

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
 Data File : VY007656.D
 Acq On : 28 Feb 2022 17:50
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 07:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 07:02:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	370934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	580051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	519791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	260182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82209	19.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.680%#		
35) Dibromofluoromethane	7.716	113	78353	21.041	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.080%#		
50) Toluene-d8	10.179	98	290045	22.265	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	44.540%#		
62) 4-Bromofluorobenzene	12.477	95	93070	19.584	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56161	12.973	ug/l	94
3) Chloromethane	2.113	50	93264	19.094	ug/l	95
4) Vinyl Chloride	2.253	62	111201	19.891	ug/l	96
5) Bromomethane	2.643	94	95453	23.528	ug/l	97
6) Chloroethane	2.790	64	87471	23.897	ug/l	96
7) Trichlorofluoromethane	3.125	101	125671	12.699	ug/l	92
8) Diethyl Ether	3.527	74	42033	16.135	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	77060	17.229	ug/l	92
10) Methyl Iodide	4.088	142	91856	17.138	ug/l	93
11) Tert butyl alcohol	4.960	59	34439	83.870	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	67345	16.442	ug/l	91
13) Acrolein	3.735	56	41102	82.571	ug/l	100
14) Allyl chloride	4.479	41	102871	24.537	ug/l #	92
15) Acrylonitrile	5.161	53	108444	111.104	ug/l	99
16) Acetone	3.948	43	78730	85.019	ug/l	91
17) Carbon Disulfide	4.192	76	188272	18.121	ug/l	100
18) Methyl Acetate	4.472	43	54981	24.276	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	211023	18.507	ug/l	95
20) Methylene Chloride	4.710	84	84356	16.387	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	79441	18.757	ug/l	85
22) Diisopropyl ether	6.112	45	242672	26.336	ug/l	95
23) Vinyl Acetate	6.058	43	782941	121.315	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	145707	22.171	ug/l	97
25) 2-Butanone	6.990	43	135811	118.108	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	130454	18.393	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	92134	18.696	ug/l	90
28) Bromochloromethane	7.332	49	60592	25.512	ug/l	90
29) Tetrahydrofuran	7.344	42	93489	133.397	ug/l #	85
30) Chloroform	7.508	83	148192	18.281	ug/l	94
31) Cyclohexane	7.783	56	130716	22.675	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	130074	16.415	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111921	20.303	ug/l	99
37) Ethyl Acetate	7.070	43	65311	24.716	ug/l	98
38) Carbon Tetrachloride	7.899	117	117922	15.455	ug/l	97
39) Methylcyclohexane	9.179	83	139614	19.800	ug/l	90
40) Benzene	8.155	78	317510	20.212	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32304m	23.163	ug/l	
42) 1,2-Dichloroethane	8.234	62	100952	18.141	ug/l	95
43) Isopropyl Acetate	8.271	43	120433	22.974	ug/l #	90
44) Trichloroethene	8.941	130	88292	17.212	ug/l	96
45) 1,2-Dichloropropane	9.215	63	82824	23.817	ug/l	99
46) Dibromomethane	9.301	93	49653	17.879	ug/l	97
47) Bromodichloromethane	9.496	83	114273	18.155	ug/l	97
48) Methyl methacrylate	9.295	41	53353	23.972	ug/l #	86
49) 1,4-Dioxane	9.301	88	12090	342.340	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	325186	121.286	ug/l	90
52) Toluene	10.240	92	199004	18.657	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	119377	18.536	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	132032	19.469	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	68237	18.651	ug/l	94
56) Ethyl methacrylate	10.508	69	90638	20.482	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	117232	20.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	237401	108.842	ug/l	98
59) 2-Hexanone	10.831	43	218894	114.989	ug/l	90
60) Dibromochloromethane	10.983	129	79477	16.556	ug/l	100
61) 1,2-Dibromoethane	11.087	107	64230	17.722	ug/l	98
64) Tetrachloroethene	10.715	164	73180	15.961	ug/l	93
65) Chlorobenzene	11.514	112	218657	18.826	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	79439	17.415	ug/l	97
67) Ethyl Benzene	11.593	91	385998	19.535	ug/l	97
68) m/p-Xylenes	11.697	106	298418	38.440	ug/l	92
69) o-Xylene	12.026	106	139392	18.376	ug/l	94
70) Styrene	12.038	104	234814	18.458	ug/l	95
71) Bromoform	12.203	173	50598	16.793	ug/l #	98
73) Isopropylbenzene	12.325	105	379864	18.548	ug/l	99
74) N-amyl acetate	12.142	43	103915	24.402	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	84190	21.975	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	56602m	20.864	ug/l	
77) Bromobenzene	12.605	156	88050	16.858	ug/l	94
78) n-propylbenzene	12.666	91	462000	19.367	ug/l	100
79) 2-Chlorotoluene	12.751	91	246445	18.609	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	304862	17.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	26934	21.075	ug/l	91
82) 4-Chlorotoluene	12.855	91	253794	18.852	ug/l	96
83) tert-Butylbenzene	13.075	119	279453	18.034	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	301142	17.817	ug/l	98
85) sec-Butylbenzene	13.251	105	416383	18.845	ug/l	99
86) p-Isopropyltoluene	13.367	119	339809	18.047	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	176975	18.060	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	175648	18.277	ug/l	99
89) n-Butylbenzene	13.690	91	325330	19.024	ug/l	99
90) Hexachloroethane	13.959	117	63499	16.987	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	155439	17.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12805	17.818	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	99789	16.440	ug/l	98
94) Hexachlorobutadiene	15.111	225	58670	17.310	ug/l	99
95) Naphthalene	15.233	128	210824	16.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90443	17.225	ug/l	100

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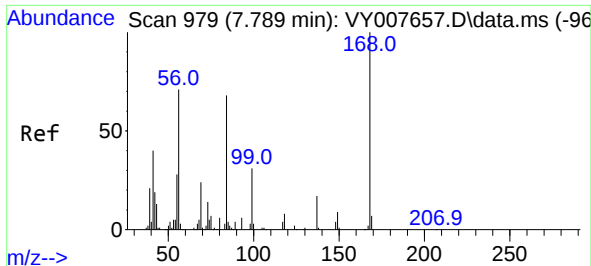
Manual Integrations
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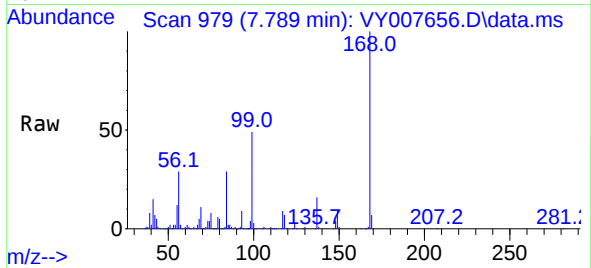
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007656.D
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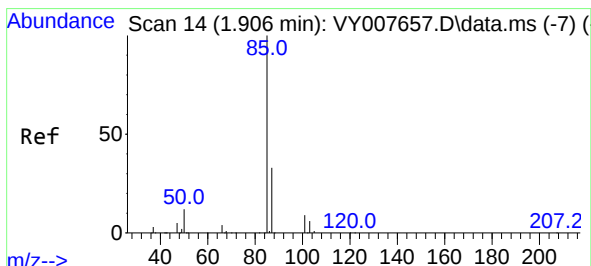
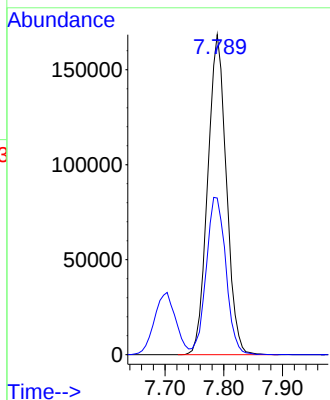
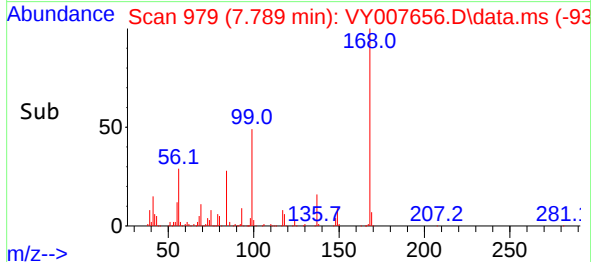
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



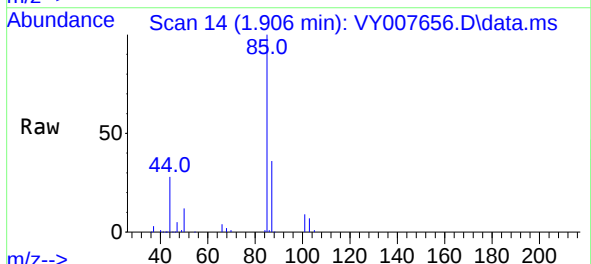
Tgt Ion:168 Resp: 370934
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3

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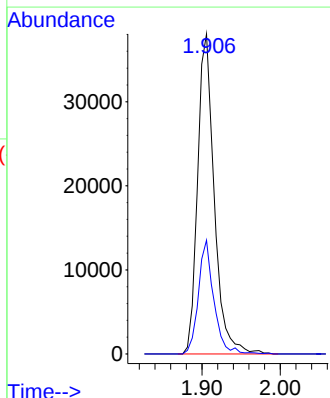
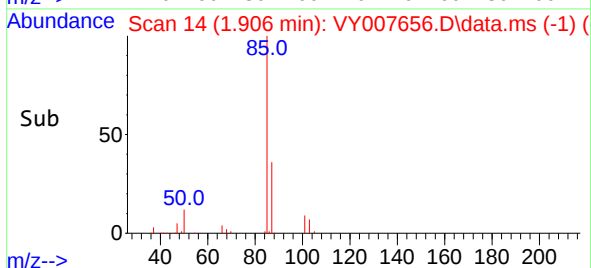
Reviewed By :John Carlone 03/01/2022
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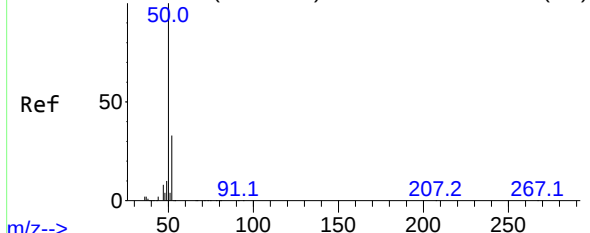
#2
Dichlorodifluoromethane
Concen: 12.973 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion: 85 Resp: 56161
Ion Ratio Lower Upper
85 100
87 35.5 16.1 48.2



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: 19.094 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 93264

Ion Ratio Lower Upper

50 100

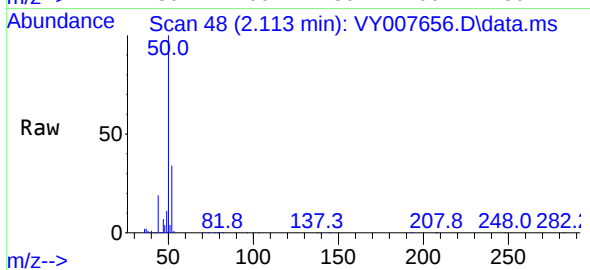
52 33.6 24.6 37.0

Manual Integrations

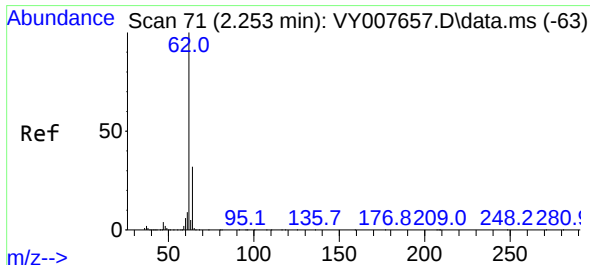
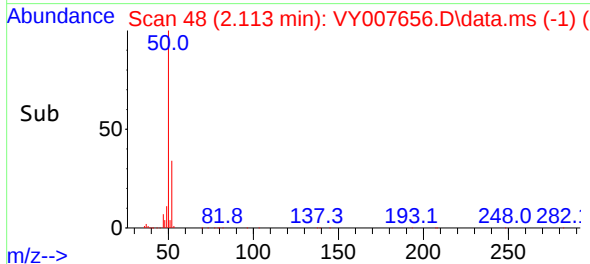
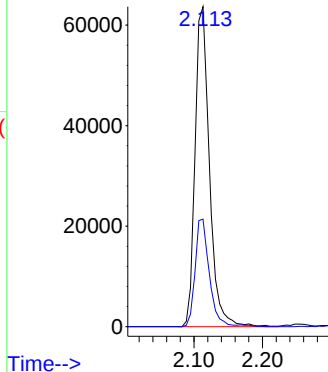
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Abundance



#4

Vinyl Chloride

Concen: 19.891 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY007656.D

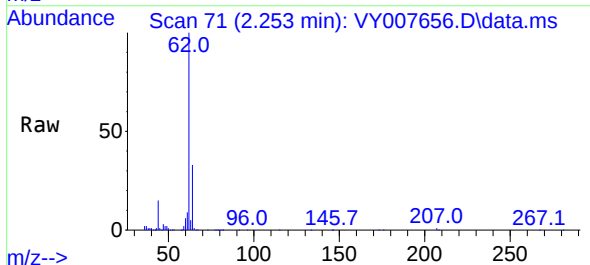
Acq: 28 Feb 2022 17:50

Tgt Ion: 62 Resp: 111201

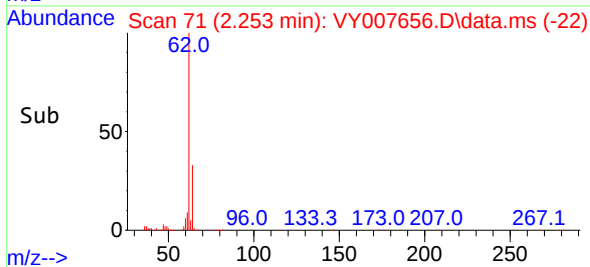
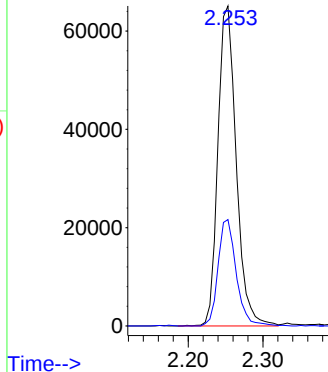
Ion Ratio Lower Upper

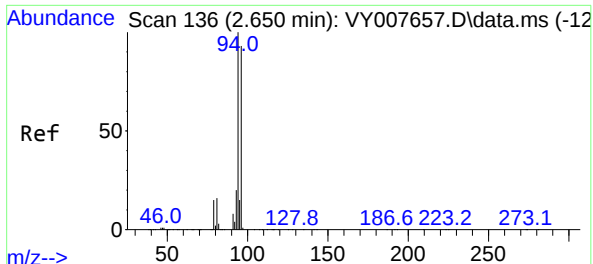
62 100

64 33.2 25.0 37.6



Abundance





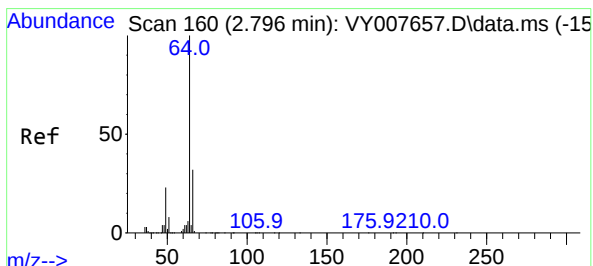
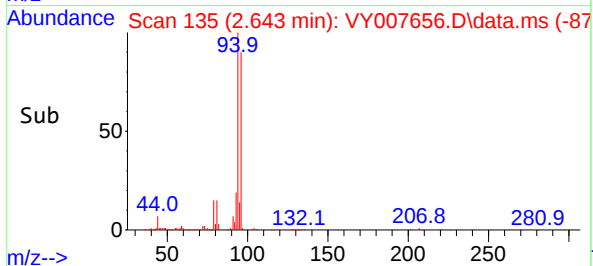
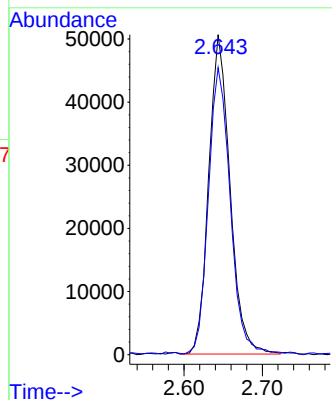
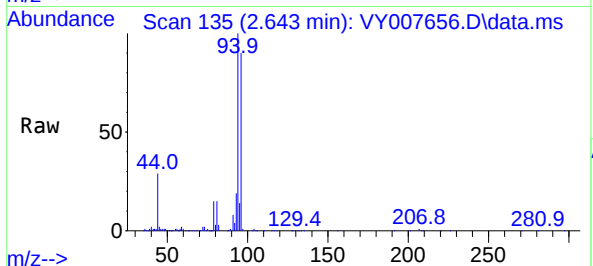
#5
Bromomethane
Concen: 23.528 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007656.D
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Tgt Ion: 94 Resp: 9545
Ion Ratio Lower Upper
94 100
96 89.4 73.5 110.3

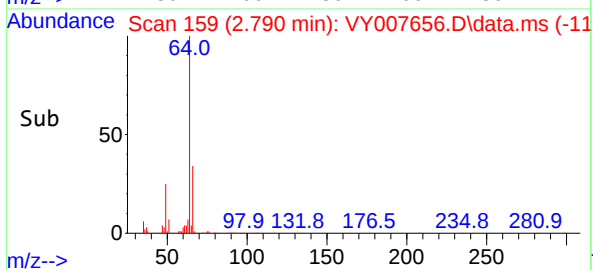
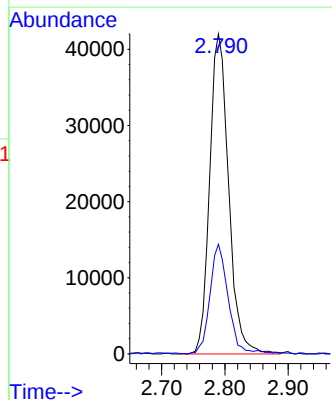
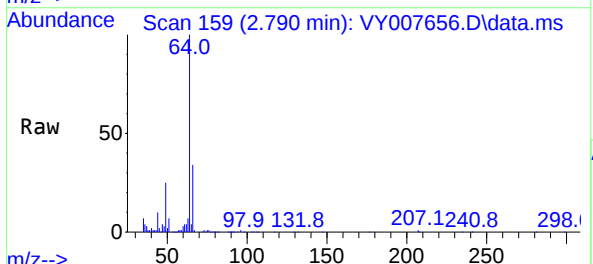
Manual Integrations
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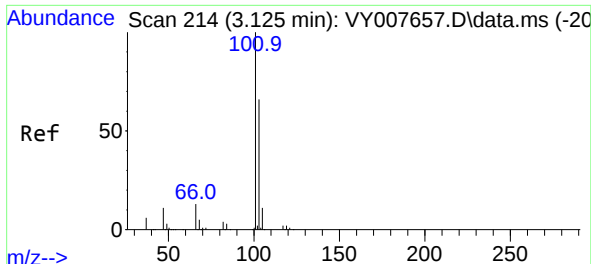
Reviewed By :John Carlone 03/01/2022
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#6
Chloroethane
Concen: 23.897 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007656.D
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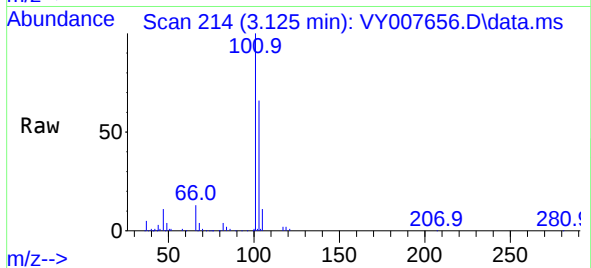
Tgt Ion: 64 Resp: 87471
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.0





#7
Trichlorofluoromethane
Concen: 12.699 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

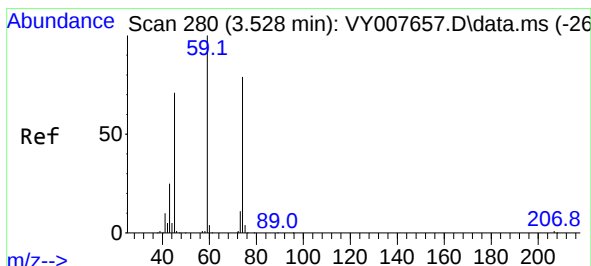
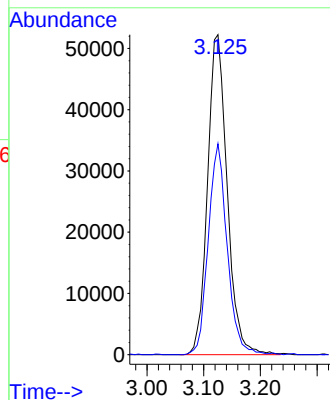
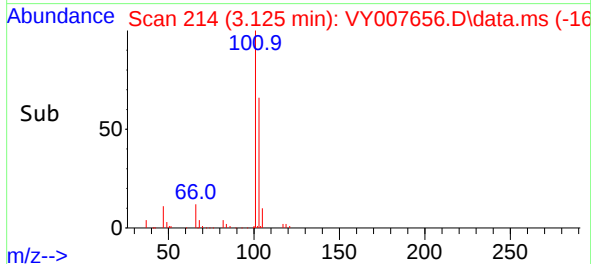
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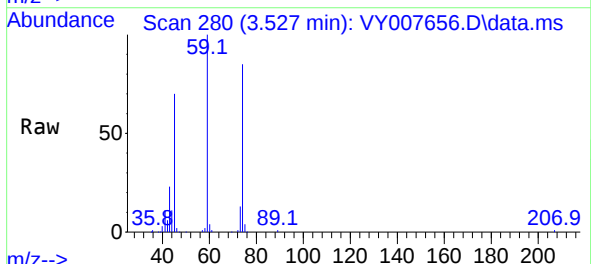
Tgt Ion:101 Resp: 12567
Ion Ratio Lower Upper
101 100
103 65.9 48.0 72.0

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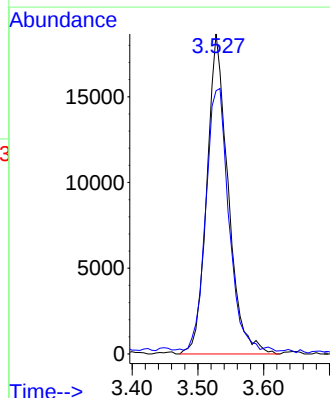
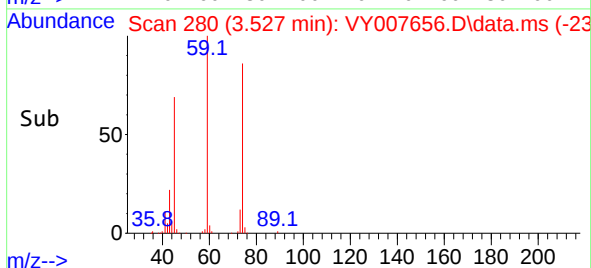
Reviewed By :John Carlone 03/01/2022
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#8
Diethyl Ether
Concen: 16.135 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 42033
Ion Ratio Lower Upper
74 100
45 87.7 55.1 165.5





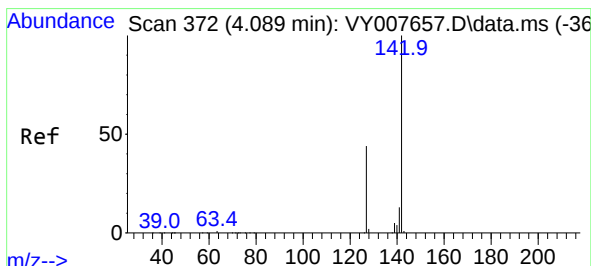
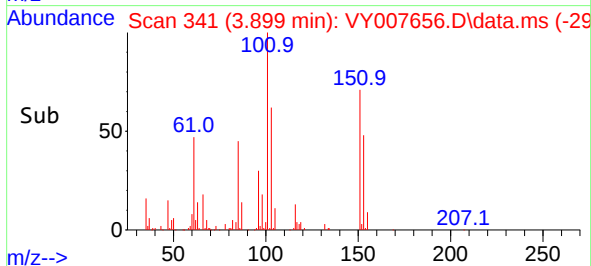
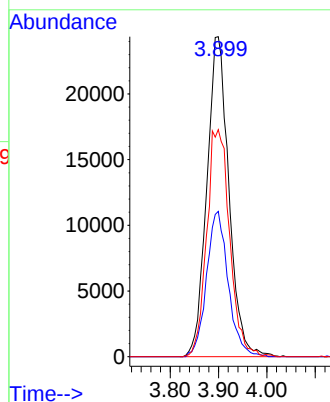
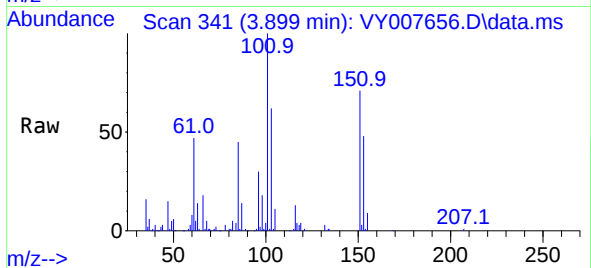
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.229 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 77060
Ion Ratio Lower Upper
101 100
85 44.7 40.6 60.8
151 73.7 64.9 97.3

