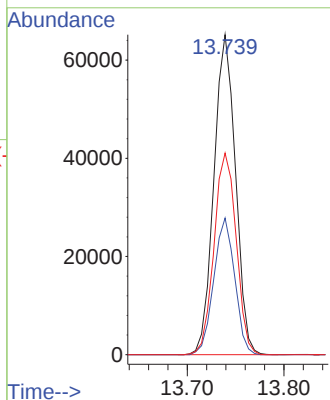
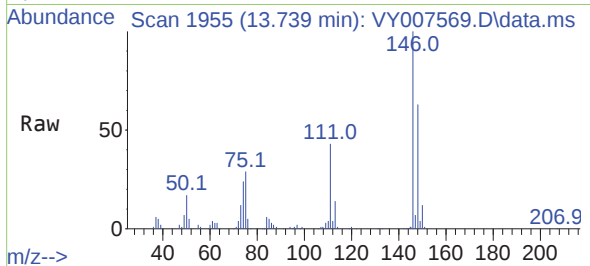
#91
1,2-Dichlorobenzene
Concen: 46.788 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122

Tgt Ion:146 Resp: 10099
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.9
148 64.7 32.3 96.9

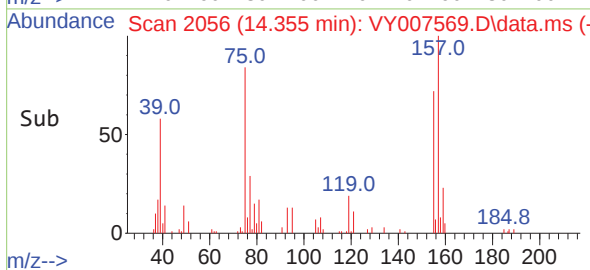
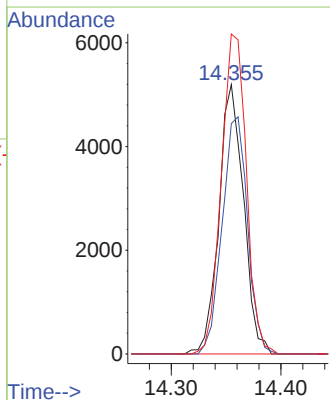
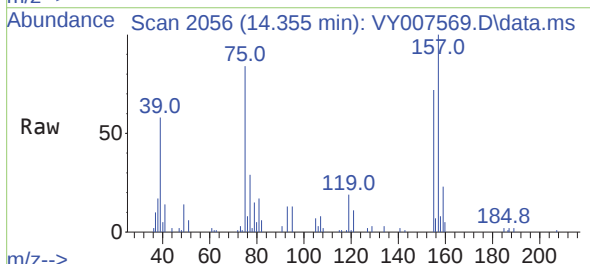
Manual Integrations
APPROVED

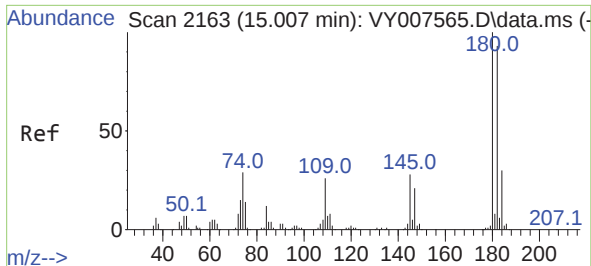
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.375 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

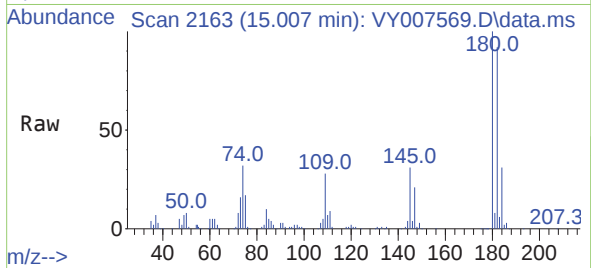
Tgt Ion: 75 Resp: 8104
Ion Ratio Lower Upper
75 100
155 90.4 38.0 113.9
157 120.8 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 48.881 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

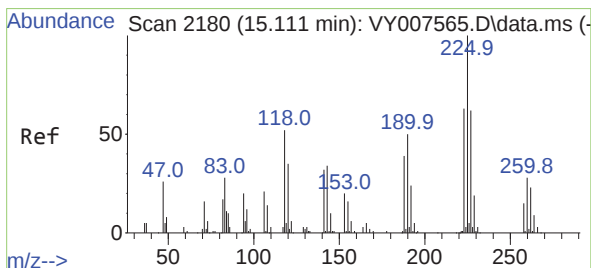
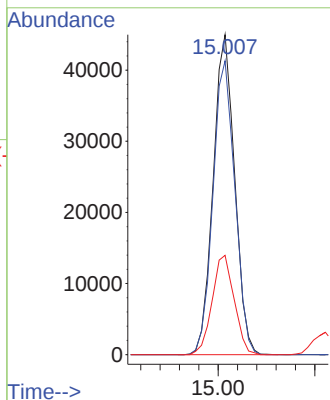
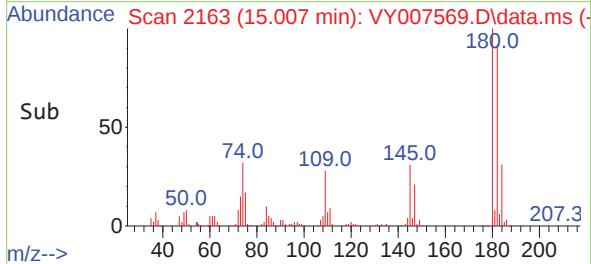
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022122