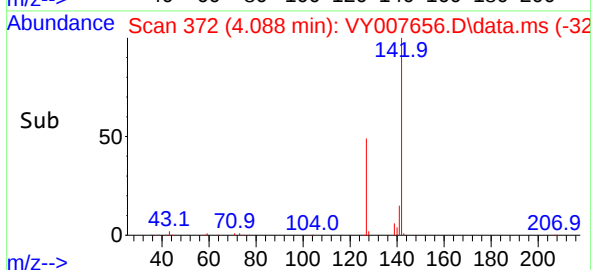
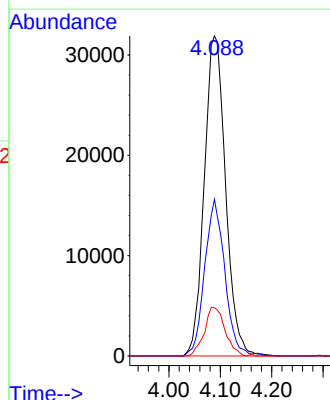
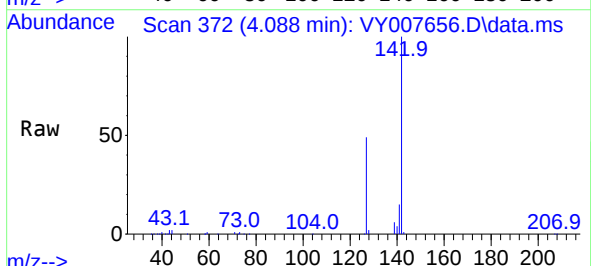
Manual Integrations
APPROVED

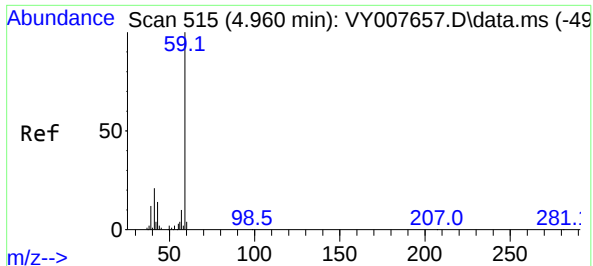
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#10
Methyl Iodide
Concen: 17.138 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

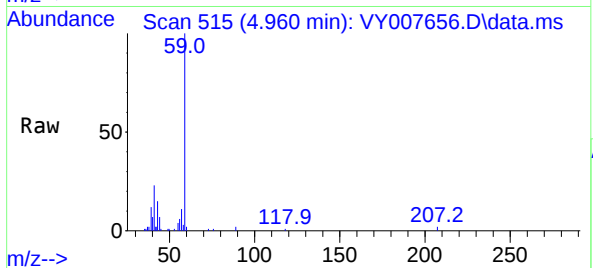
Tgt Ion:142 Resp: 91856
Ion Ratio Lower Upper
142 100
127 46.0 41.5 62.3
141 14.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 83.870 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

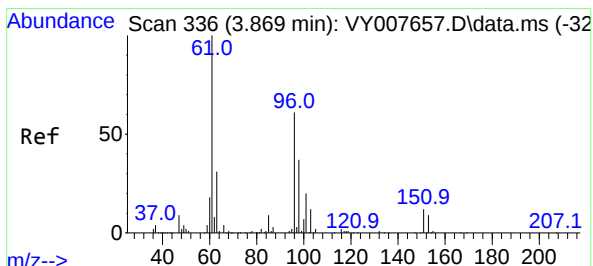
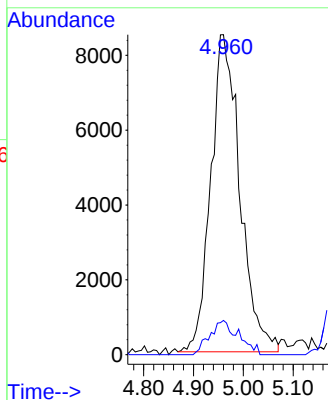
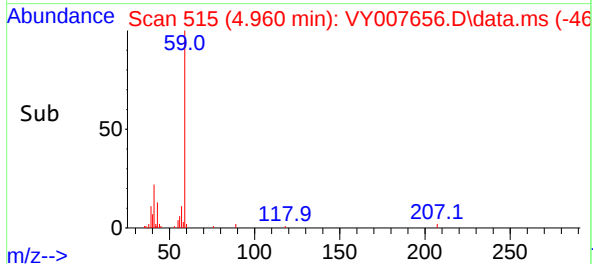
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



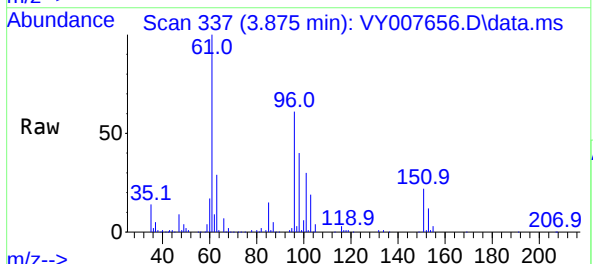
Tgt Ion: 59 Resp: 34439
Ion Ratio Lower Upper
59 100
57 10.7 6.4 9.6

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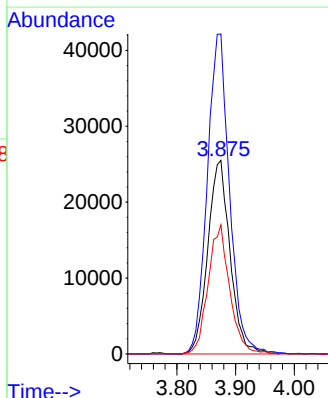
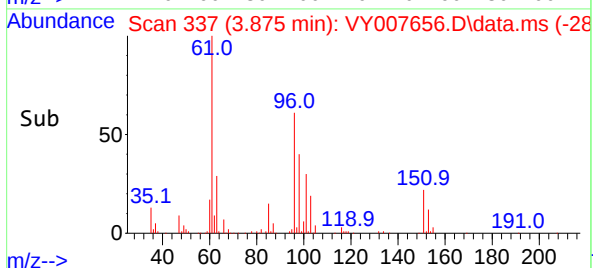
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

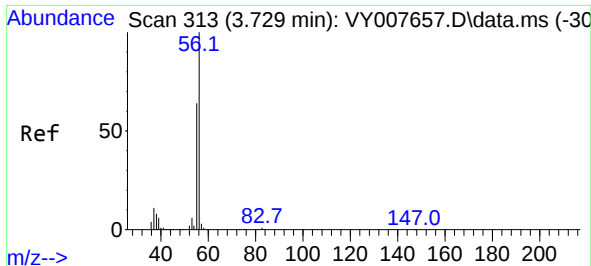


#12
1,1-Dichloroethene
Concen: 16.442 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion: 96 Resp: 67345
Ion Ratio Lower Upper
96 100
61 165.3 145.8 218.6
98 66.7 52.5 78.7





#13

Acrolein

Concen: 82.571 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 41102

Ion Ratio Lower Upper

56 100

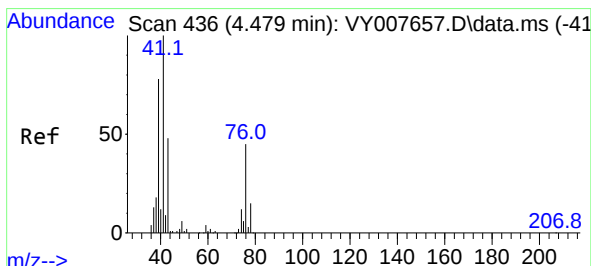
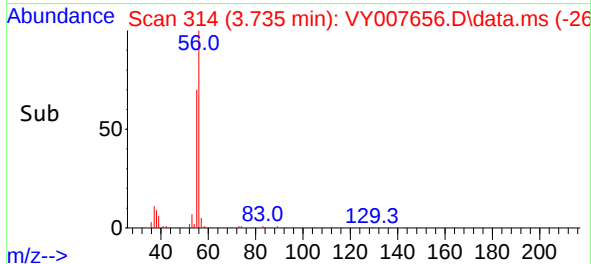
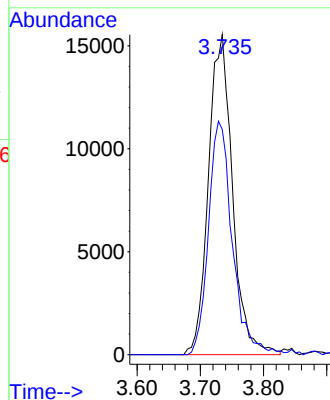
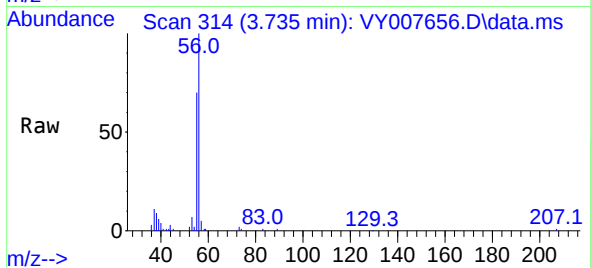
55 72.4 57.6 86.4

Manual Integrations

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Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#14

Allyl chloride

Concen: 24.537 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

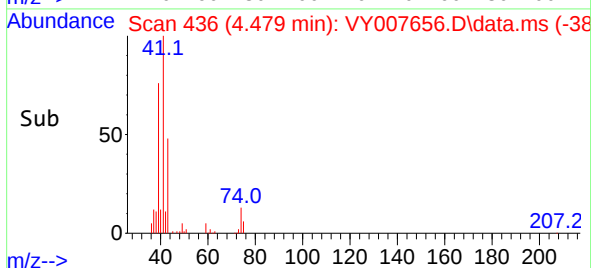
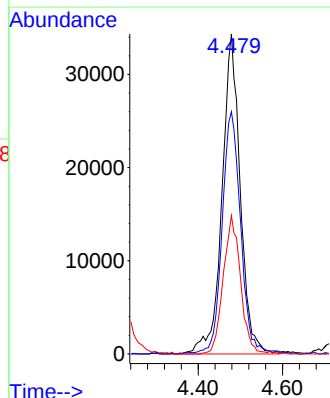
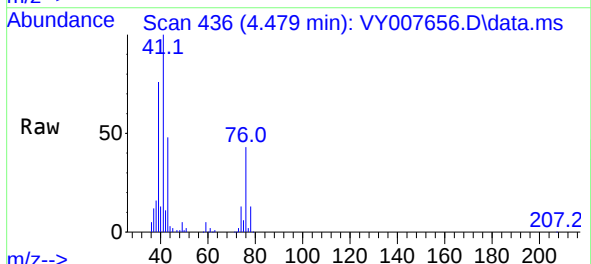
Tgt Ion: 41 Resp: 102871

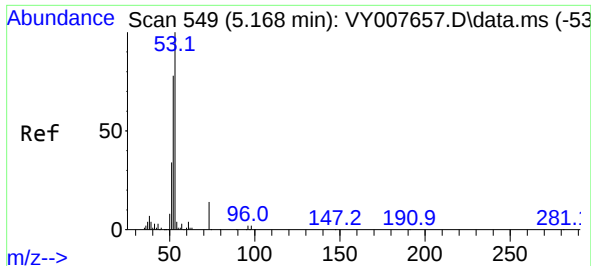
Ion Ratio Lower Upper

41 100

39 76.6 58.8 88.2

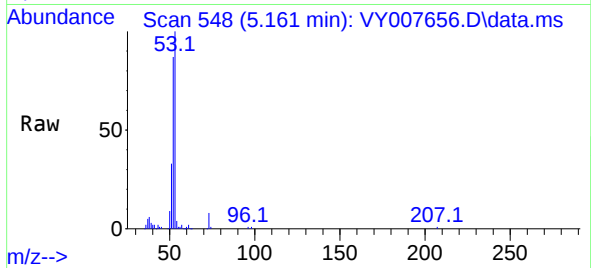
76 40.8 25.1 37.7#





#15
Acrylonitrile
Concen: 111.104 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

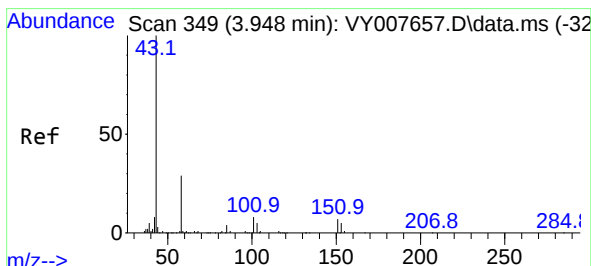
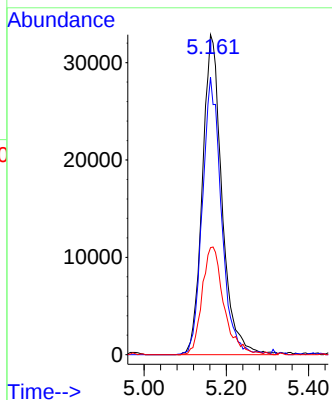
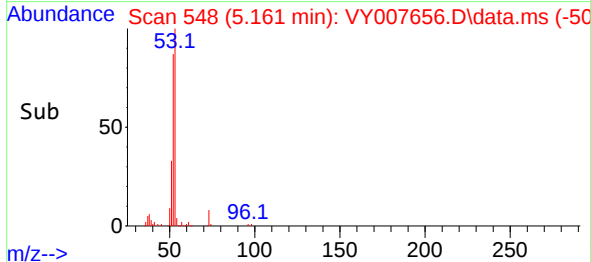
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



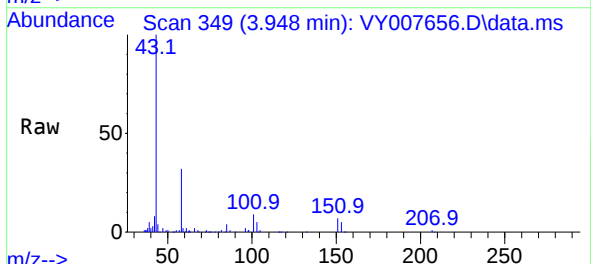
Tgt Ion: 53 Resp: 10844
Ion Ratio Lower Upper
53 100
52 84.3 67.0 100.4
51 37.4 29.8 44.6

Manual Integrations
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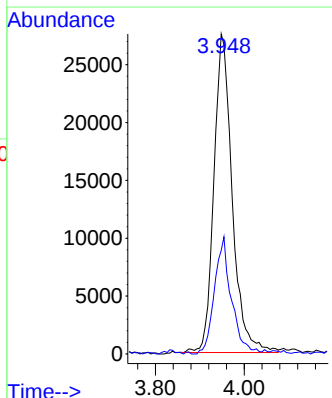
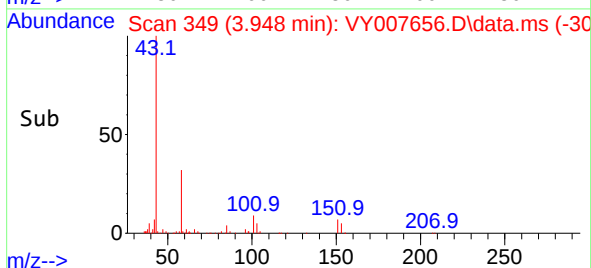
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

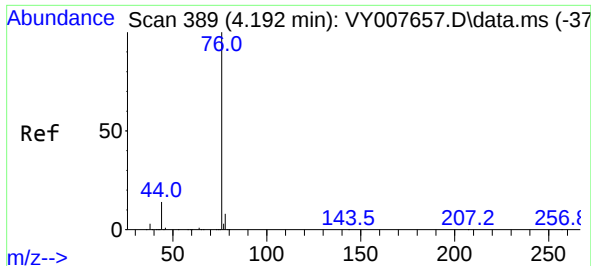


#16
Acetone
Concen: 85.019 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



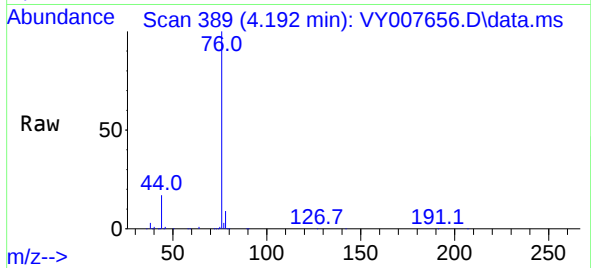
Tgt Ion: 43 Resp: 78730
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0





#17
Carbon Disulfide
Concen: 18.121 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

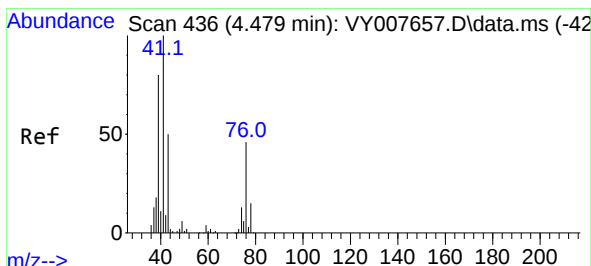
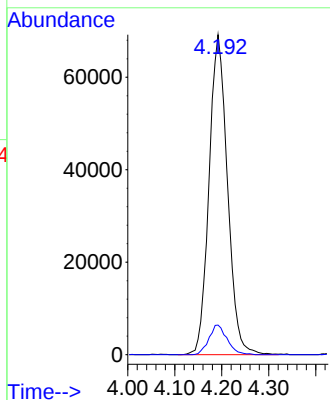
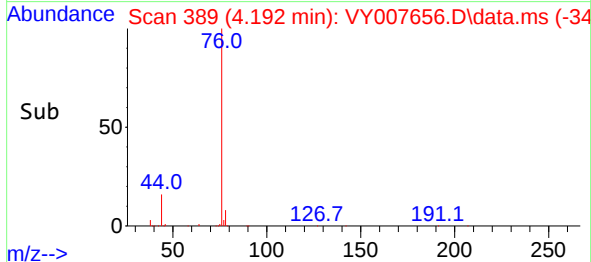
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



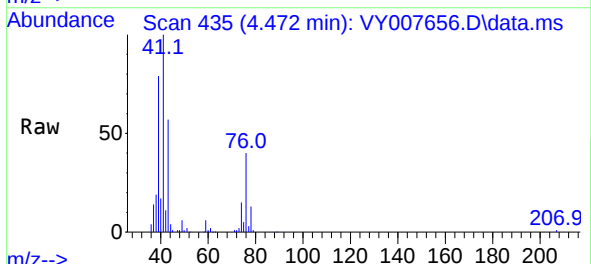
Tgt Ion: 76 Resp: 188272
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

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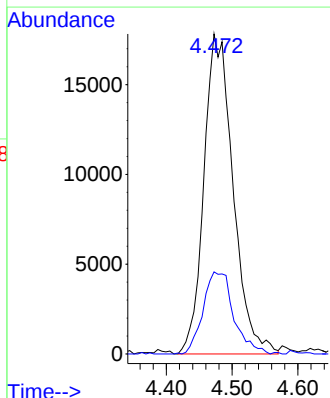
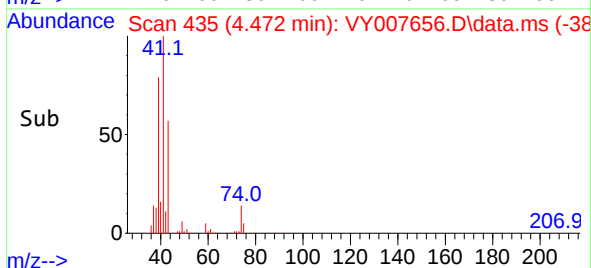
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

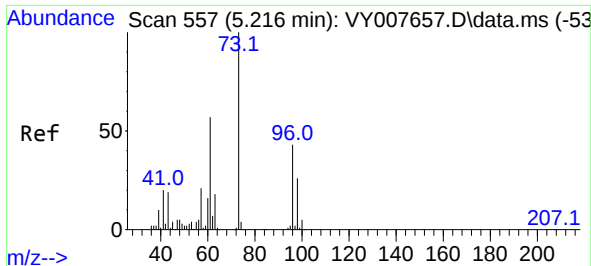


#18
Methyl Acetate
Concen: 24.276 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion: 43 Resp: 54981
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8





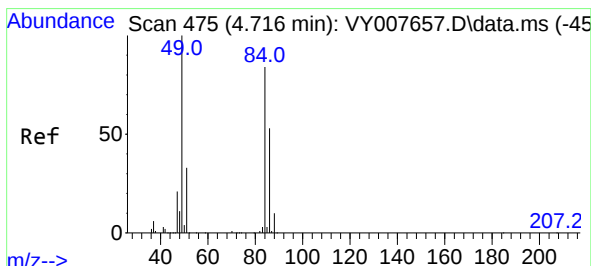
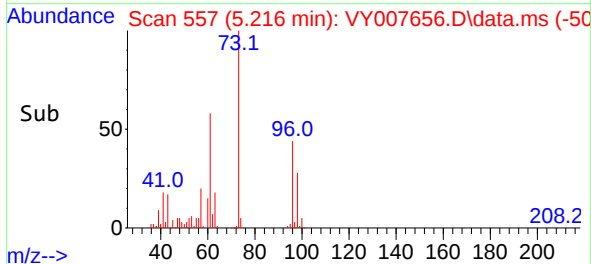
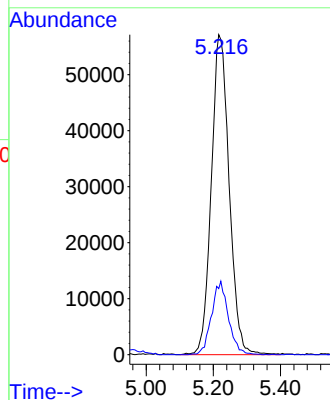
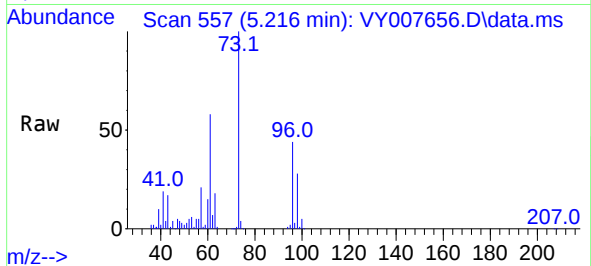
#19
Methyl tert-butyl Ether
Concen: 18.507 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 21102
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8

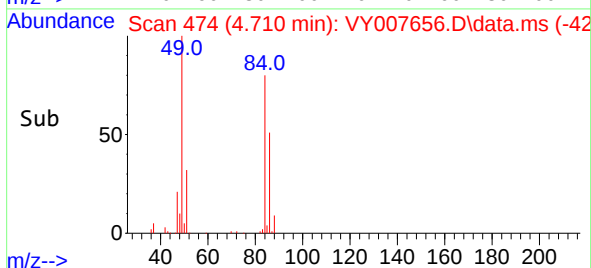
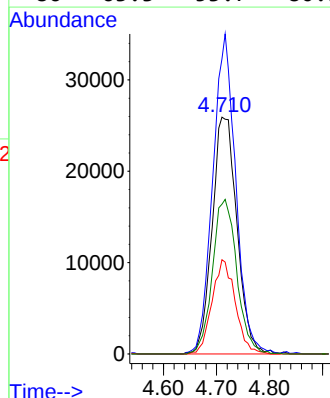
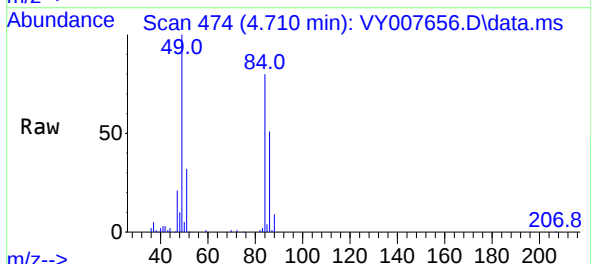
Manual Integrations
APPROVED

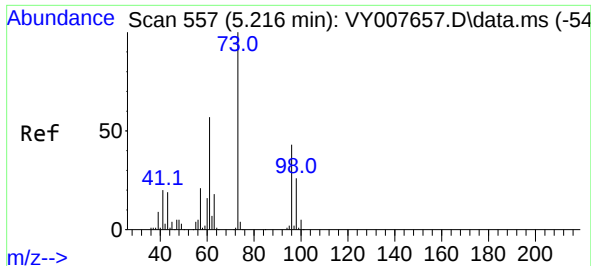
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#20
Methylene Chloride
Concen: 16.387 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion: 84 Resp: 84356
Ion Ratio Lower Upper
84 100
49 124.6 114.4 171.6
51 39.8 35.3 52.9
86 63.3 53.7 80.5





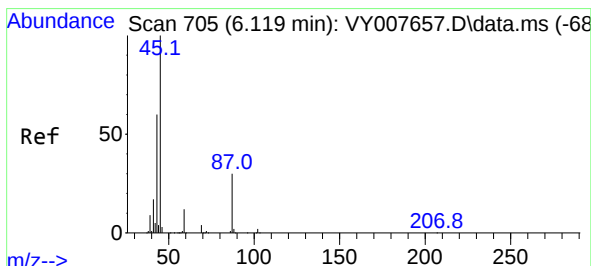
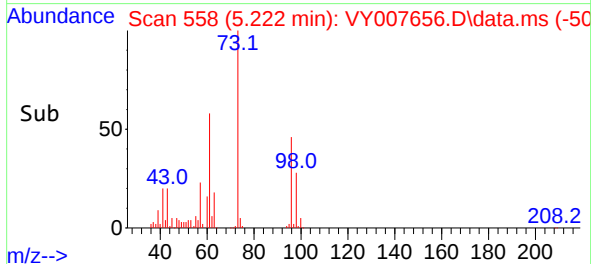
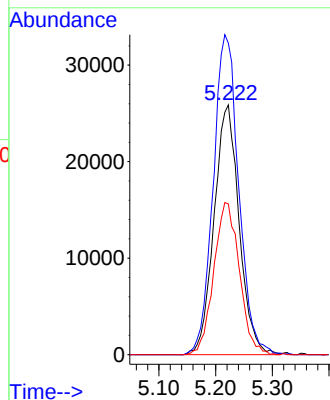
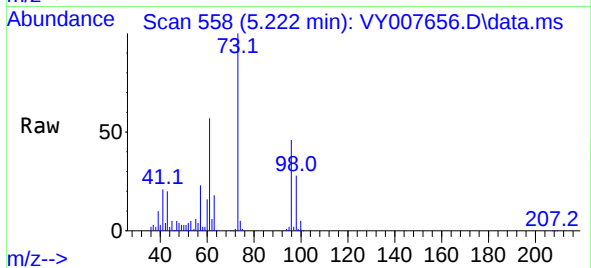
#21
trans-1,2-Dichloroethene
Concen: 18.757 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 7944
Ion Ratio Lower Upper
96 100
61 124.7 120.5 180.7
98 60.3 49.8 74.8

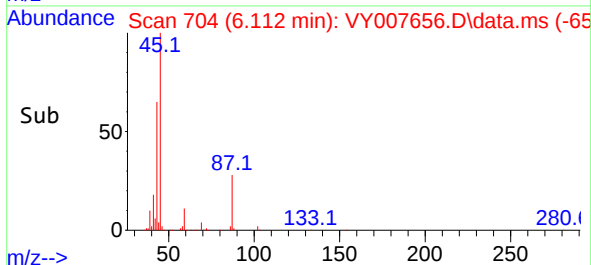
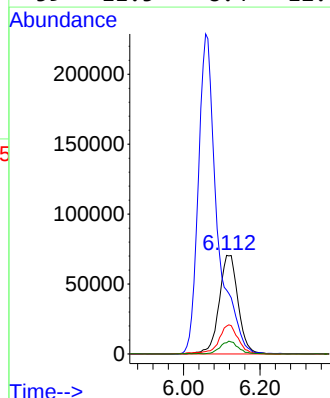
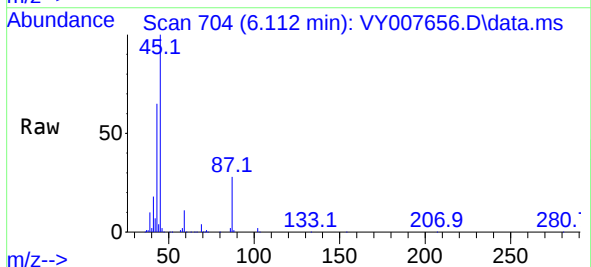
Manual Integrations
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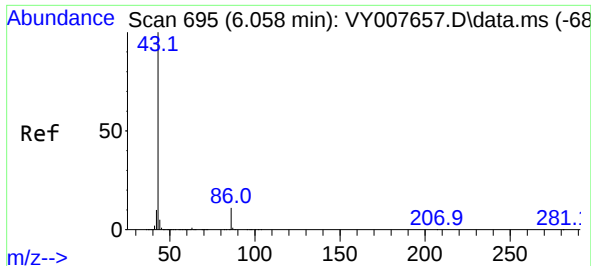
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#22
Diisopropyl ether
Concen: 26.336 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion: 45 Resp: 242672
Ion Ratio Lower Upper
45 100
43 64.3 49.3 73.9
87 28.2 19.2 28.8
59 11.5 8.4 12.6





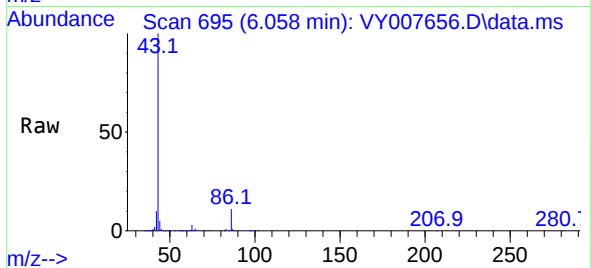
#23
 Vinyl Acetate
 Concen: 121.315 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

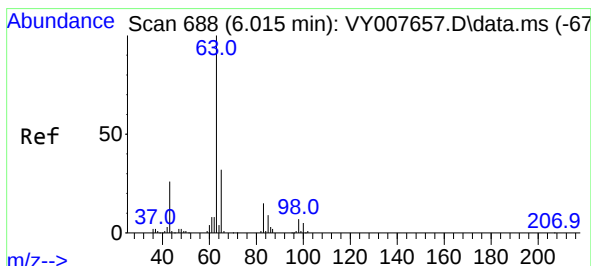
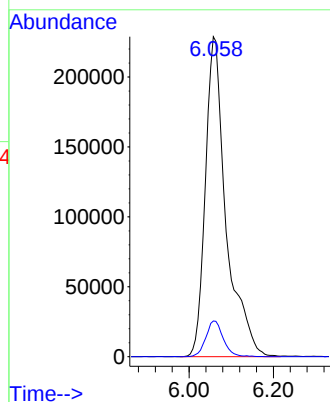
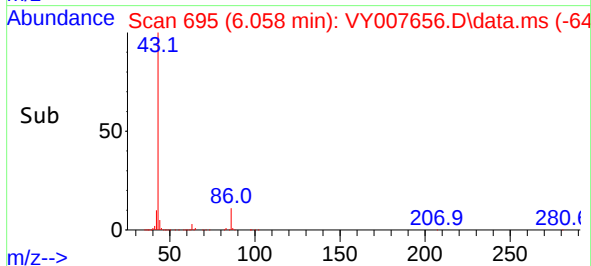


Tgt Ion: 43 Resp: 78294
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

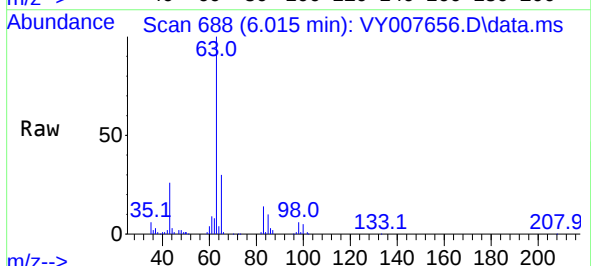
Manual Integrations

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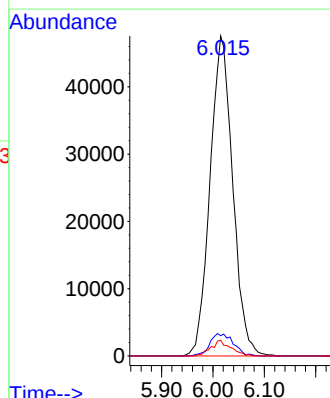
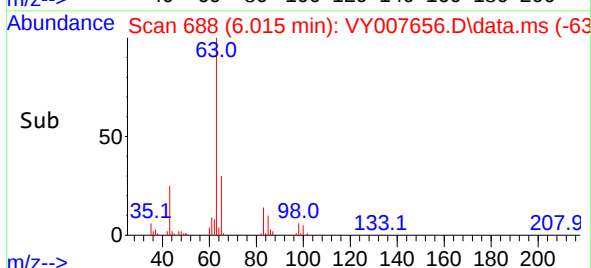
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

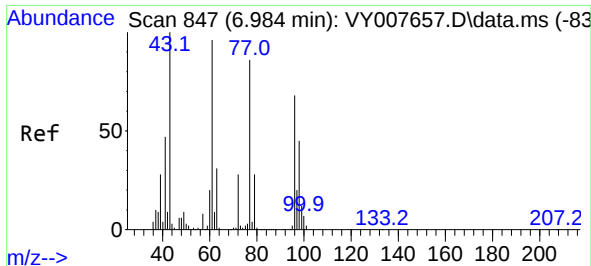


#24
 1,1-Dichloroethane
 Concen: 22.171 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50



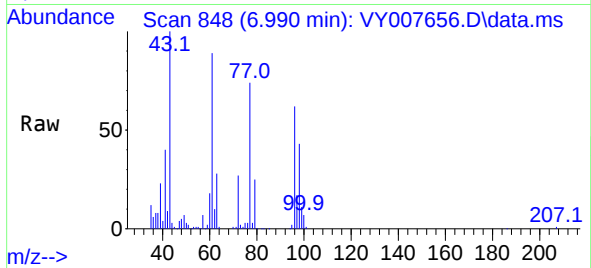
Tgt Ion: 63 Resp: 145707
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.9 2.0 5.8





#25
2-Butanone
Concen: 118.108 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

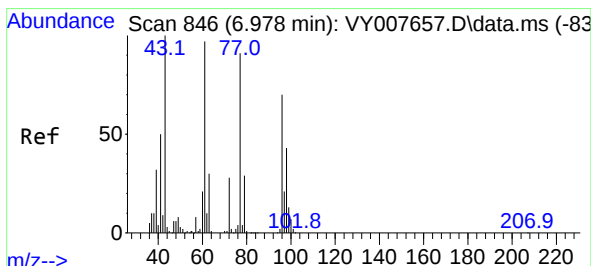
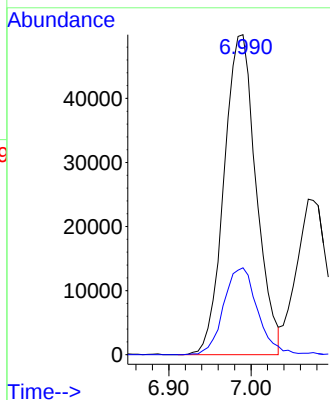
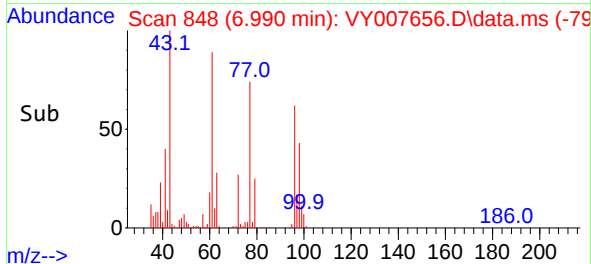
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 13581
Ion Ratio Lower Upper
43 100
72 27.2 17.7 26.5

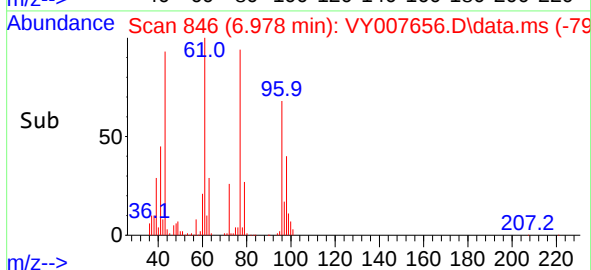
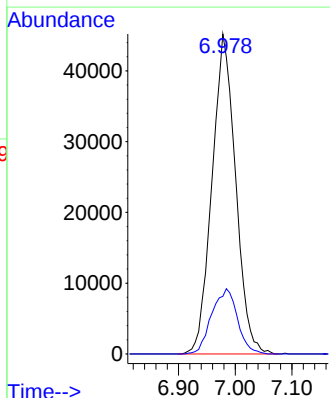
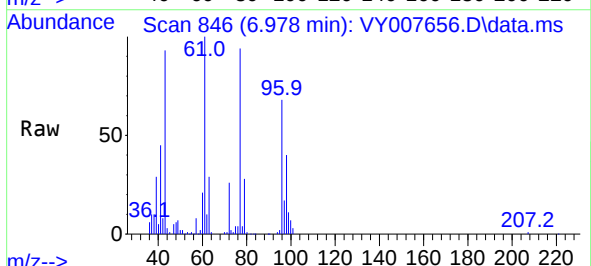
Manual Integrations
APPROVED

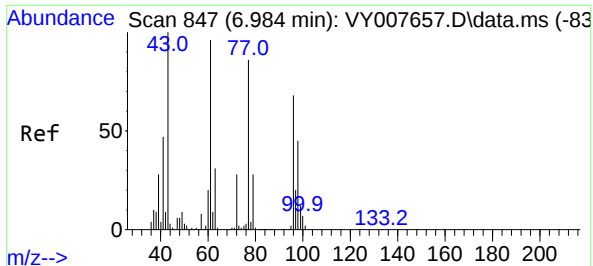
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#26
2,2-Dichloropropane
Concen: 18.393 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion: 77 Resp: 130454
Ion Ratio Lower Upper
77 100
97 22.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.696 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

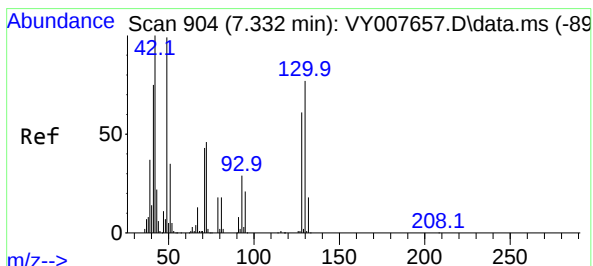
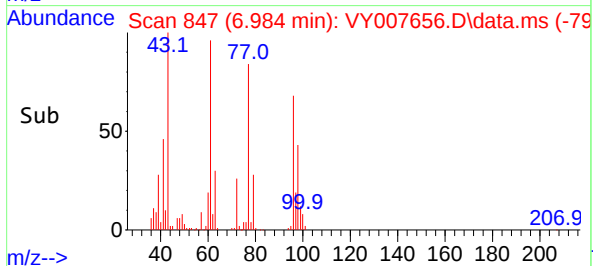
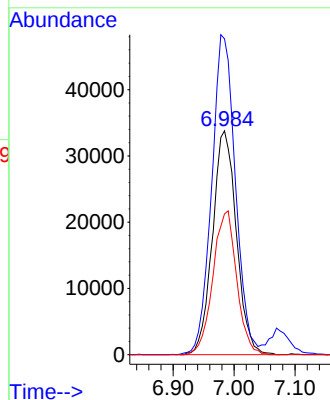
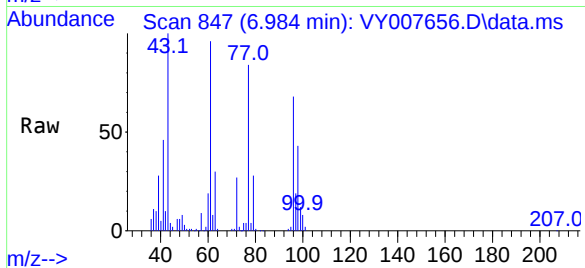
Tgt Ion:	96	Resp:	92134
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	319.8
98	63.8	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#28

Bromochloromethane

Concen: 25.512 ug/l

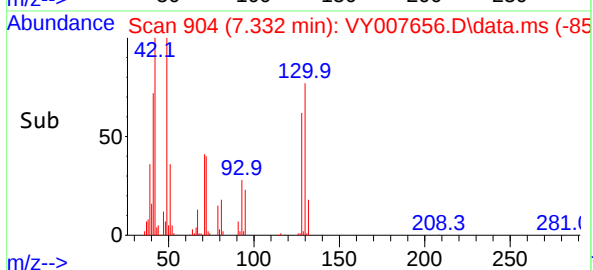
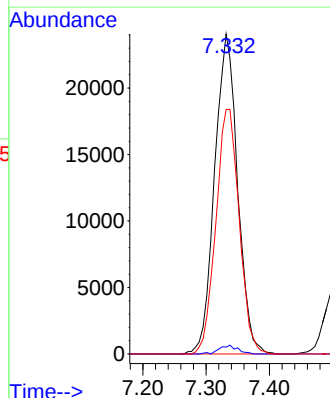
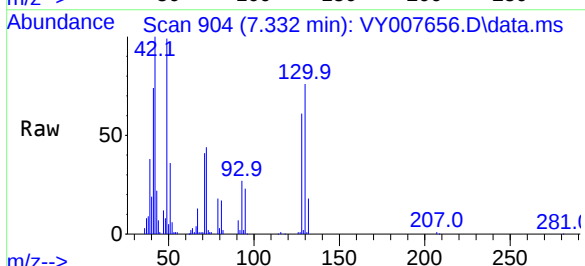
RT: 7.332 min Scan# 904

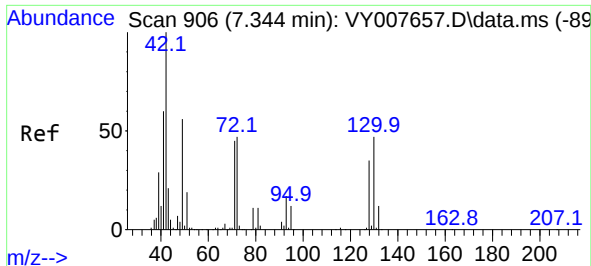
Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

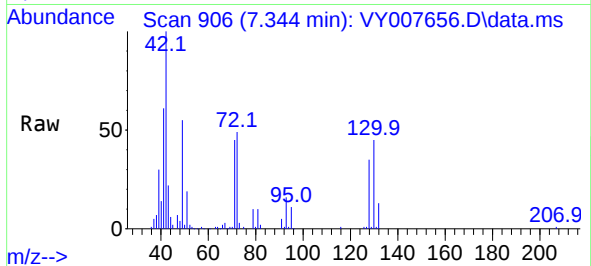
Tgt Ion:	49	Resp:	60592
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2
130	77.6	55.4	83.0





#29
Tetrahydrofuran
Concen: 133.397 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

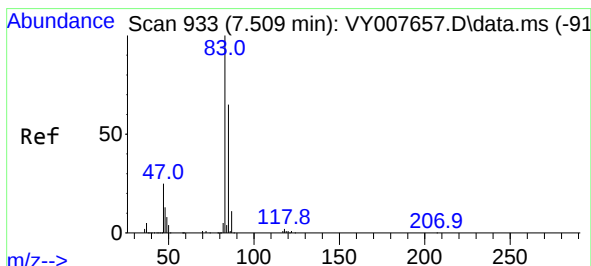
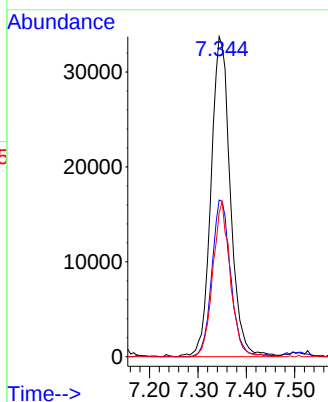
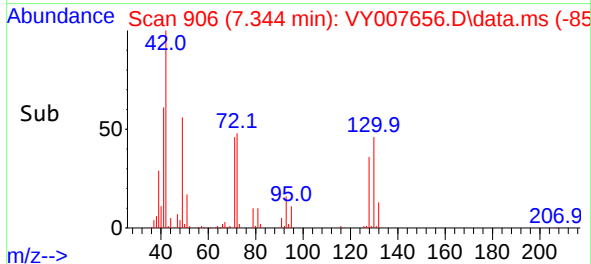
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 93489
Ion Ratio Lower Upper
42 100
72 47.7 30.3 45.5
71 43.9 29.0 43.4

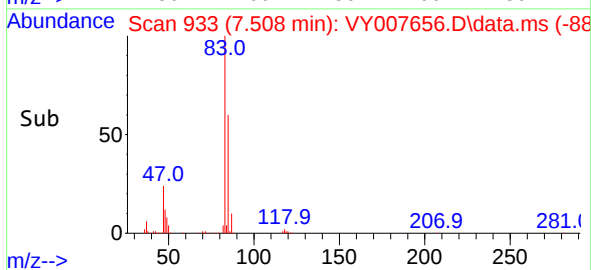
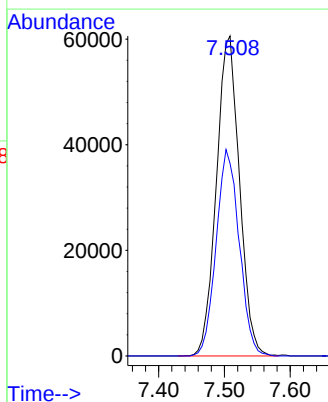
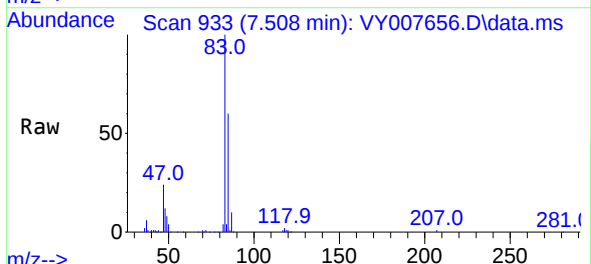
Manual Integrations
APPROVED

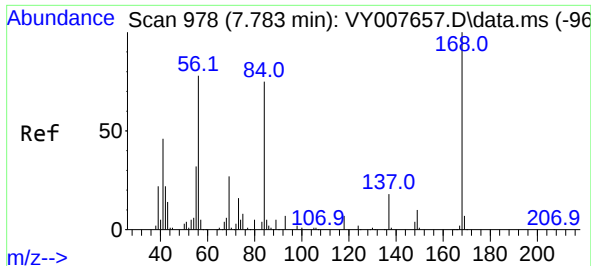
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#30
Chloroform
Concen: 18.281 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

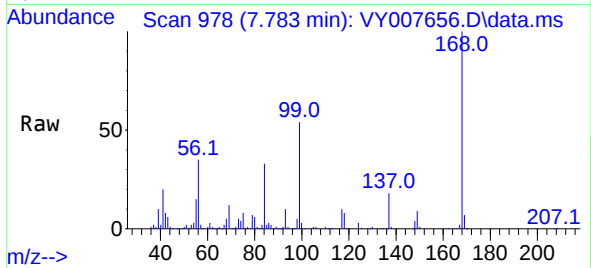
Tgt Ion: 83 Resp: 148192
Ion Ratio Lower Upper
83 100
85 60.2 51.8 77.6





#31
Cyclohexane
Concen: 22.675 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

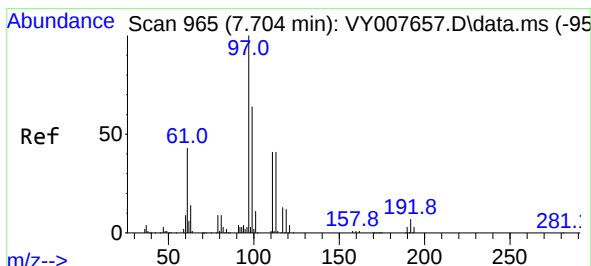
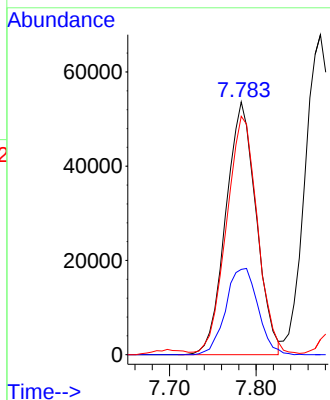
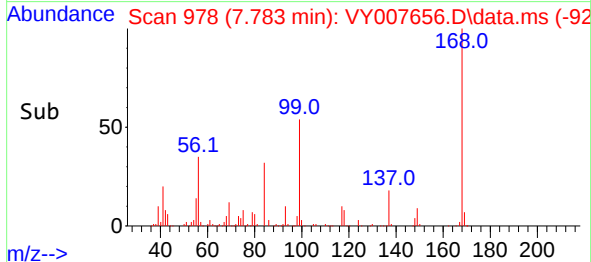
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



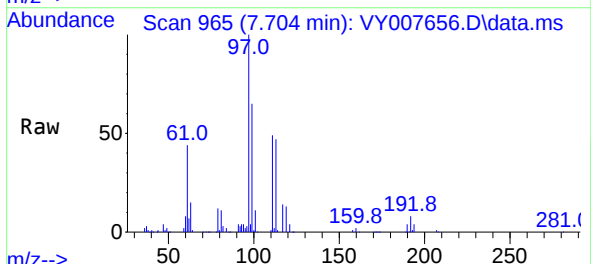
Tgt Ion: 56 Resp: 130710
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 92.7 67.2 100.8

Manual Integrations
APPROVED

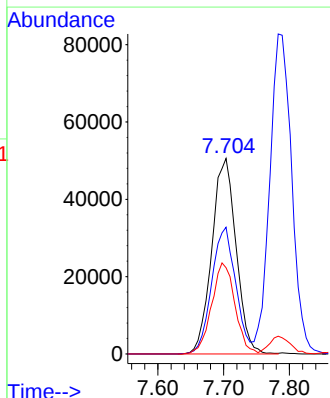
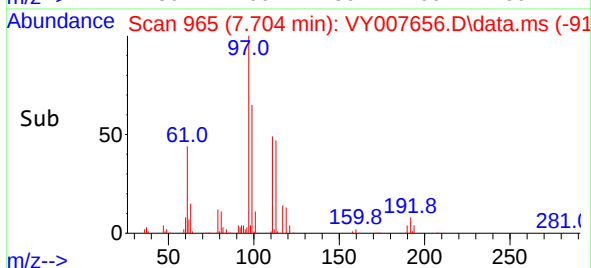
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

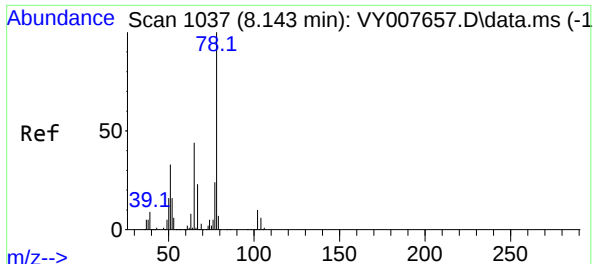


#32
1,1,1-Trichloroethane
Concen: 16.415 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



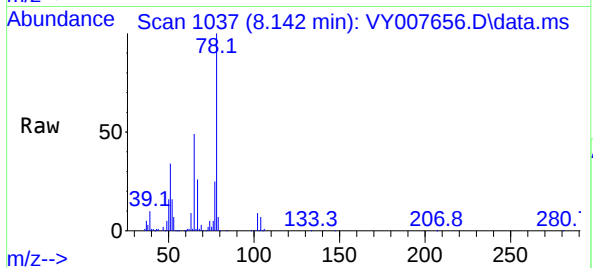
Tgt Ion: 97 Resp: 130074
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 44.7 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 19.842 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