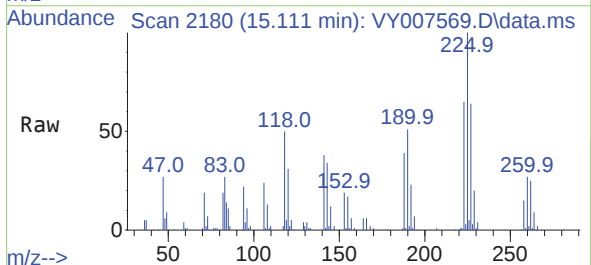
Tgt Ion:180 Resp: 6935
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 31.9 14.6 43.8

Manual Integrations
APPROVED

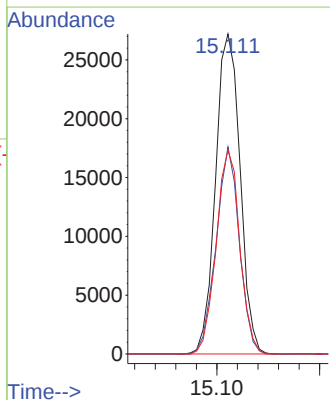
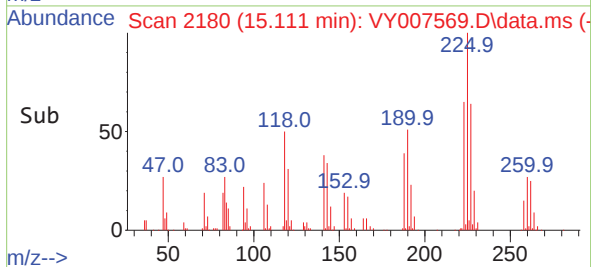
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

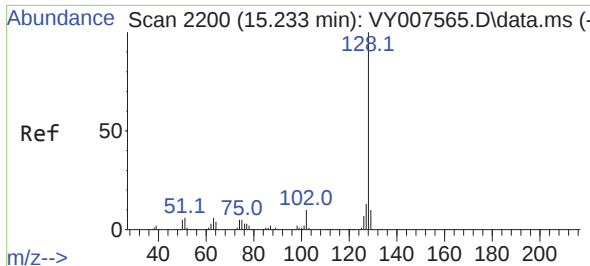


#94
Hexachlorobutadiene
Concen: 52.511 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



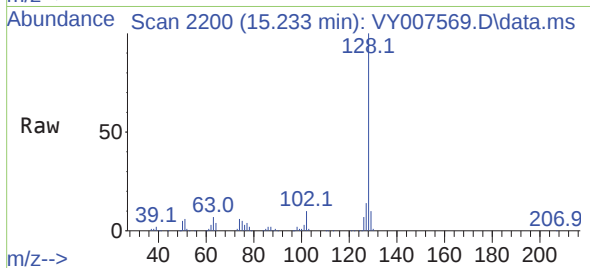
Tgt Ion:225 Resp: 44924
Ion Ratio Lower Upper
225 100
223 61.2 30.8 92.3
227 61.4 31.6 94.7





#95
Naphthalene
Concen: 46.505 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19

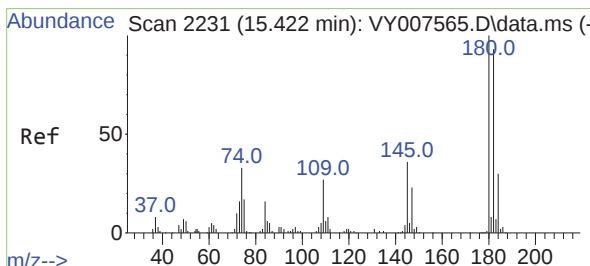
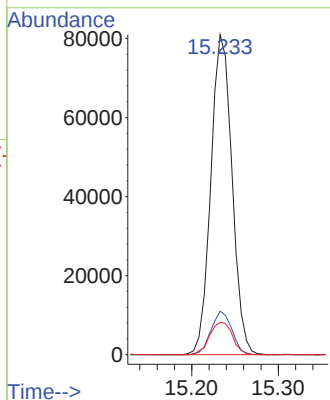
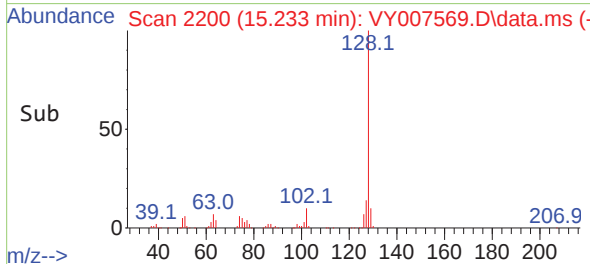
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022122



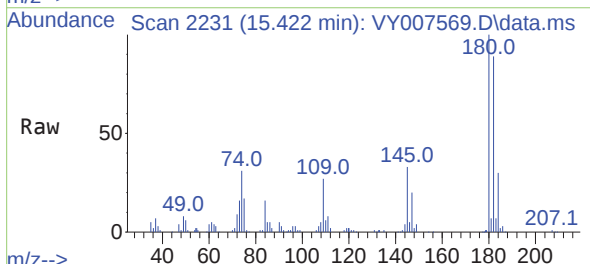
Tgt Ion:128 Resp: 137454
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.736 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007569.D
Acq: 21 Feb 2022 16:19



Tgt Ion:180 Resp: 61294
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.9
145 33.5 15.3 45.9