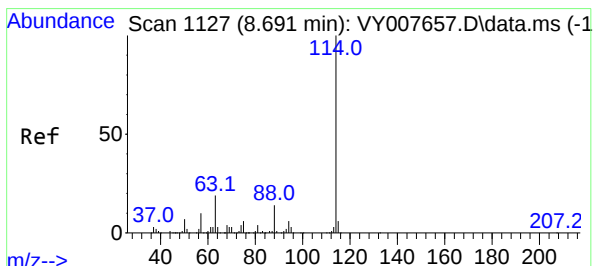
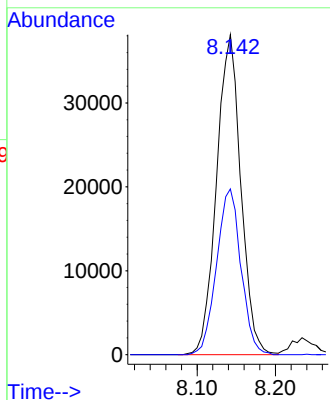
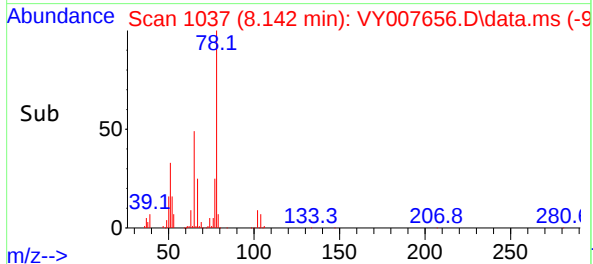
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



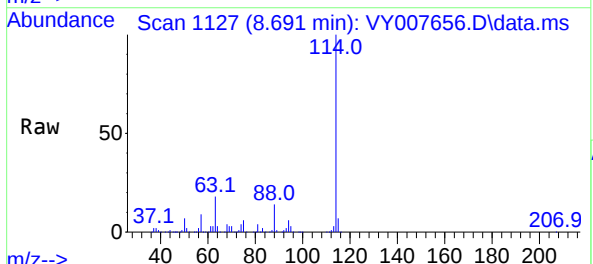
Tgt Ion: 65 Resp: 82209
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

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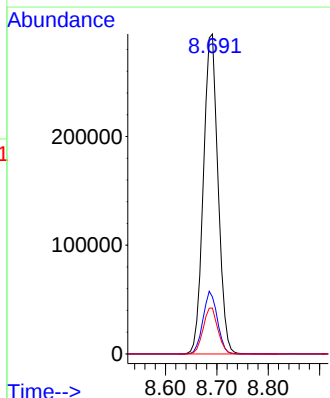
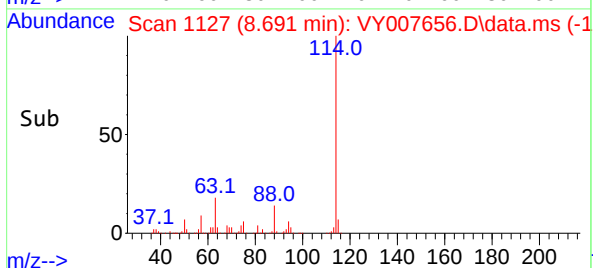
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

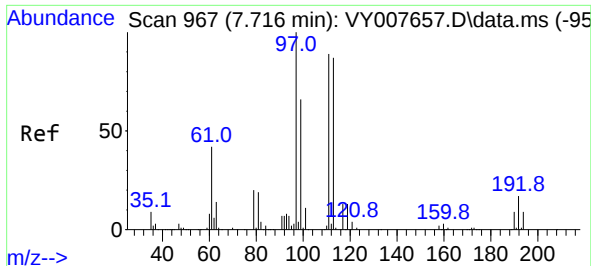


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



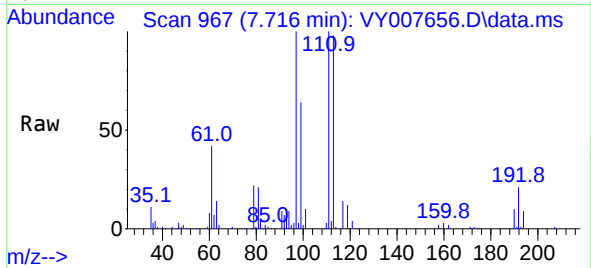
Tgt Ion:114 Resp: 580051
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 21.041 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

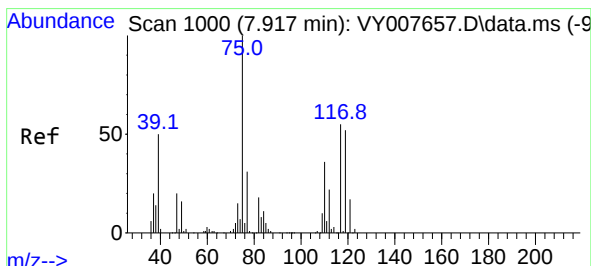
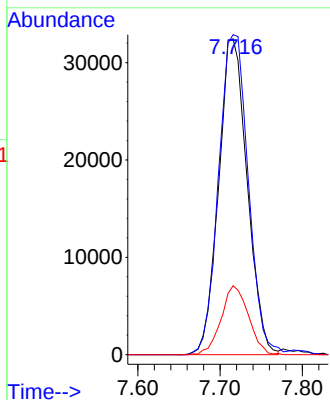
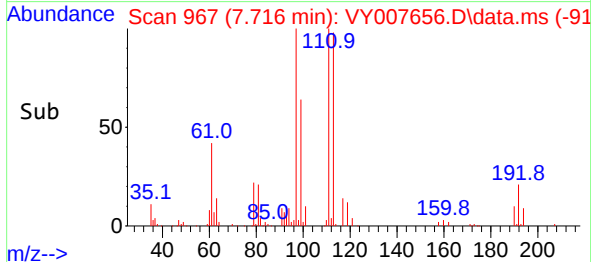
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



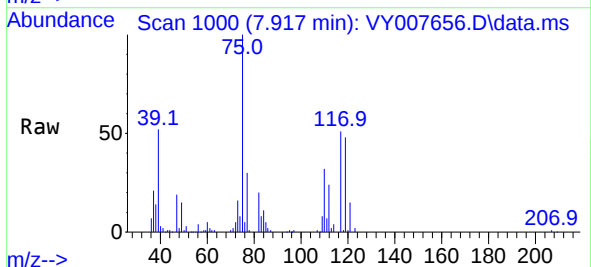
Tgt Ion:113 Resp: 7835
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 20.8 17.6 26.4

Manual Integrations
APPROVED

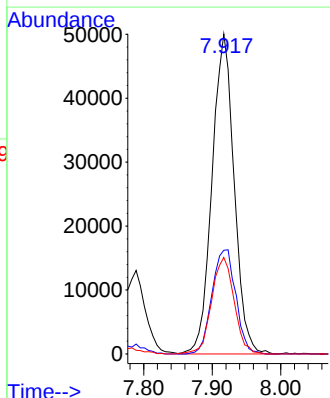
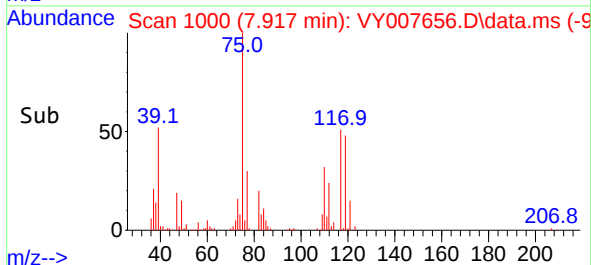
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

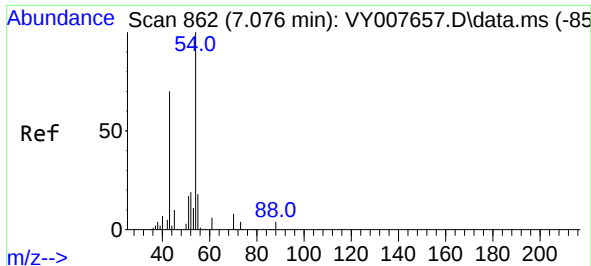


#36
1,1-Dichloropropene
Concen: 20.303 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion: 75 Resp: 111921
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.2
77 30.7 24.4 36.6





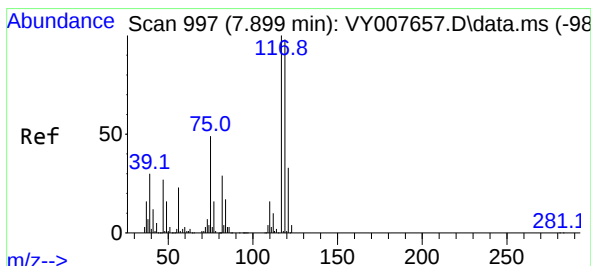
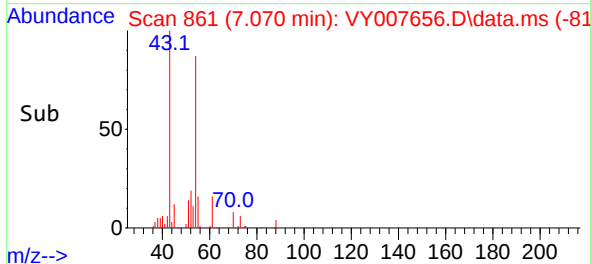
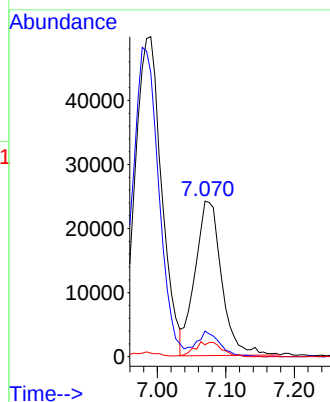
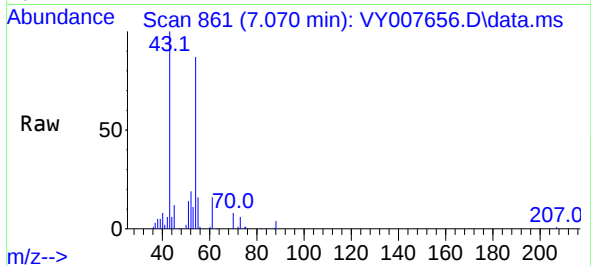
#37
Ethyl Acetate
Concen: 24.716 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 6531
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 9.6 7.1 10.7

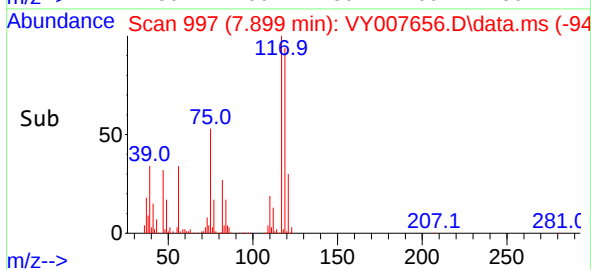
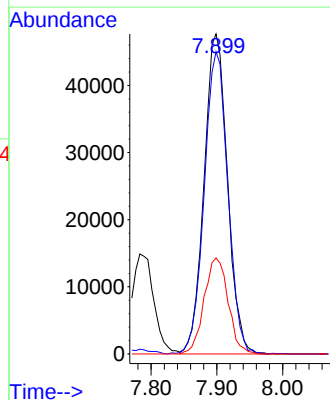
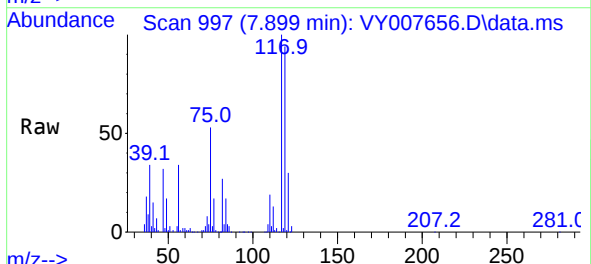
Manual Integrations
APPROVED

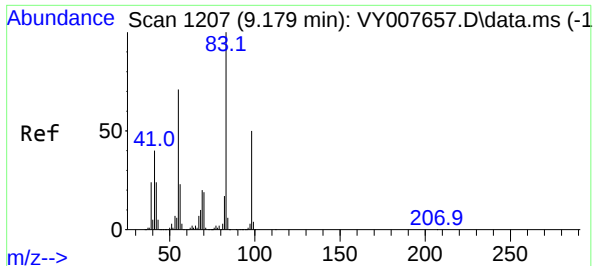
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#38
Carbon Tetrachloride
Concen: 15.455 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:117 Resp: 117922
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 19.800 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 139614

Ion Ratio Lower Upper

83 100

55 70.6 66.5 99.7

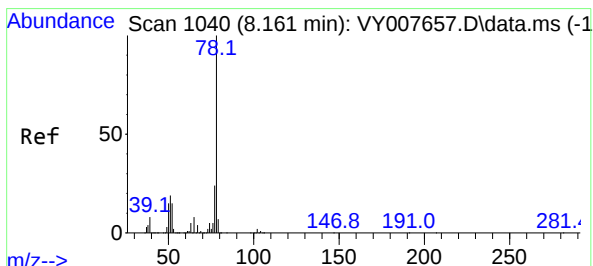
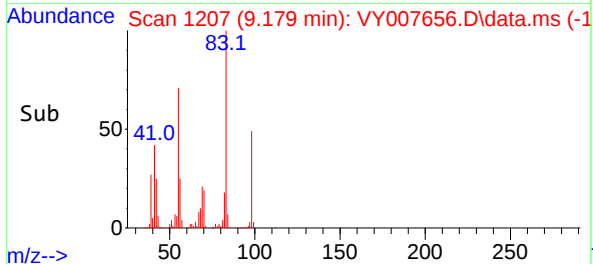
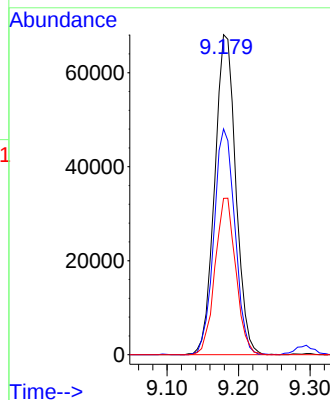
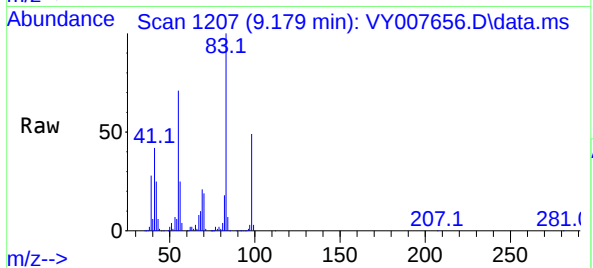
98 48.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#40

Benzene

Concen: 20.212 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY007656.D

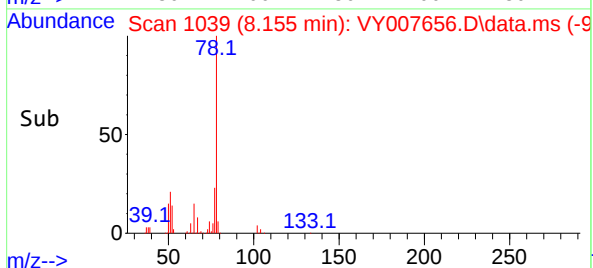
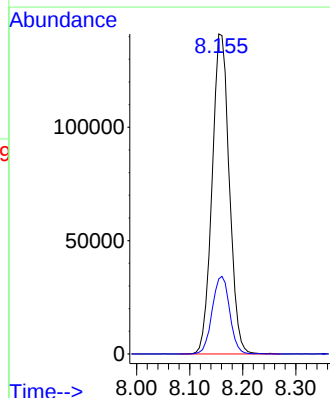
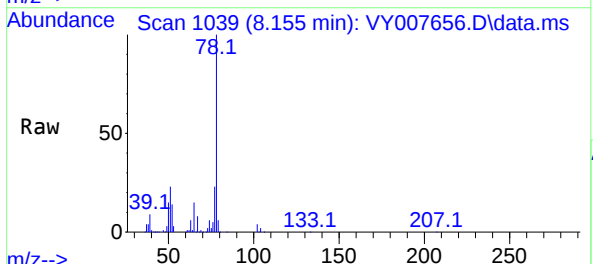
Acq: 28 Feb 2022 17:50

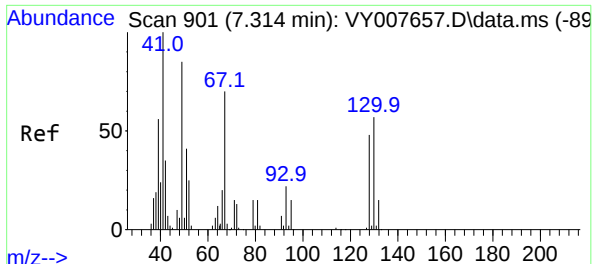
Tgt Ion: 78 Resp: 317510

Ion Ratio Lower Upper

78 100

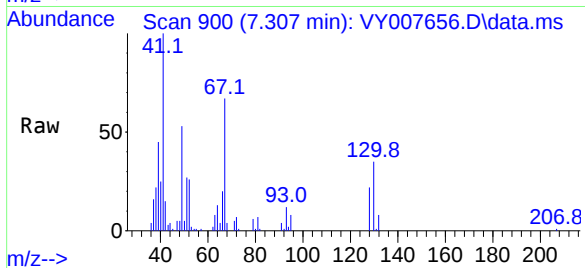
77 23.4 20.4 30.6





#41
Methacrylonitrile
Concen: 23.163 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

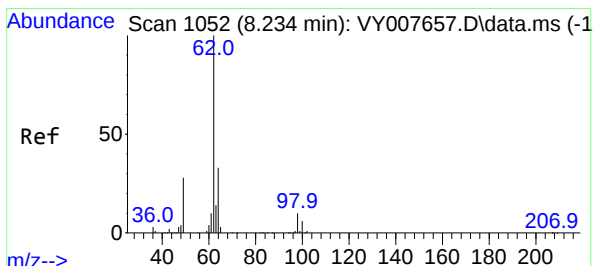
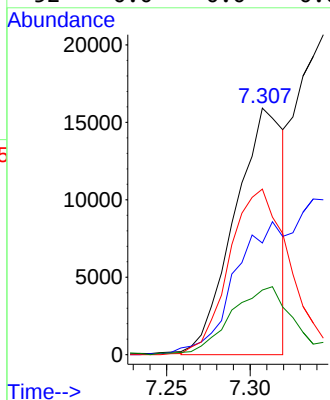
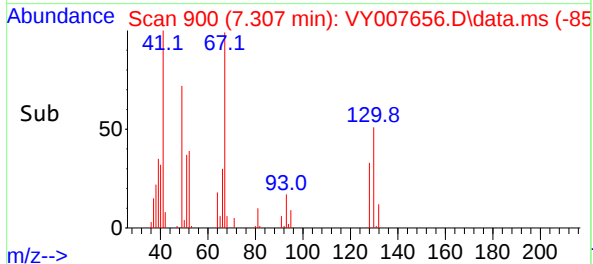
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 32304
Ion Ratio Lower Upper
41 100
39 140.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

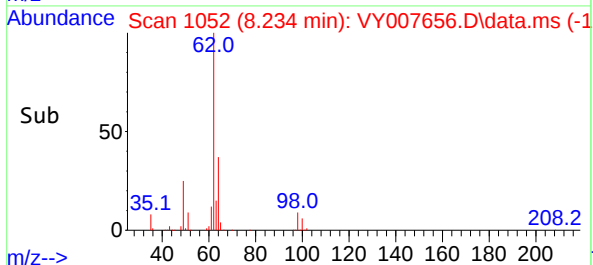
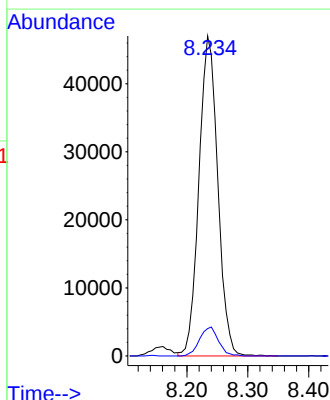
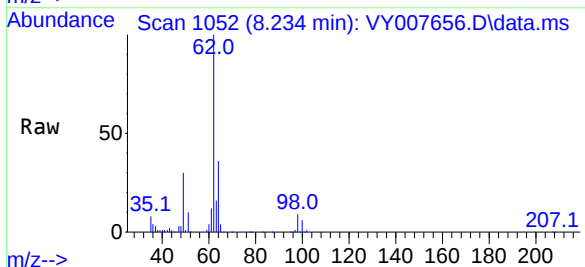
Manual Integrations
APPROVED

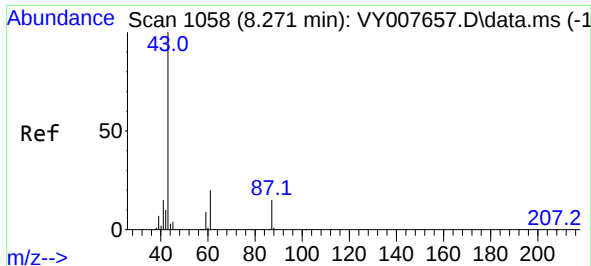
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#42
1,2-Dichloroethane
Concen: 18.141 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

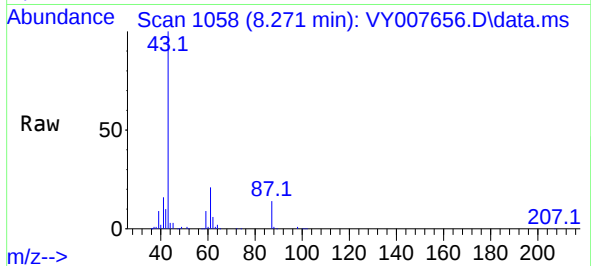
Tgt Ion: 62 Resp: 100952
Ion Ratio Lower Upper
62 100
98 9.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 22.974 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

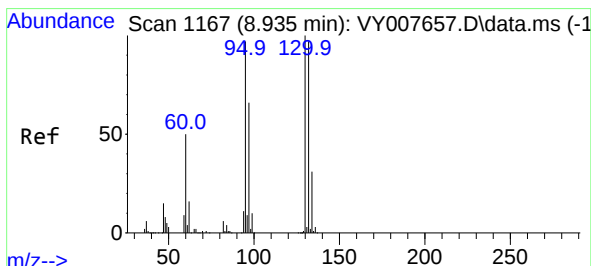
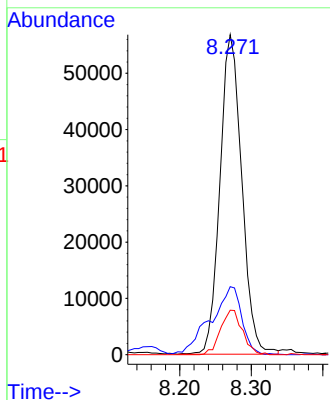
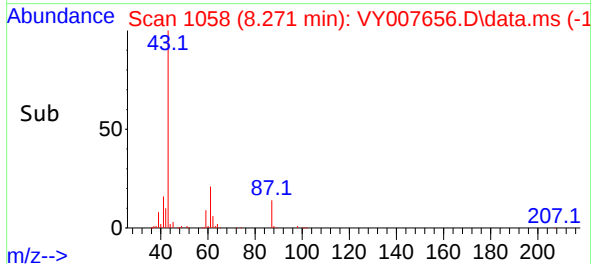
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 12043
Ion Ratio Lower Upper
43 100
61 30.4 20.2 30.2
87 13.9 8.9 13.3

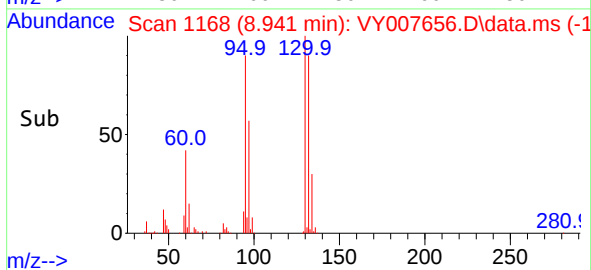
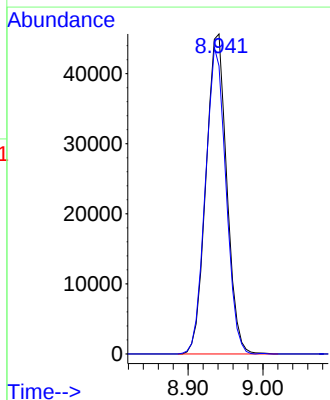
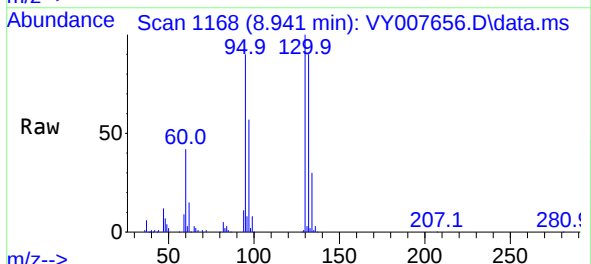
Manual Integrations
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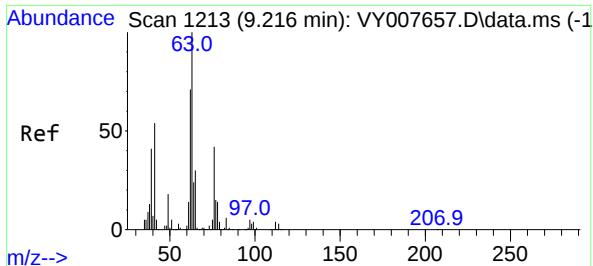
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#44
Trichloroethene
Concen: 17.212 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:130 Resp: 88292
Ion Ratio Lower Upper
130 100
95 90.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 23.817 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 82824

Ion Ratio Lower Upper

63 100

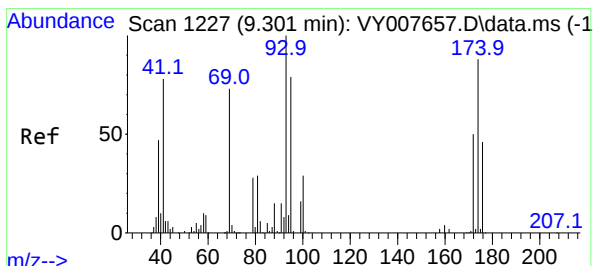
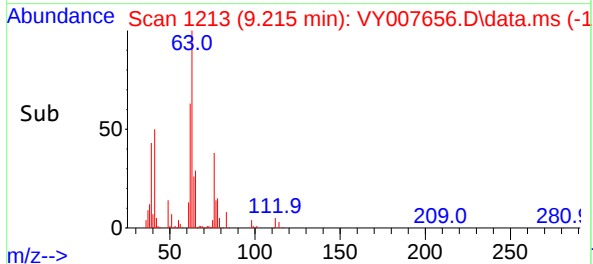
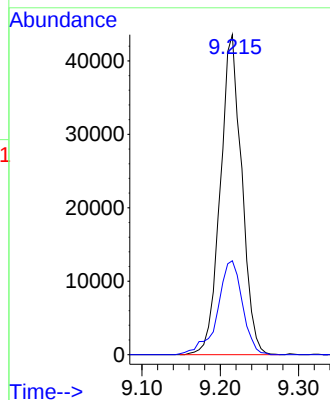
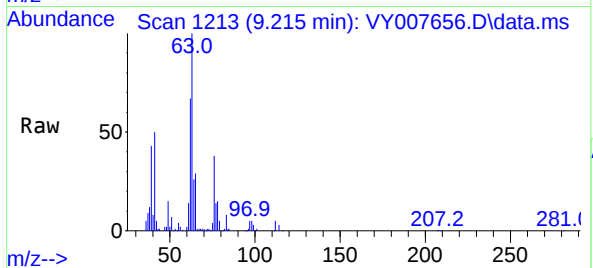
65 29.3 23.0 34.6

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Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#46

Dibromomethane

Concen: 17.879 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

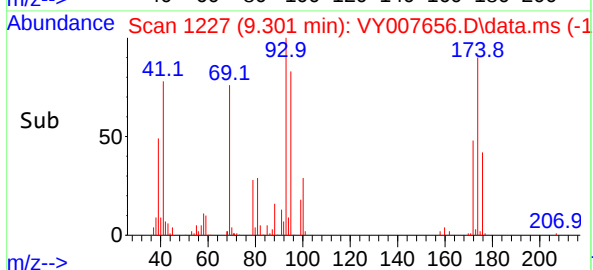
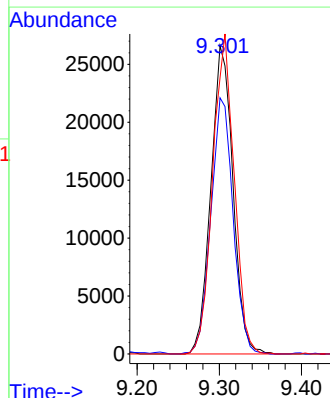
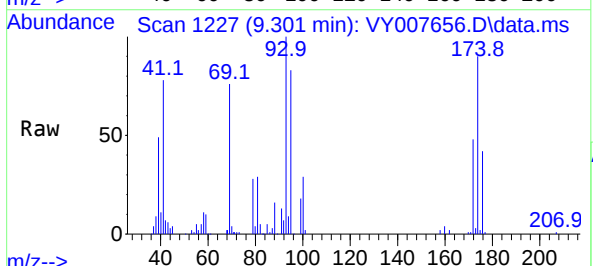
Tgt Ion: 93 Resp: 49653

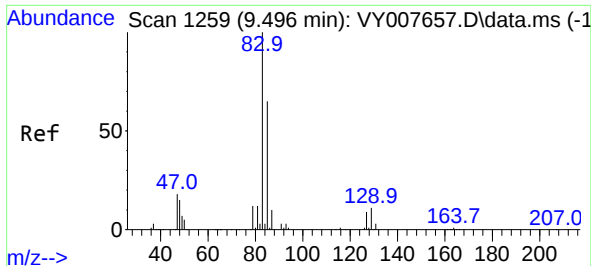
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

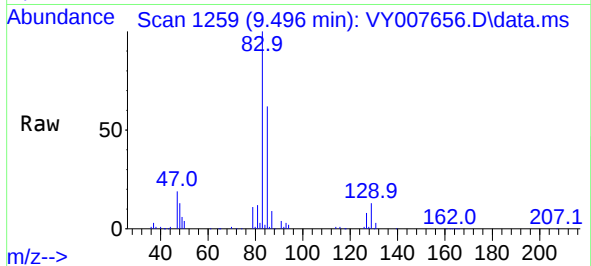
174 101.0 83.4 125.0





#47
Bromodichloromethane
Concen: 18.155 ug/l
RT: 9.496 min Scan# 11427
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

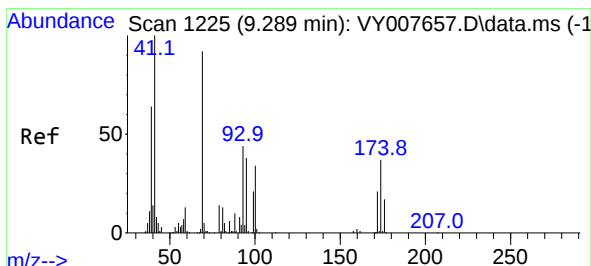
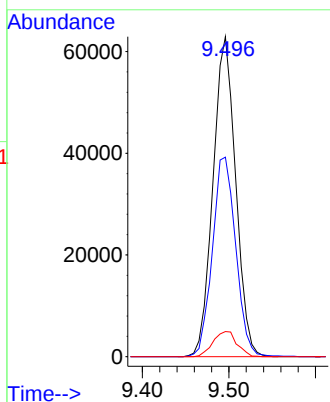
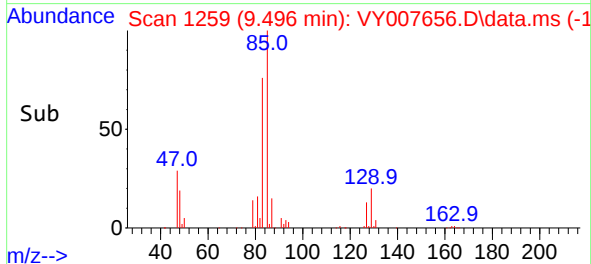
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



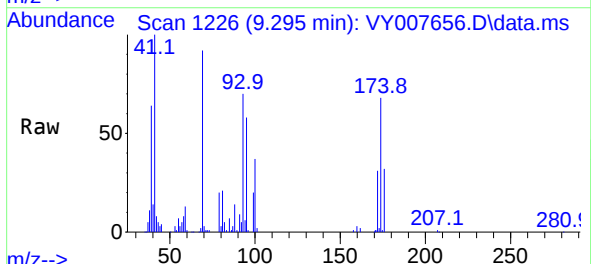
Tgt Ion: 83 Resp: 11427
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9
127 7.9 6.6 10.0

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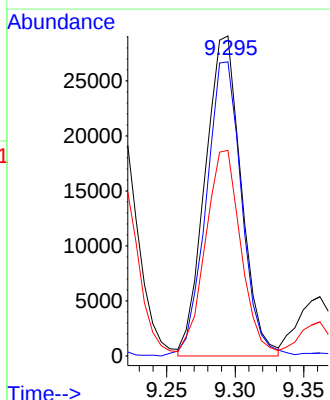
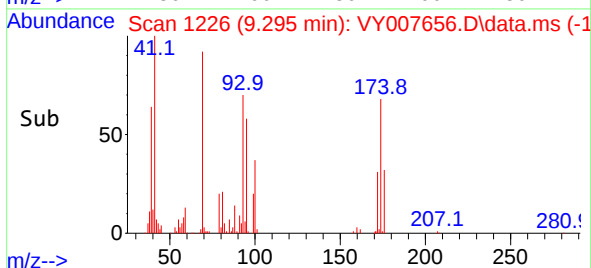
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

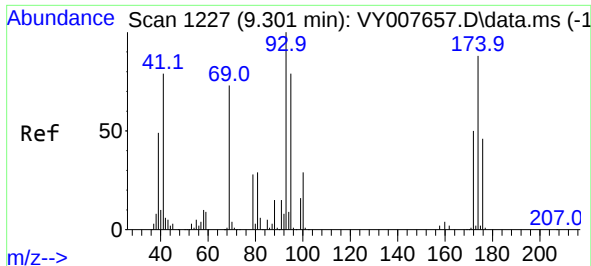


#48
Methyl methacrylate
Concen: 23.972 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



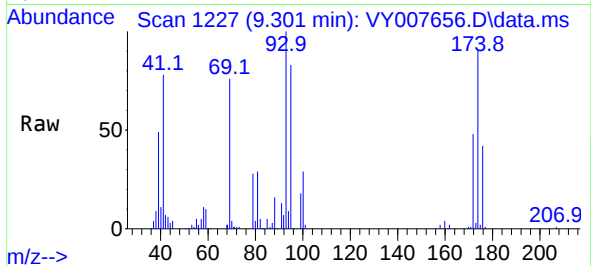
Tgt Ion: 41 Resp: 53353
Ion Ratio Lower Upper
41 100
69 90.1 58.2 87.2#
39 63.0 47.4 71.0





#49
1,4-Dioxane
Concen: 342.340 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

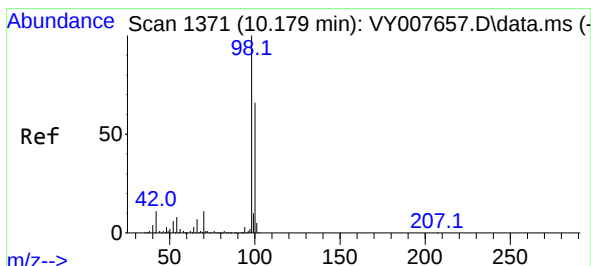
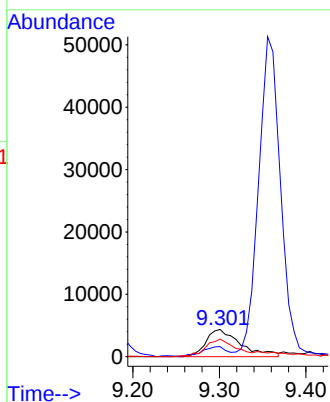
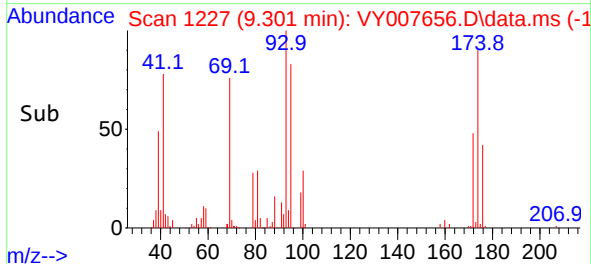
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 12090
Ion Ratio Lower Upper
88 100
43 23.7 32.8 49.2
58 55.6 59.8 89.6

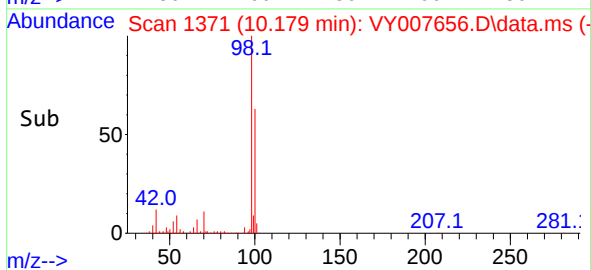
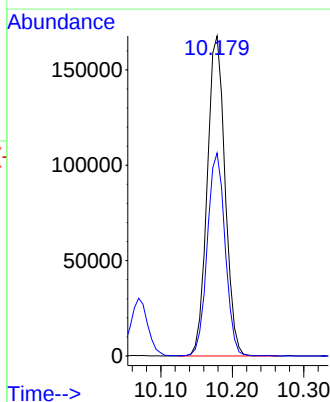
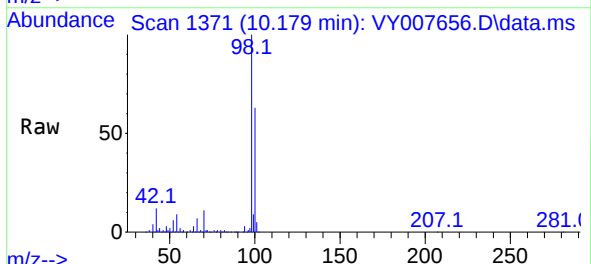
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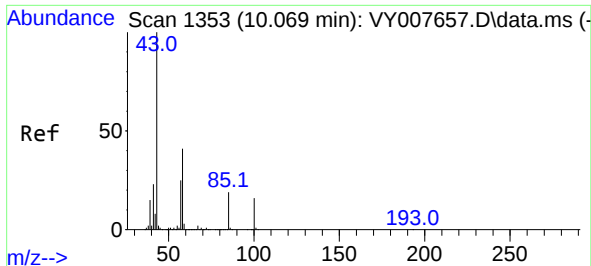
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#50
Toluene-d8
Concen: 22.265 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

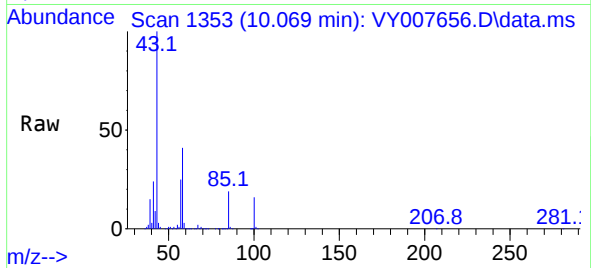
Tgt Ion: 98 Resp: 290045
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 121.286 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

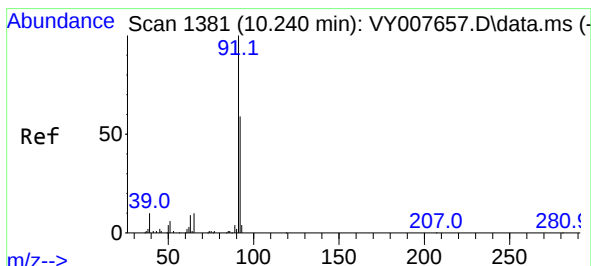
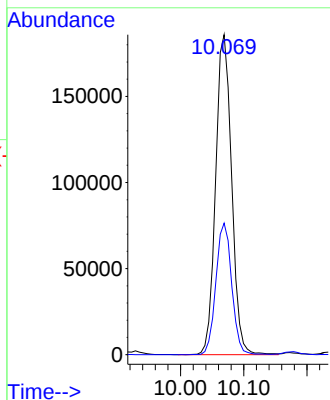
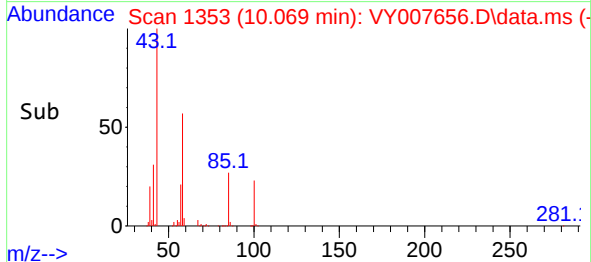
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



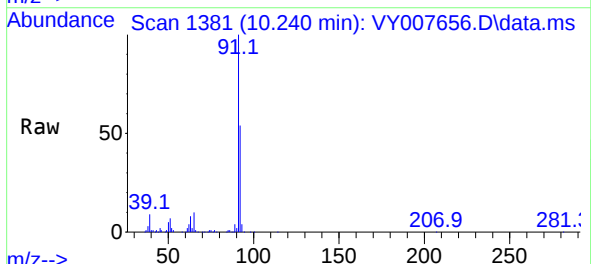
Tgt Ion: 43 Resp: 325180
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1

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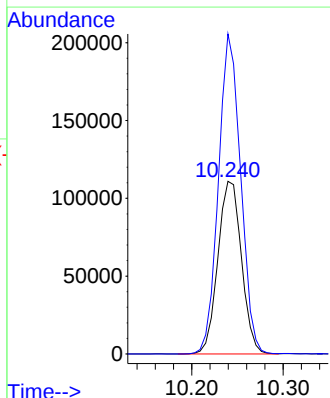
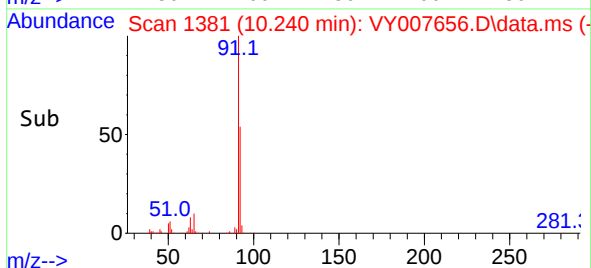
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#52
Toluene
Concen: 18.657 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion: 92 Resp: 199004
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8





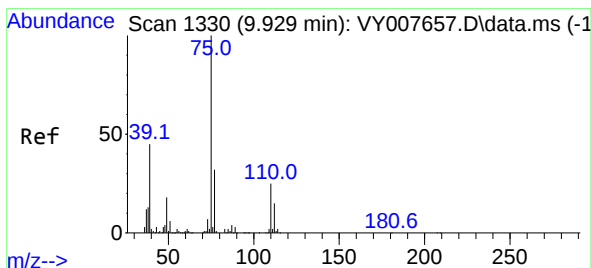
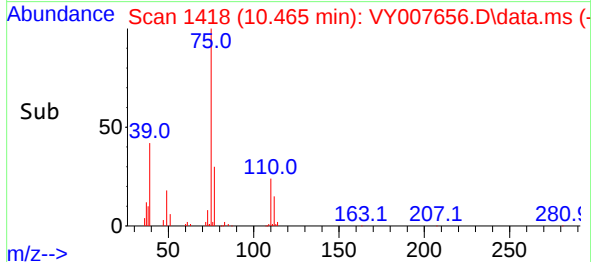
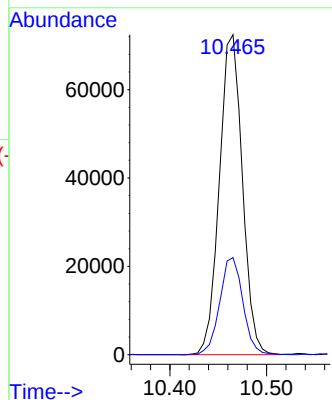
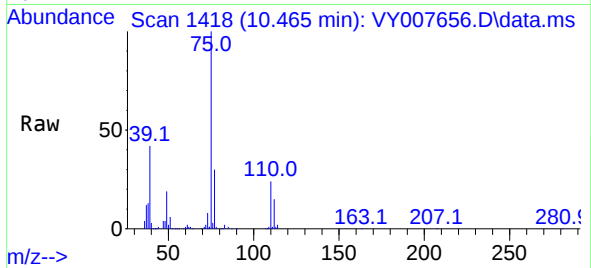
#53
 t-1,3-Dichloropropene
 Concen: 18.536 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 11937
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2

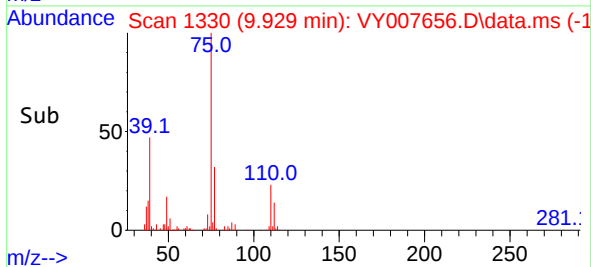
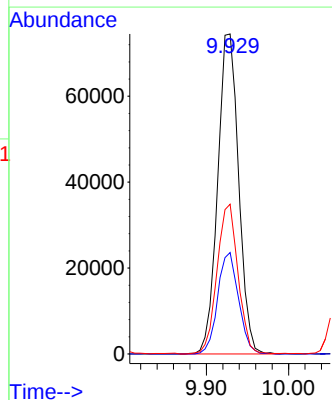
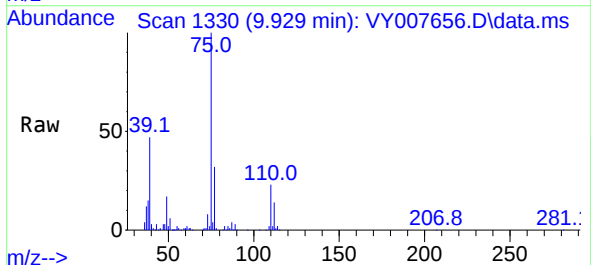
Manual Integrations
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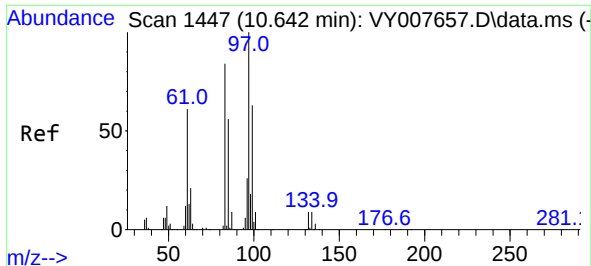
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.469 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50

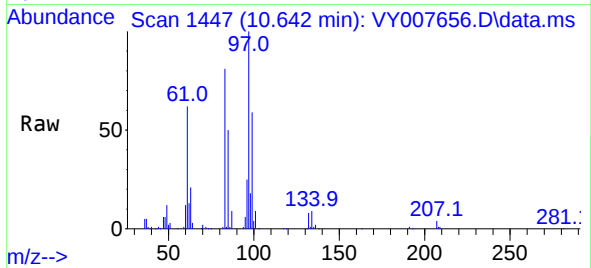
Tgt Ion: 75 Resp: 132032
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 46.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 18.651 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

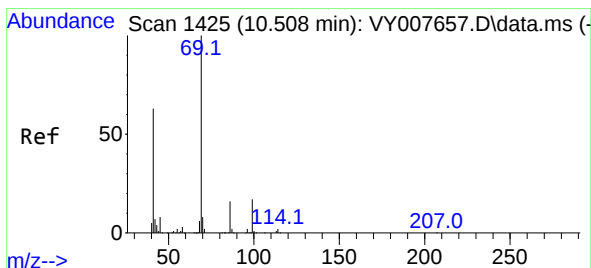
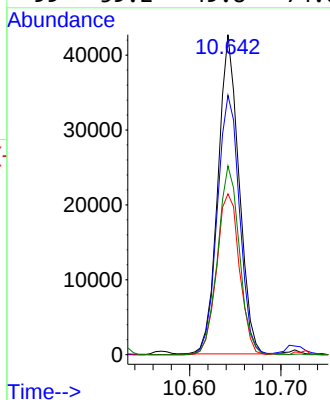
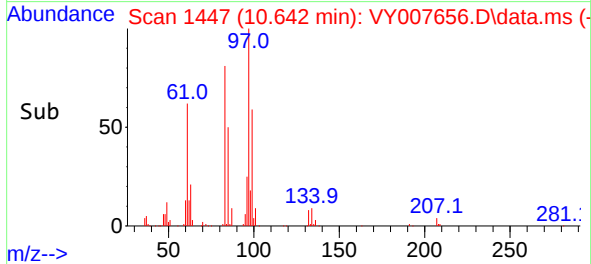
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 68237
Ion Ratio Lower Upper
97 100
83 81.3 69.8 104.8
85 50.4 44.3 66.5
99 59.2 49.8 74.6

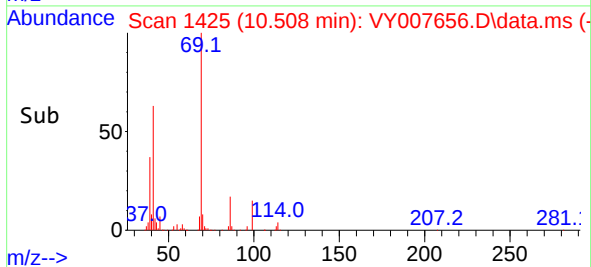
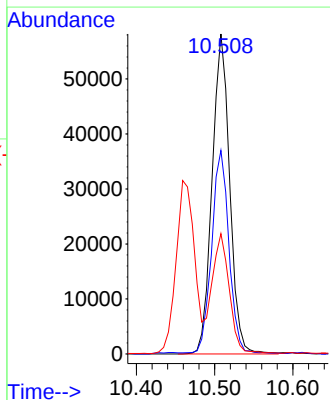
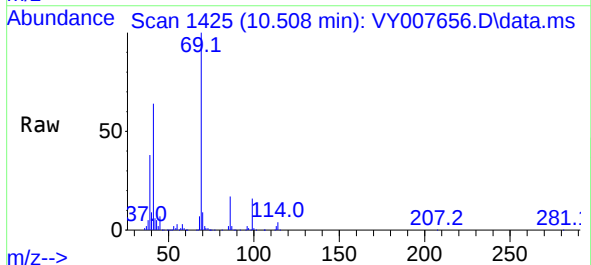
Manual Integrations
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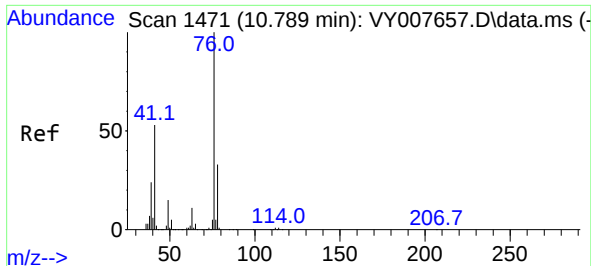
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#56
Ethyl methacrylate
Concen: 20.482 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

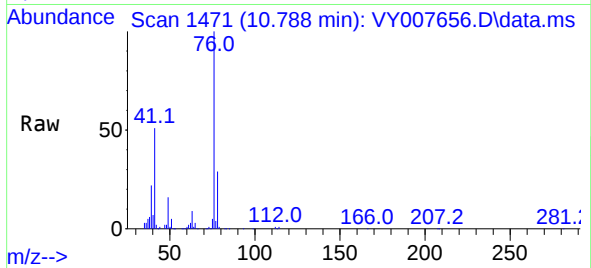
Tgt Ion: 69 Resp: 90638
Ion Ratio Lower Upper
69 100
41 62.4 63.4 95.0#
39 37.4 35.8 53.8





#57
1,3-Dichloropropane
Concen: 20.641 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

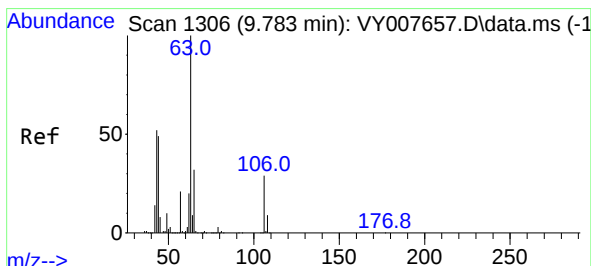
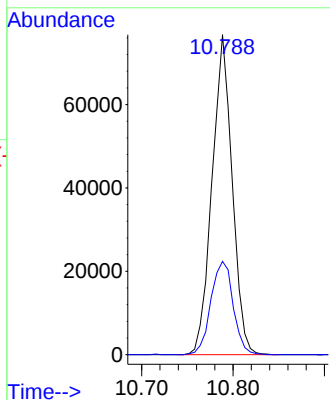
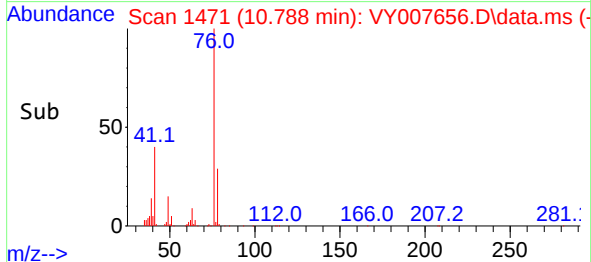
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



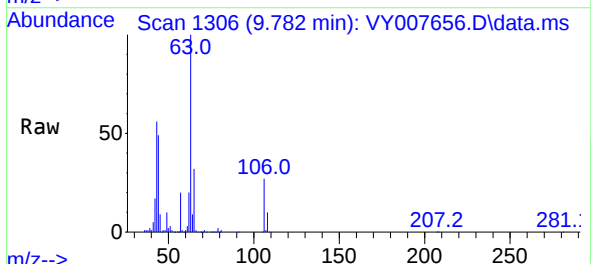
Tgt Ion: 76 Resp: 117232
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

Manual Integrations
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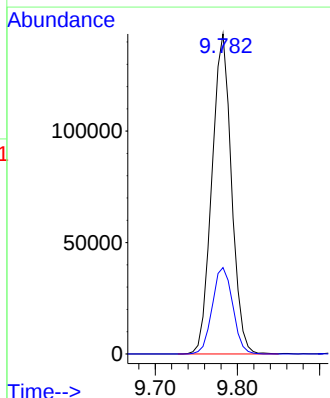
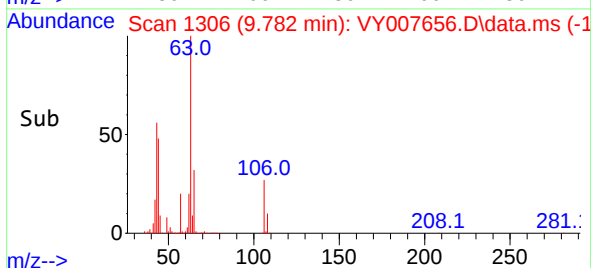
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

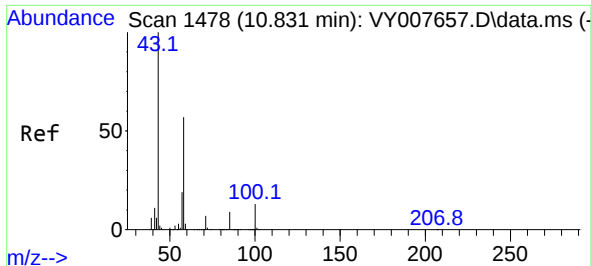


#58
2-Chloroethyl Vinyl ether
Concen: 108.842 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



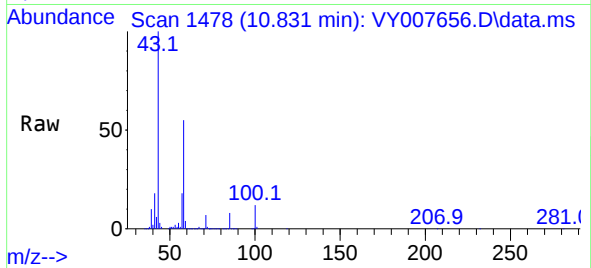
Tgt Ion: 63 Resp: 237401
Ion Ratio Lower Upper
63 100
106 28.2 21.5 32.3





#59
2-Hexanone
Concen: 114.989 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

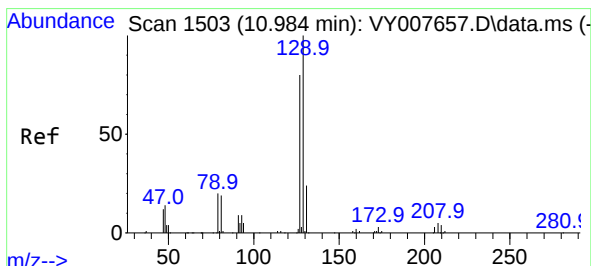
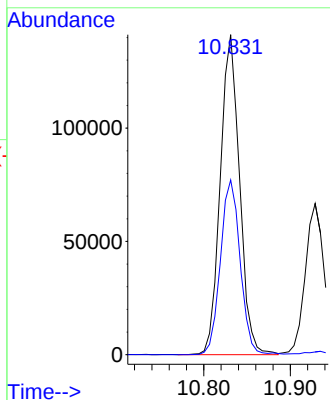
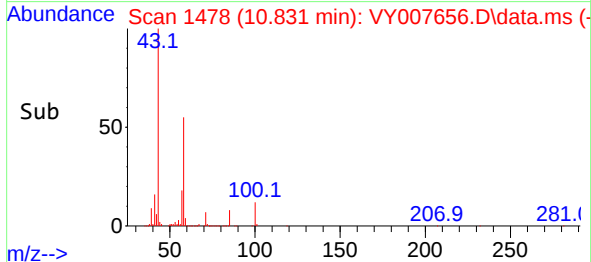
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



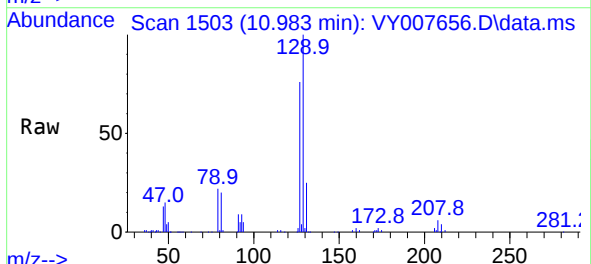
Tgt Ion: 43 Resp: 218894
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4

Manual Integrations
APPROVED

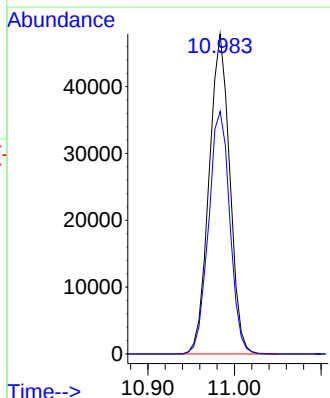
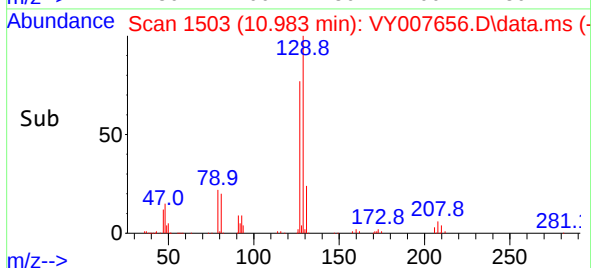
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

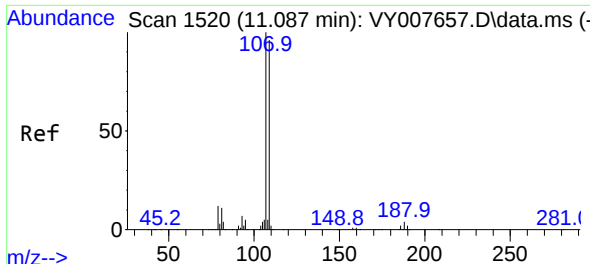


#60
Dibromochloromethane
Concen: 16.556 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



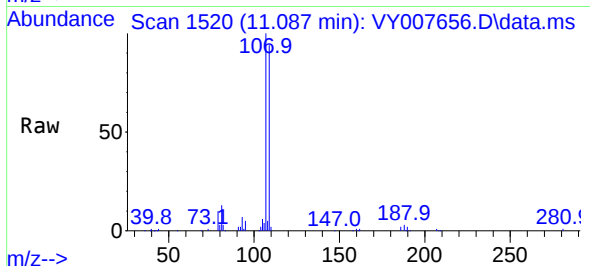
Tgt Ion:129 Resp: 79477
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 17.722 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

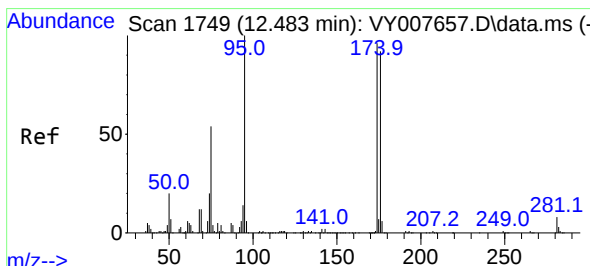
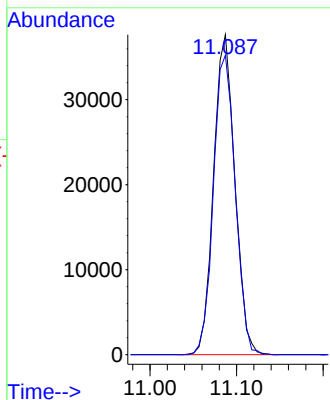
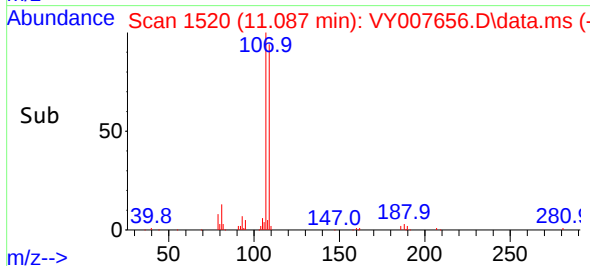
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



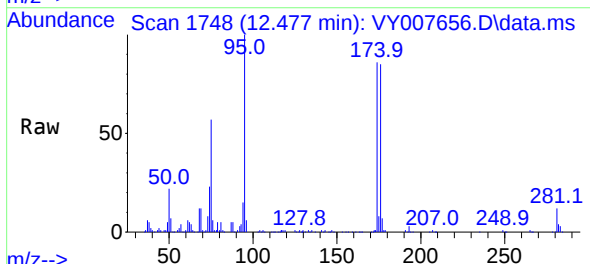
Tgt Ion:107 Resp: 64230
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2

Manual Integrations
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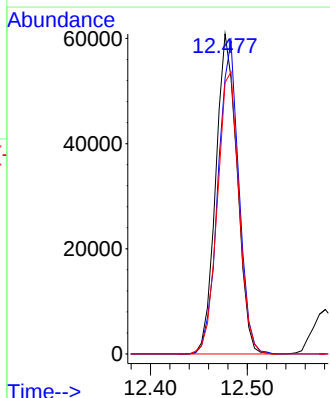
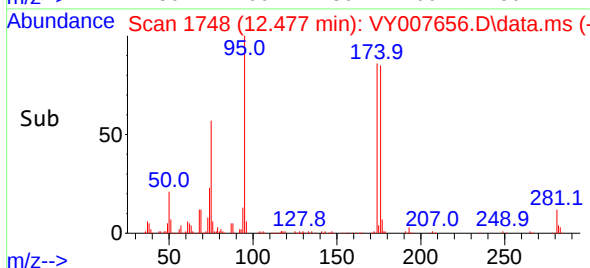
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

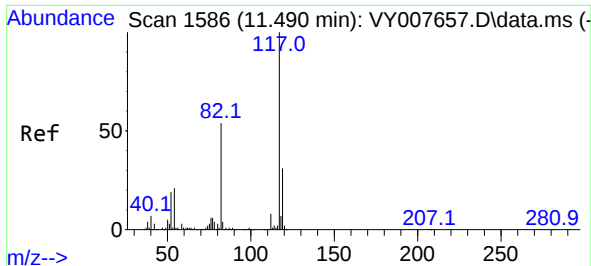


#62
4-Bromofluorobenzene
Concen: 19.584 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



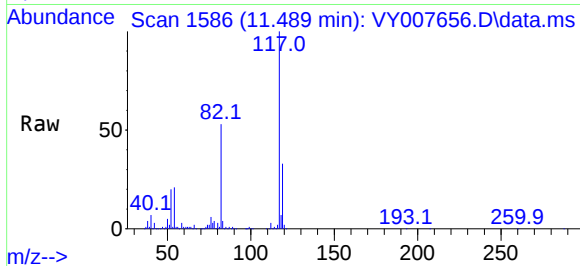
Tgt Ion: 95 Resp: 93070
Ion Ratio Lower Upper
95 100
174 95.0 0.0 177.0
176 89.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

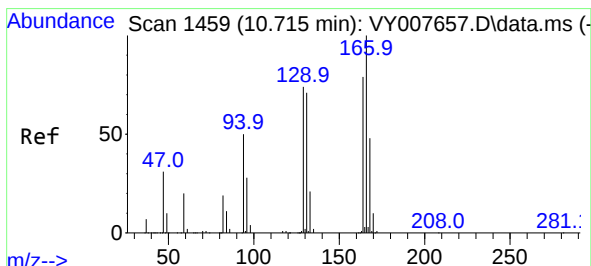
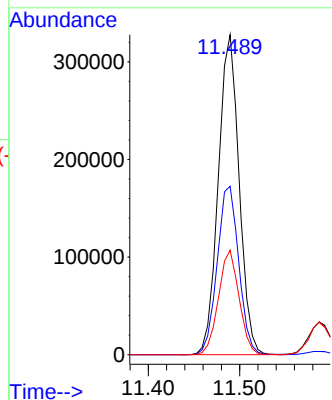
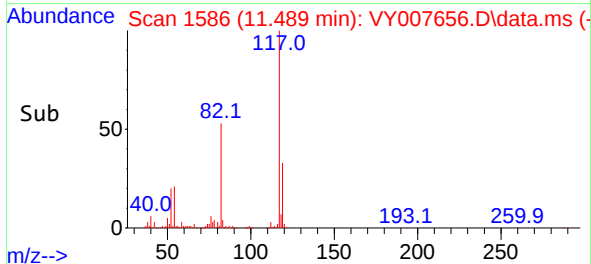
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



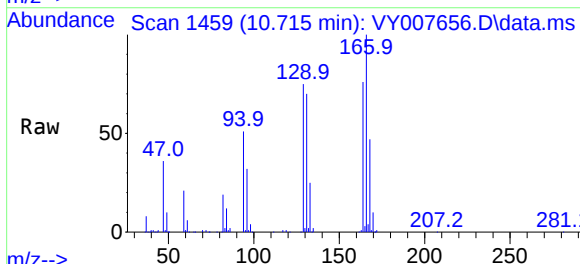
Tgt Ion:117 Resp: 51979
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.6 25.4 38.0

Manual Integrations
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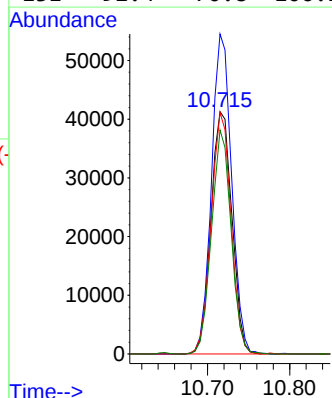
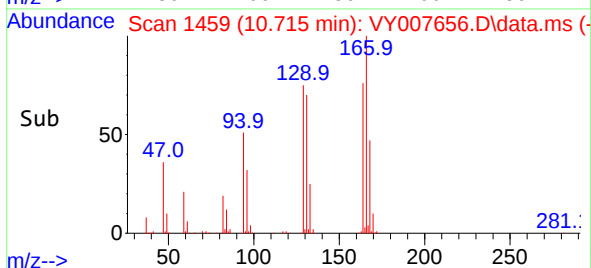
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

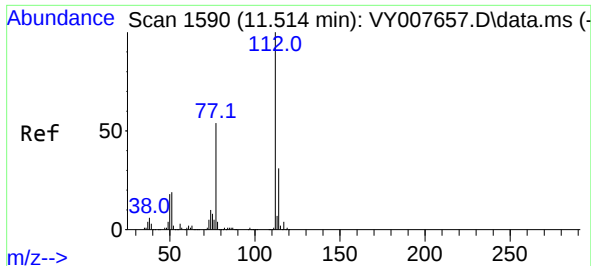


#64
Tetrachloroethene
Concen: 15.961 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



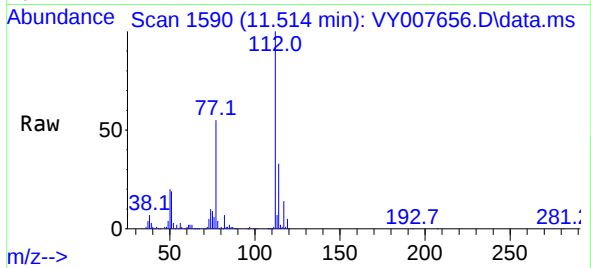
Tgt Ion:164 Resp: 73180
Ion Ratio Lower Upper
164 100
166 132.1 100.4 150.6
129 99.6 71.4 107.0
131 92.4 70.8 106.2





#65
Chlorobenzene
Concen: 18.826 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

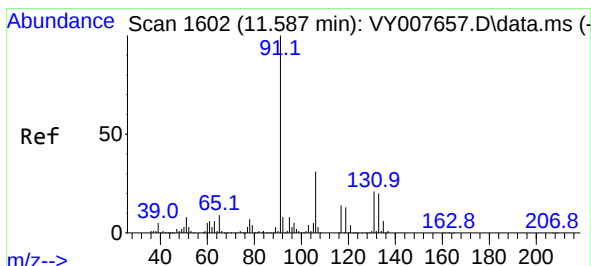
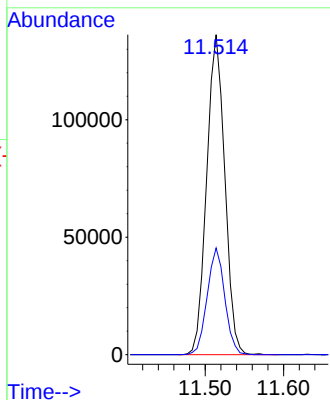
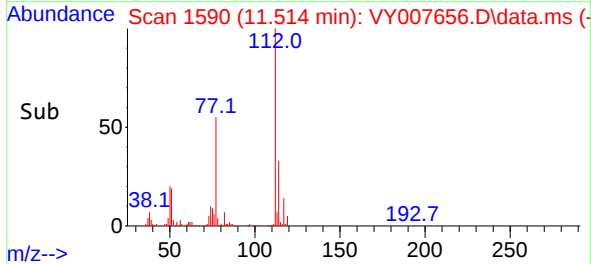
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



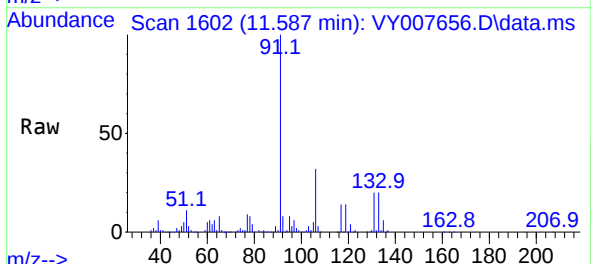
Tgt Ion:112 Resp: 21865
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6

Manual Integrations
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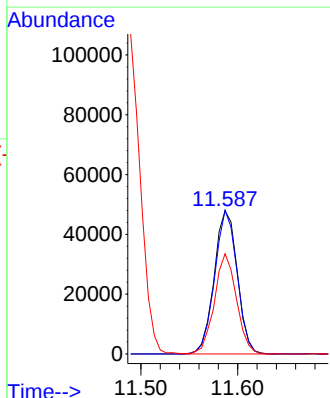
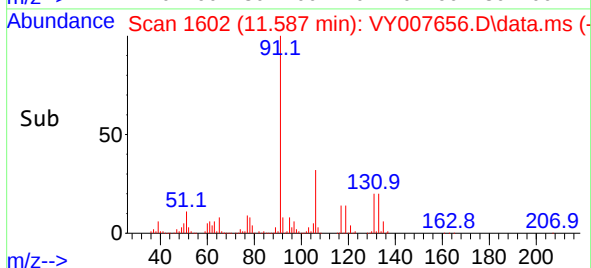
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

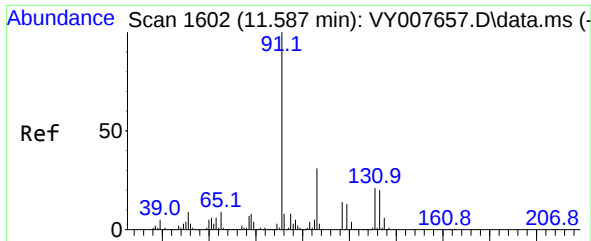


#66
1,1,1,2-Tetrachloroethane
Concen: 17.415 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



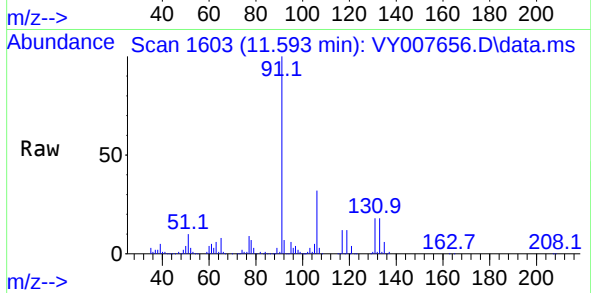
Tgt Ion:131 Resp: 79439
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 66.8 30.8 92.3





#67
Ethyl Benzene
Concen: 19.535 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

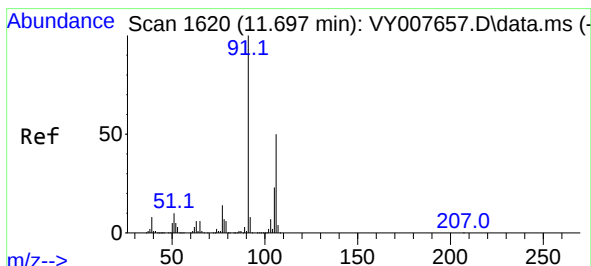
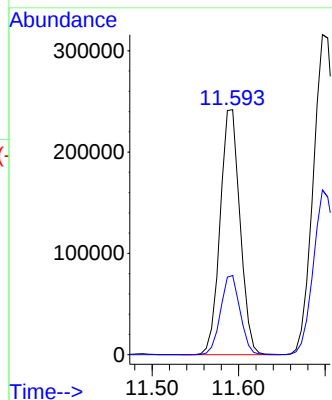
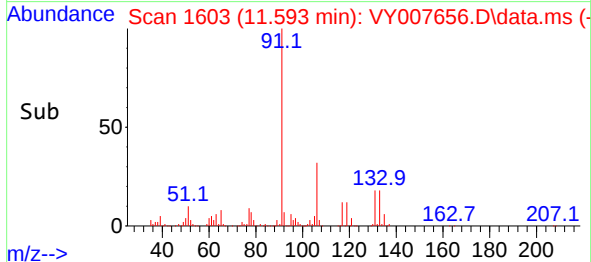
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 385998
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

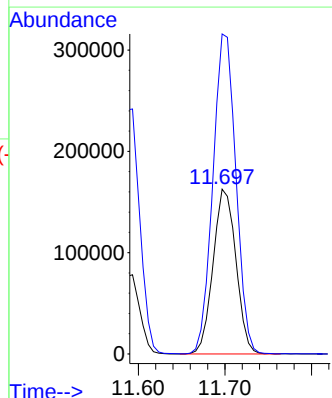
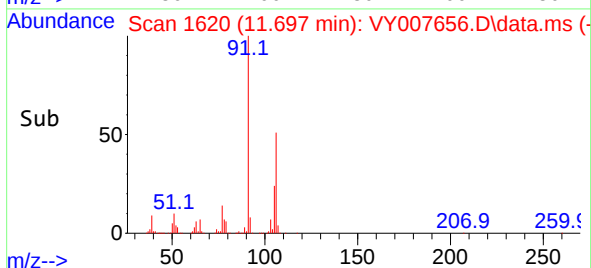
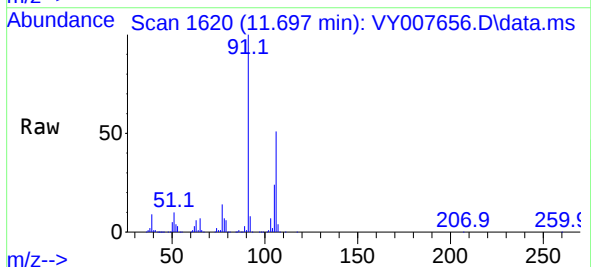
Manual Integrations
APPROVED

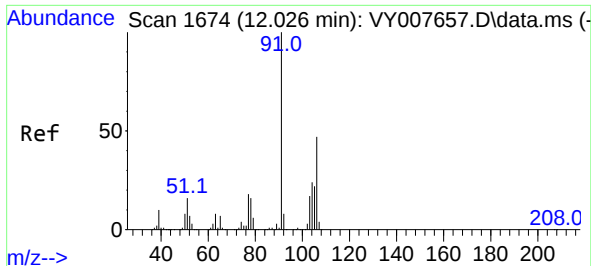
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#68
m/p-Xylenes
Concen: 38.440 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:106 Resp: 298418
Ion Ratio Lower Upper
106 100
91 195.2 166.6 249.8





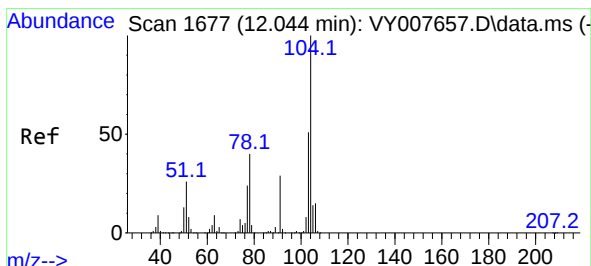
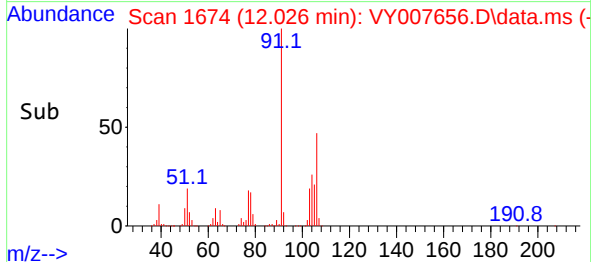
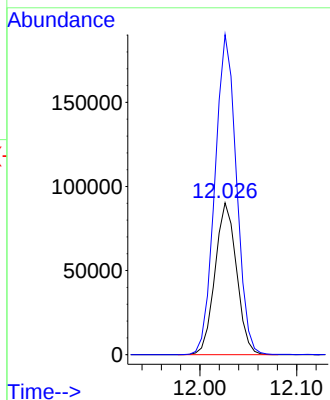
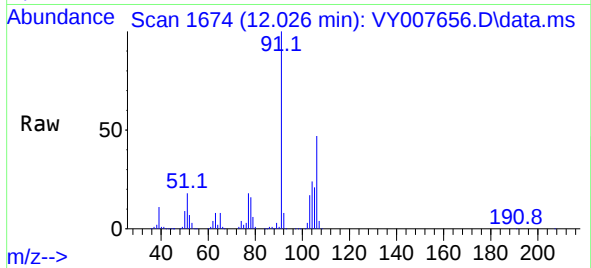
#69
o-Xylene
Concen: 18.376 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 139392
Ion Ratio Lower Upper
106 100
91 211.1 110.3 331.0

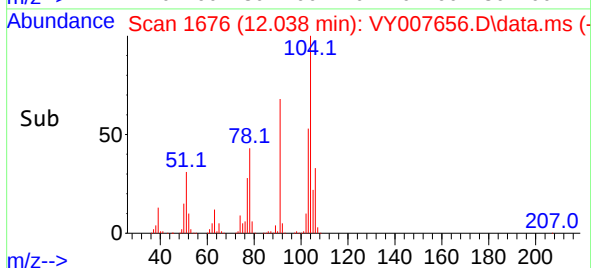
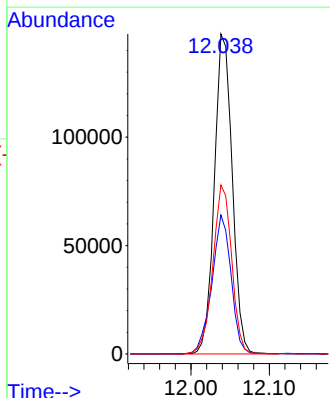
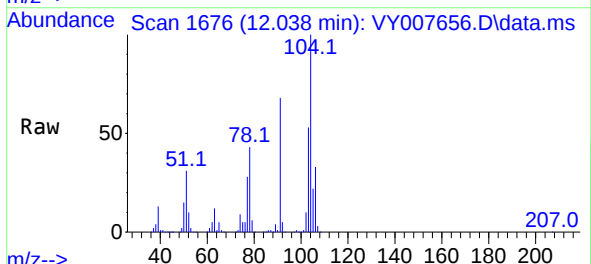
Manual Integrations
APPROVED

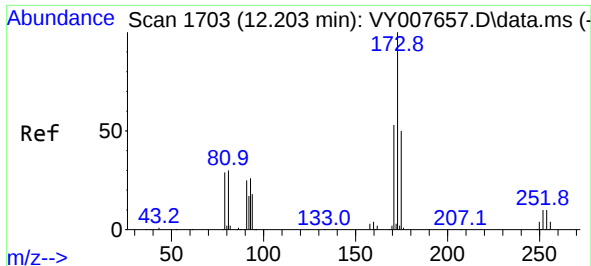
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#70
Styrene
Concen: 18.458 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:104 Resp: 234814
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 55.7 44.4 66.6





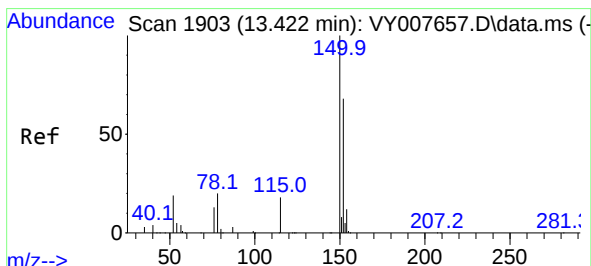
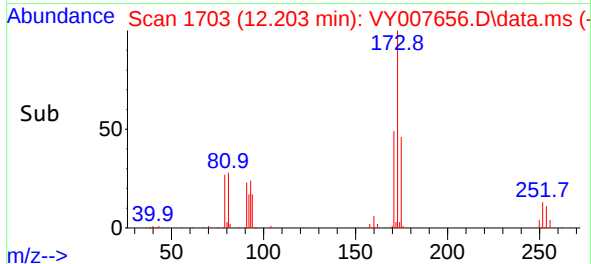
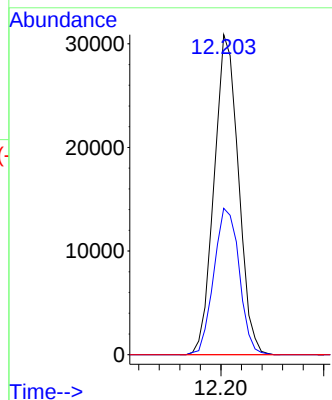
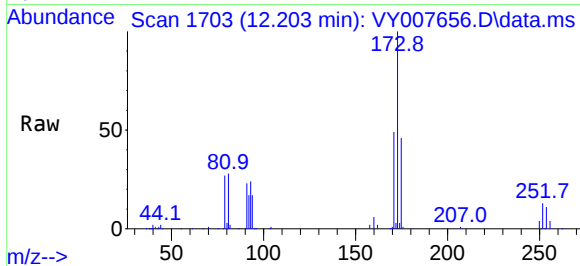
#71
Bromoform
Concen: 16.793 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 50598
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0

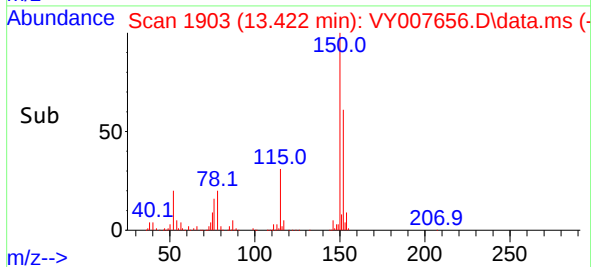
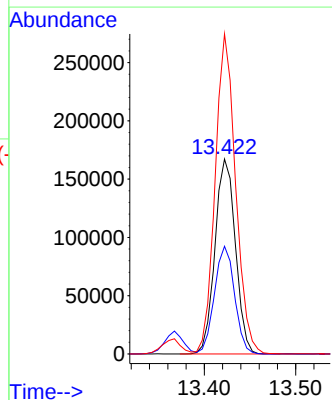
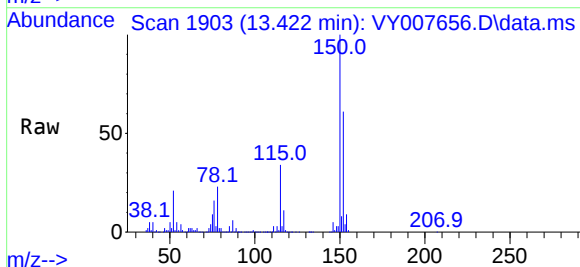
Manual Integrations
APPROVED

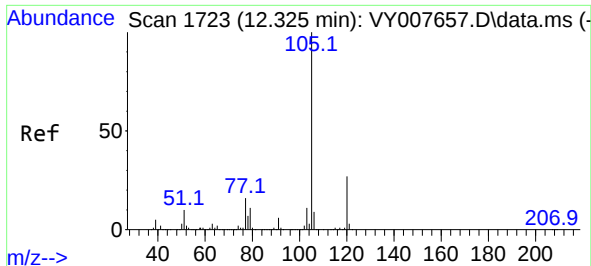
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:152 Resp: 260182
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 164.6 0.0 347.6





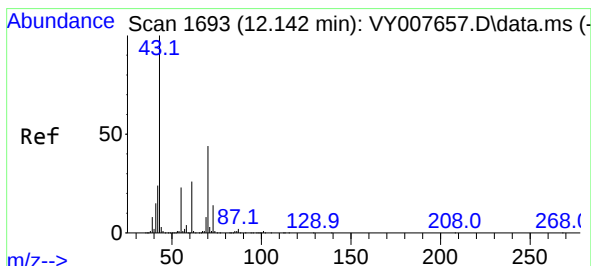
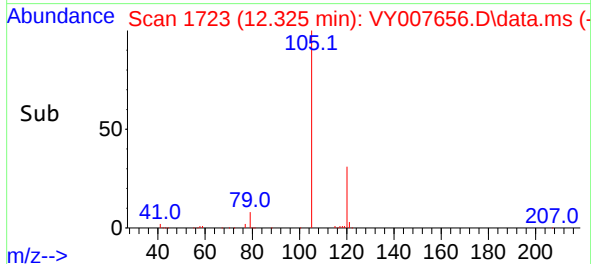
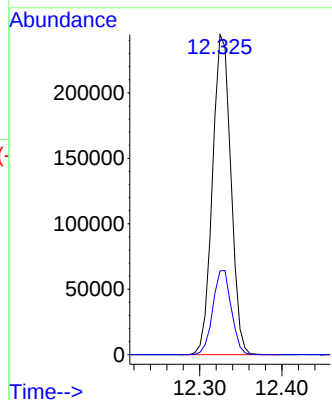
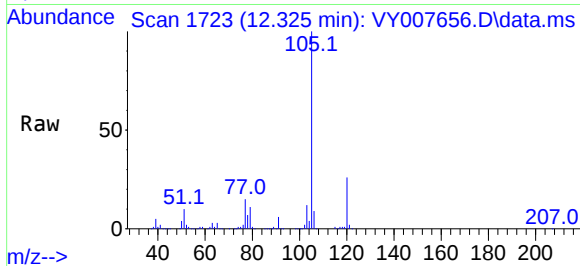
#73
Isopropylbenzene
Concen: 18.548 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 379864
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

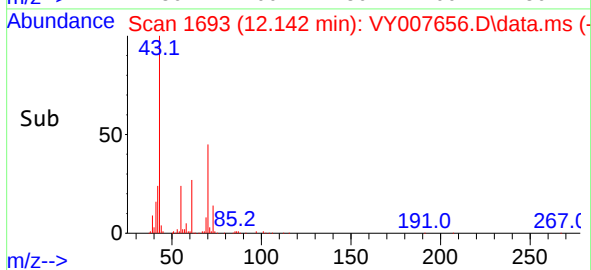
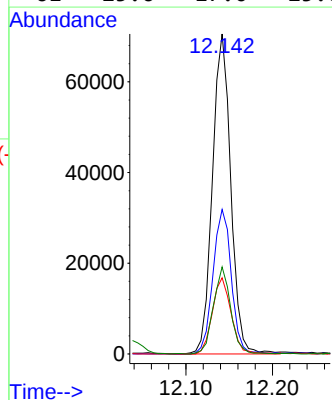
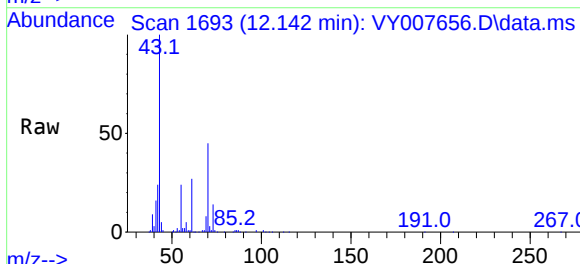
Manual Integrations
APPROVED

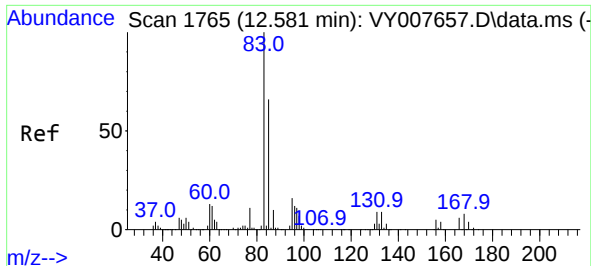
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#74
N-ethyl acetate
Concen: 24.402 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion: 43 Resp: 103915
Ion Ratio Lower Upper
43 100
70 45.3 28.7 43.1#
55 24.5 17.3 25.9
61 25.6 17.0 25.6#





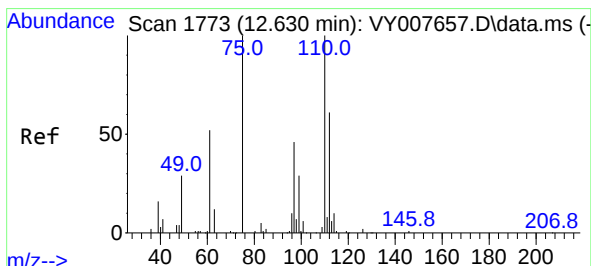
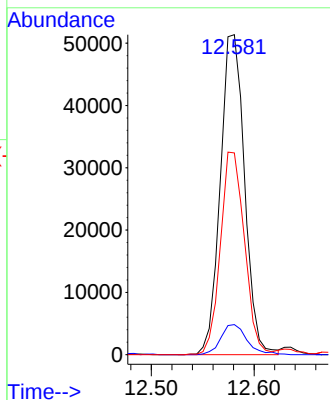
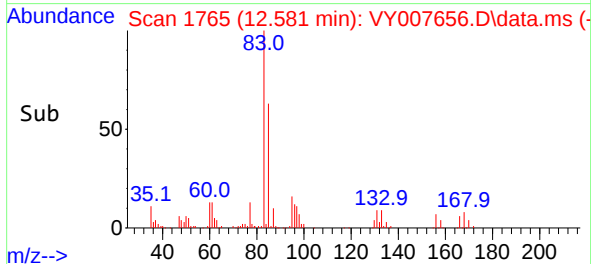
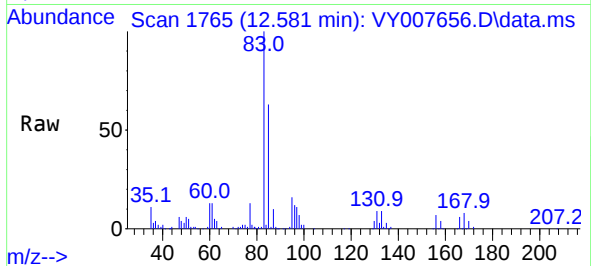
#75
1,1,2,2-Tetrachloroethane
Concen: 21.975 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 84190
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 62.8 32.3 96.8

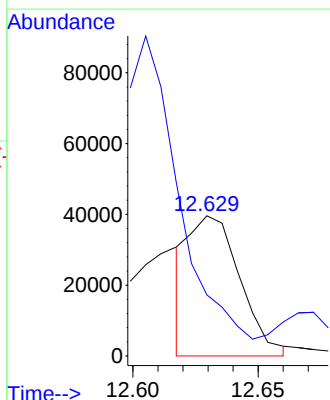
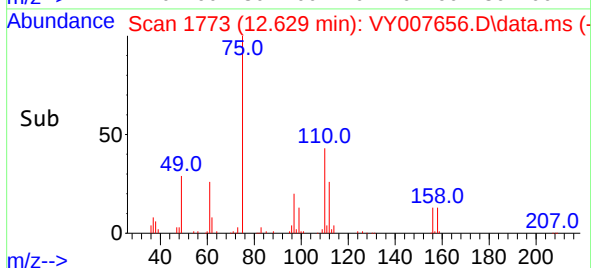
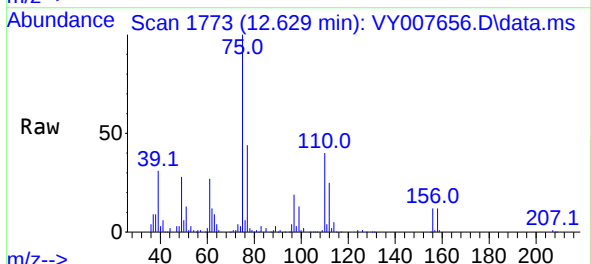
Manual Integrations
APPROVED

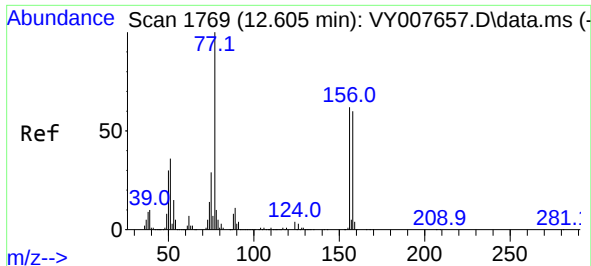
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#76
1,2,3-Trichloropropane
Concen: 20.864 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

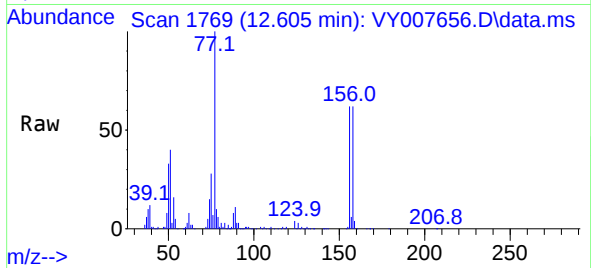
Tgt Ion: 75 Resp: 56602
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 16.858 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

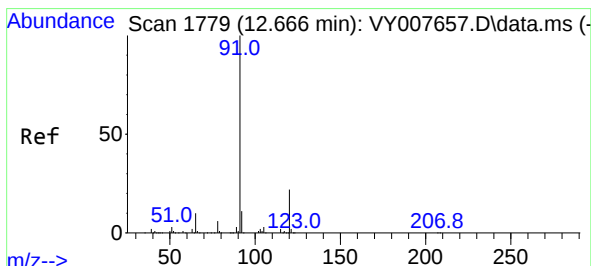
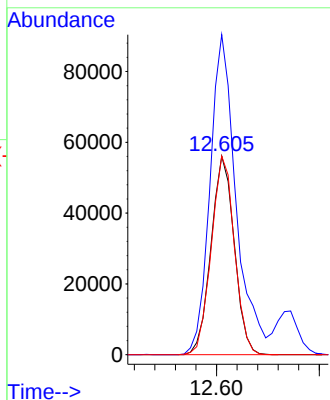
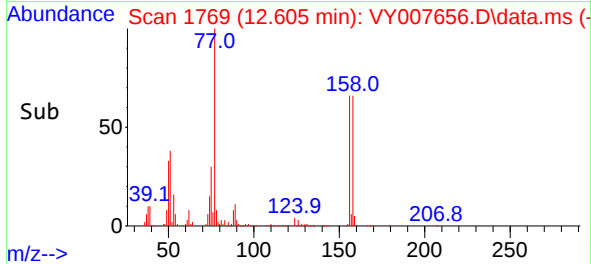
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



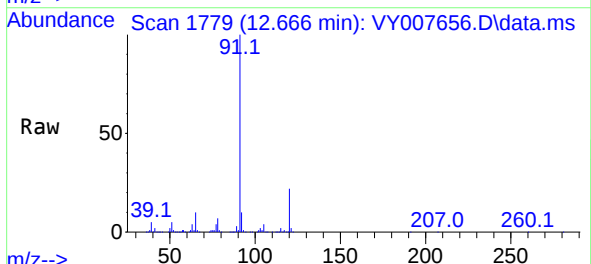
Tgt Ion:156 Resp: 88050
Ion Ratio Lower Upper
156 100
77 180.4 95.5 286.4
158 99.3 48.0 144.0

Manual Integrations
APPROVED

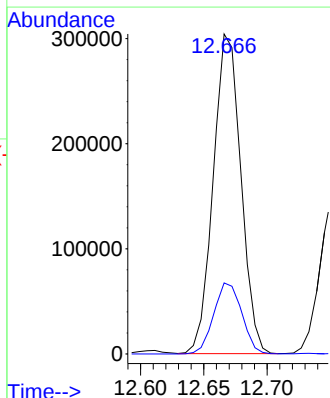
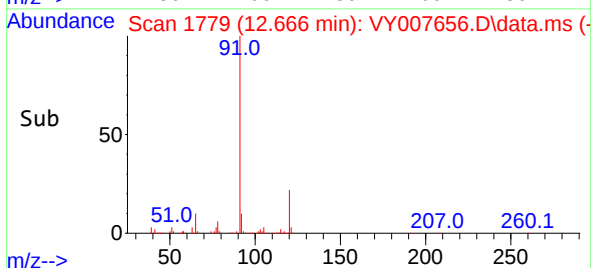
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

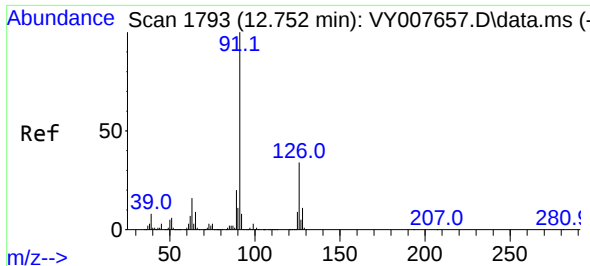


#78
n-propylbenzene
Concen: 19.367 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



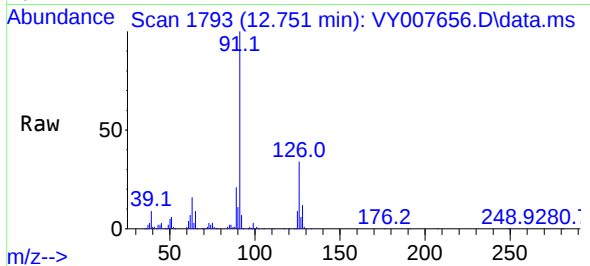
Tgt Ion: 91 Resp: 462000
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79
2-Chlorotoluene
Concen: 18.609 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

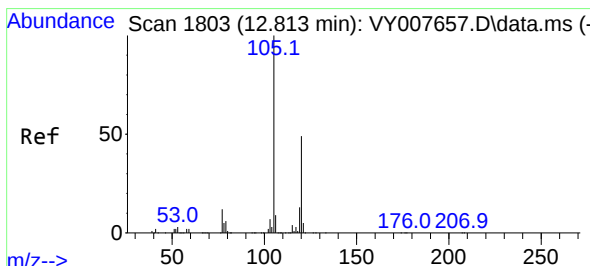
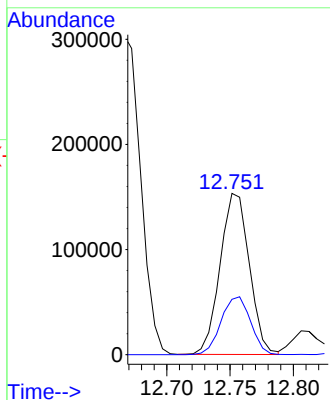
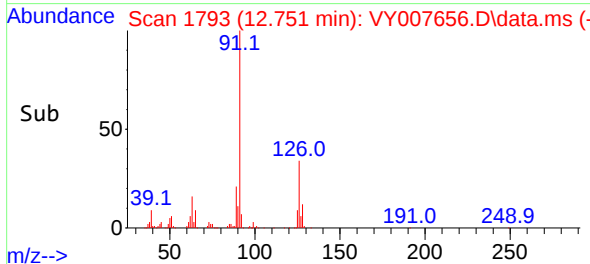
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



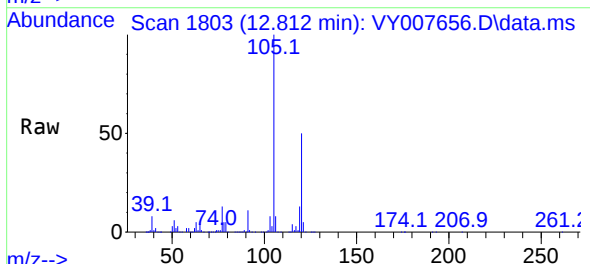
Tgt Ion: 91 Resp: 246449
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.6

Manual Integrations
APPROVED

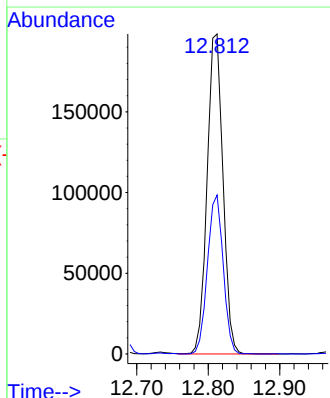
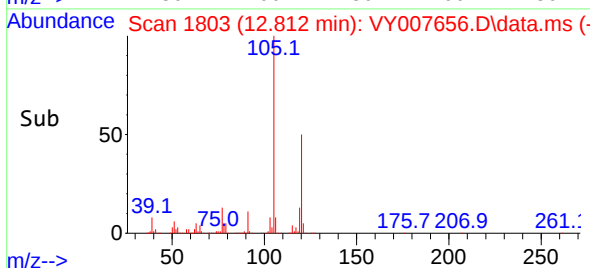
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

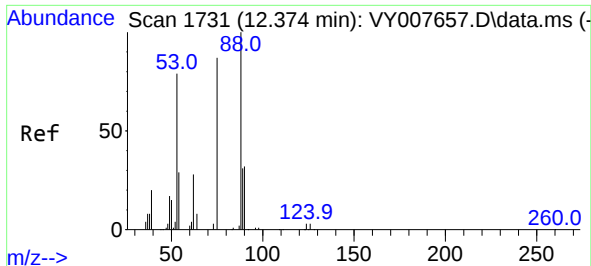


#80
1,3,5-Trimethylbenzene
Concen: 17.692 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



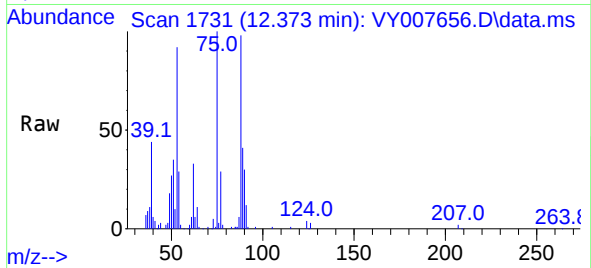
Tgt Ion:105 Resp: 304862
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.075 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

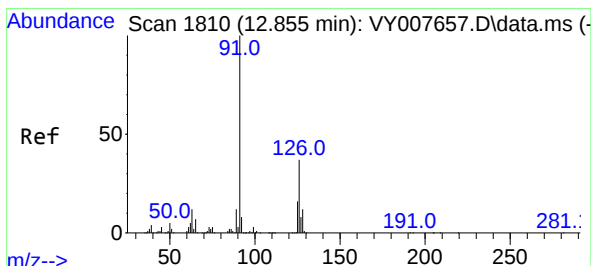
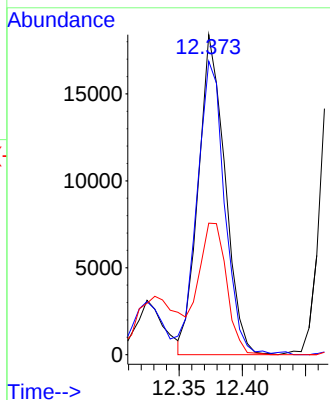
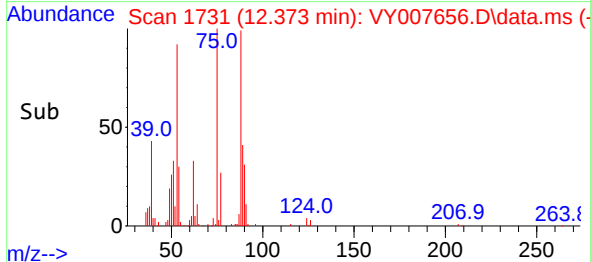
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 26934
Ion Ratio Lower Upper
75 100
53 95.6 85.3 127.9
89 43.2 37.0 55.4

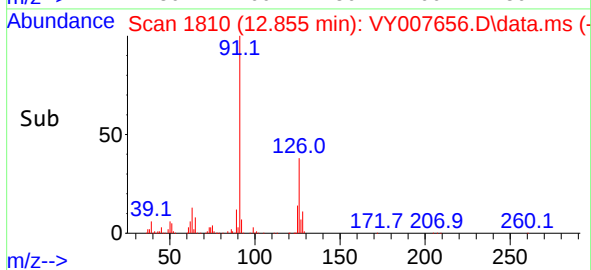
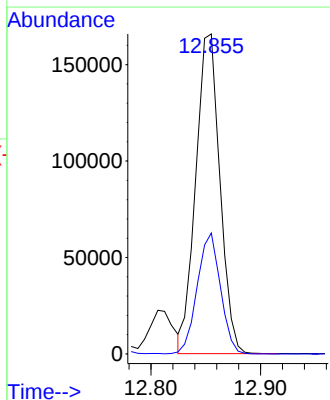
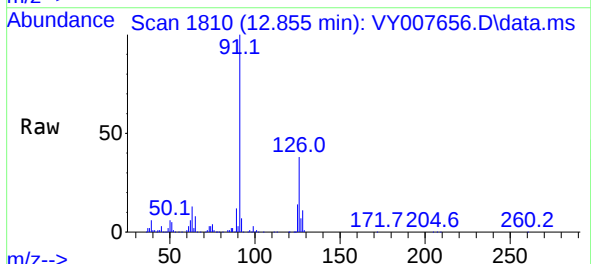
Manual Integrations
APPROVED

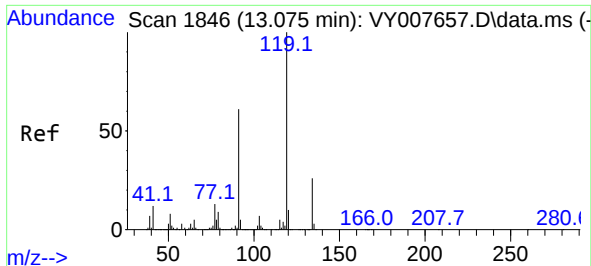
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#82
4-Chlorotoluene
Concen: 18.852 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

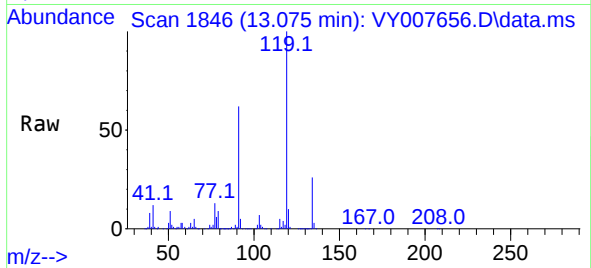
Tgt Ion: 91 Resp: 253794
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 18.034 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

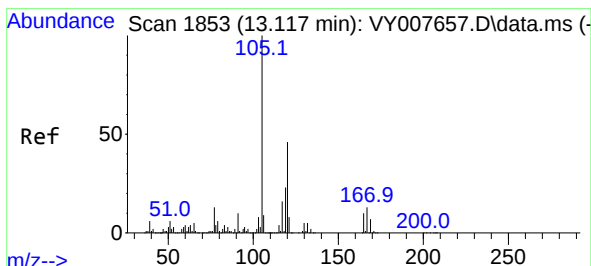
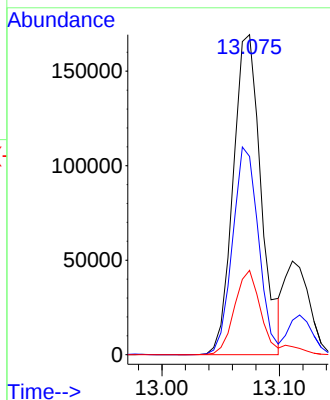
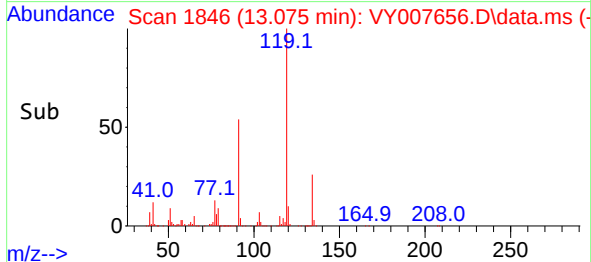
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



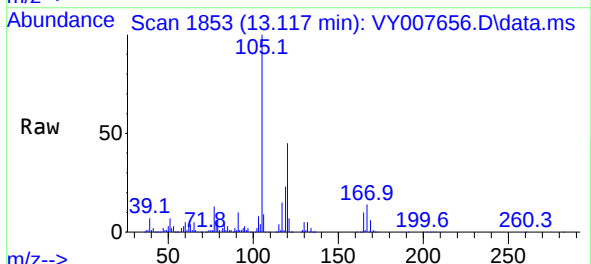
Tgt Ion:119 Resp: 27945
Ion Ratio Lower Upper
119 100
91 60.6 34.8 104.4
134 26.4 13.3 39.9

Manual Integrations
APPROVED

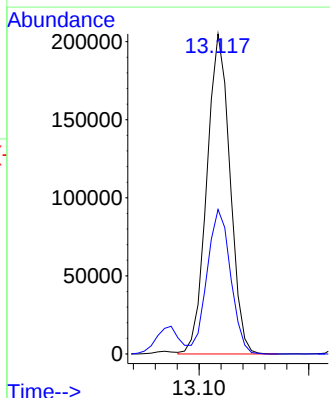
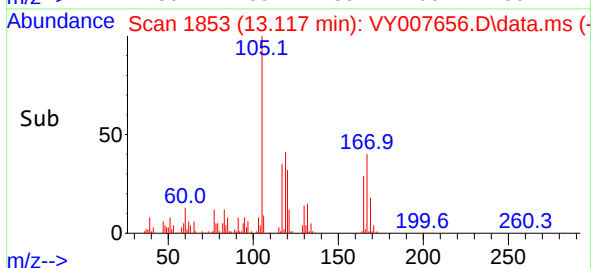
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

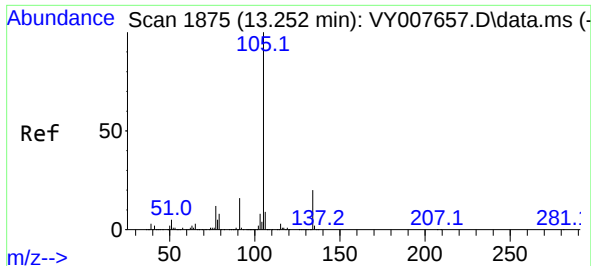


#84
1,2,4-Trimethylbenzene
Concen: 17.817 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



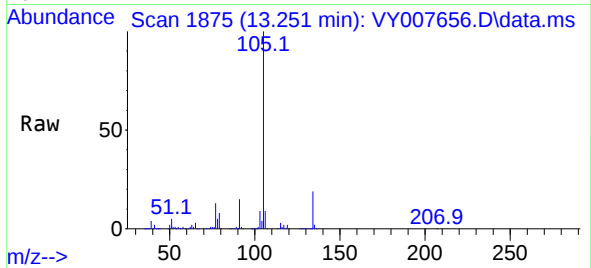
Tgt Ion:105 Resp: 301142
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 18.845 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50

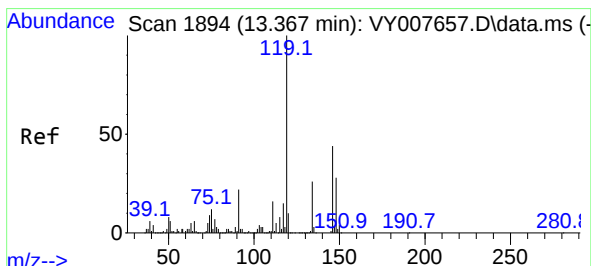
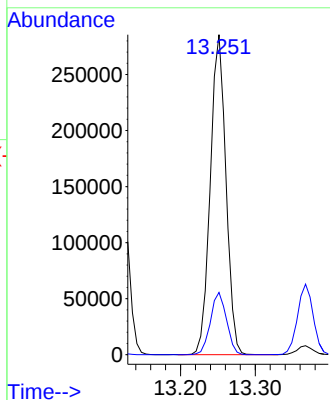
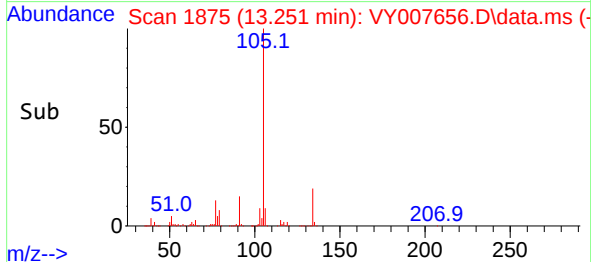
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



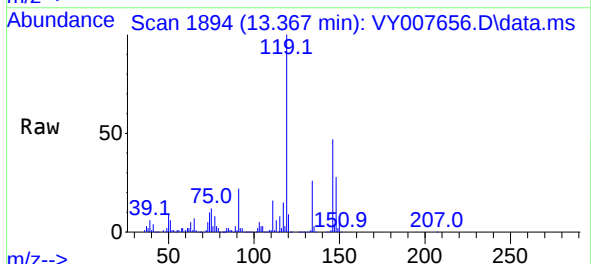
Tgt Ion:105 Resp: 41638
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations
 APPROVED

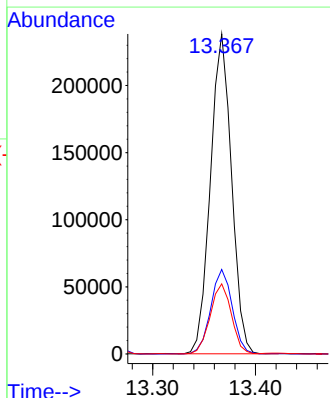
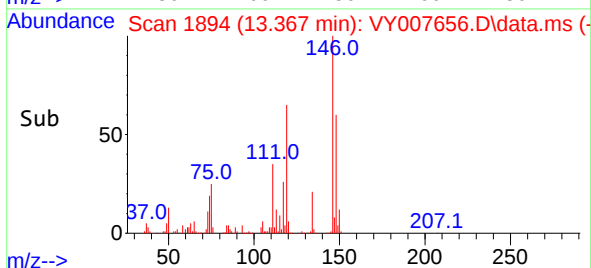
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

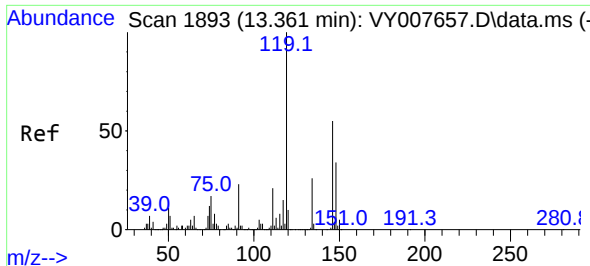


#86
 p-Isopropyltoluene
 Concen: 18.047 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007656.D
 Acq: 28 Feb 2022 17:50



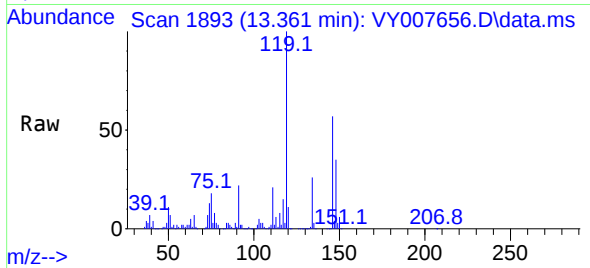
Tgt Ion:119 Resp: 339809
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 22.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.060 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

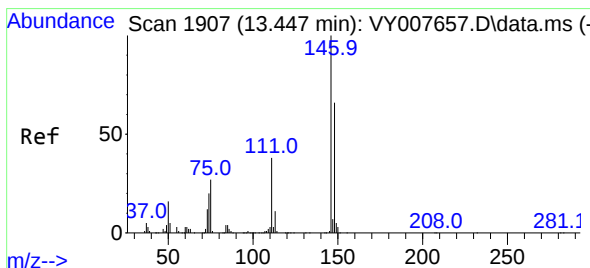
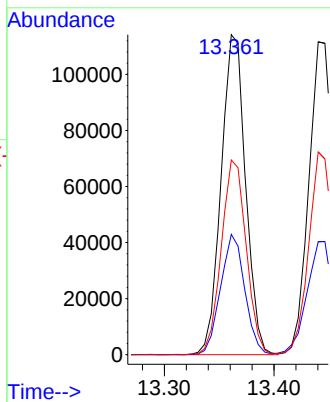
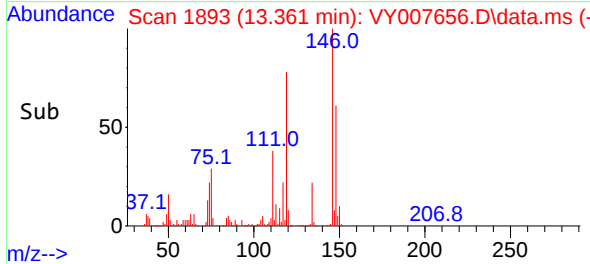
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



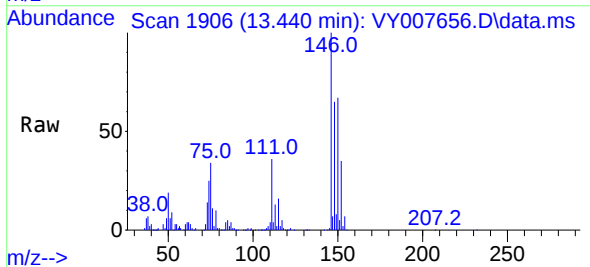
Tgt Ion:146 Resp: 176979
Ion Ratio Lower Upper
146 100
111 37.3 19.5 58.5
148 61.9 31.6 95.0

Manual Integrations
APPROVED

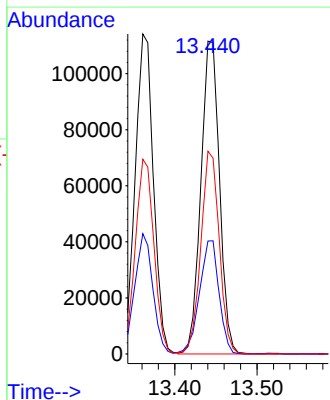
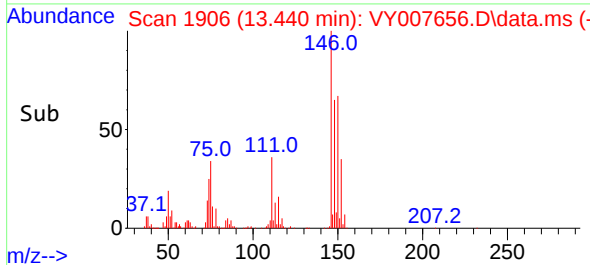
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

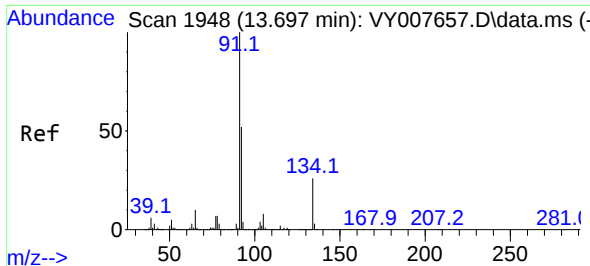


#88
1,4-Dichlorobenzene
Concen: 18.277 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50



Tgt Ion:146 Resp: 175648
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.2 32.6 97.8





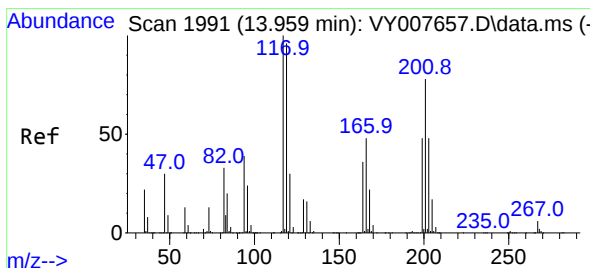
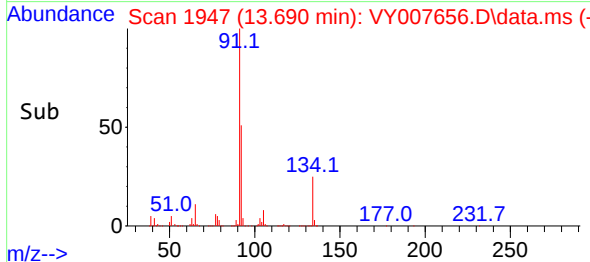
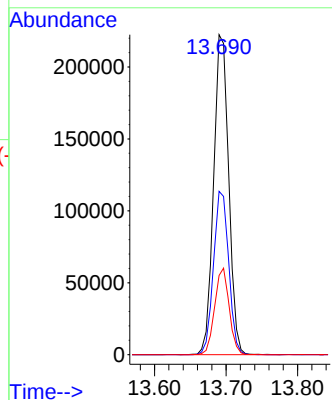
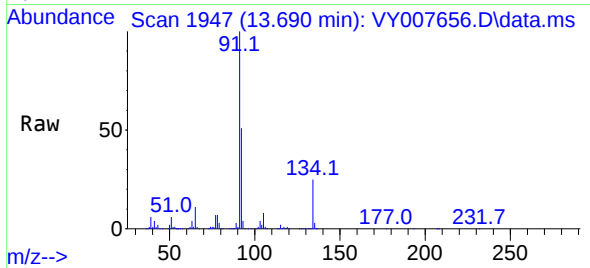
#89
n-Butylbenzene
Concen: 19.024 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 325330
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 26.1 13.0 38.9

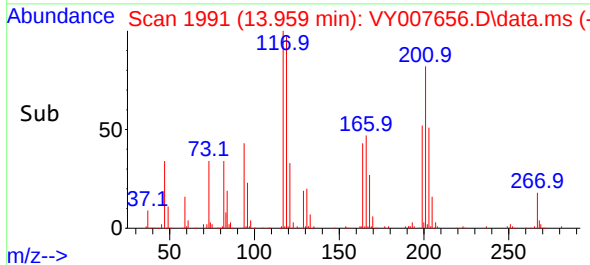
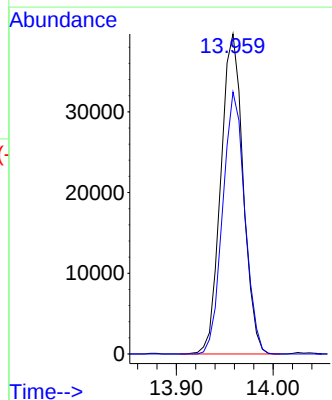
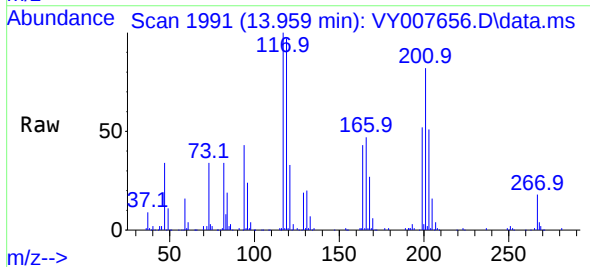
Manual Integrations
APPROVED

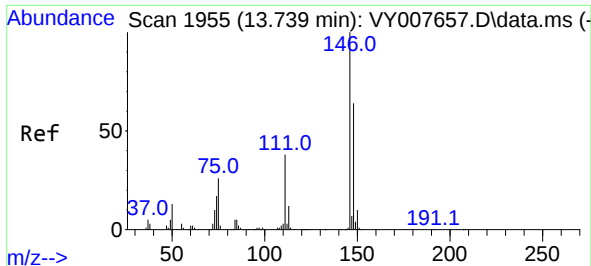
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#90
Hexachloroethane
Concen: 16.987 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:117 Resp: 63499
Ion Ratio Lower Upper
117 100
201 80.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 17.526 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 155439

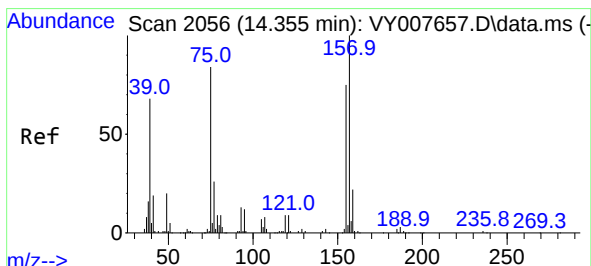
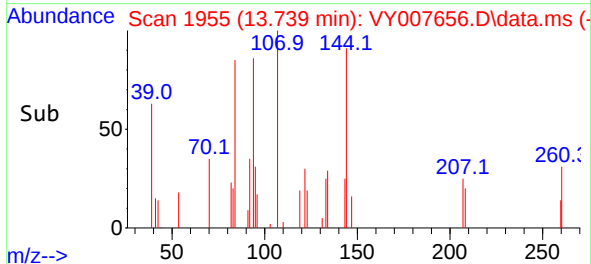
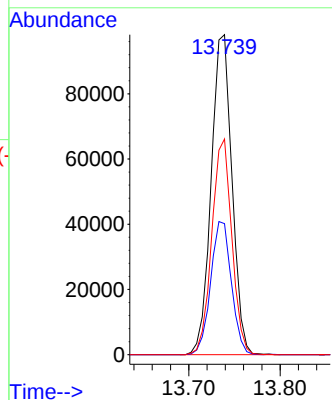
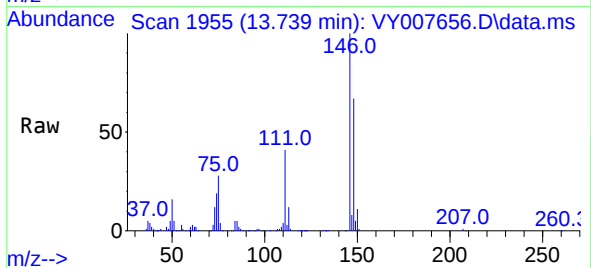
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.9
148	65.0	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.818 ug/l

RT: 14.355 min Scan# 2056

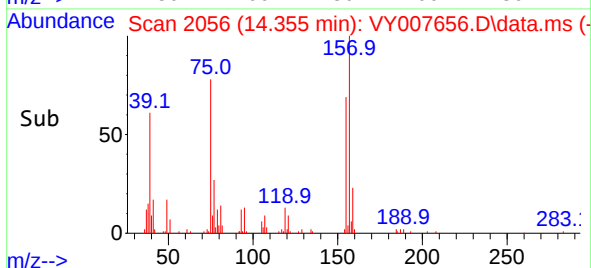
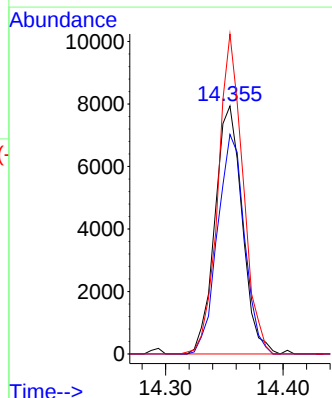
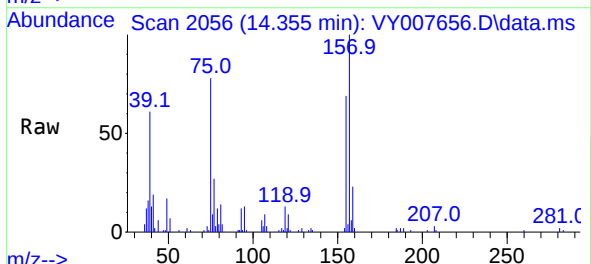
Delta R.T. -0.000 min

Lab File: VY007656.D

Acq: 28 Feb 2022 17:50

Tgt Ion: 75 Resp: 12805

Ion	Ratio	Lower	Upper
75	100		
155	87.5	38.0	113.9
157	117.8	47.8	143.3





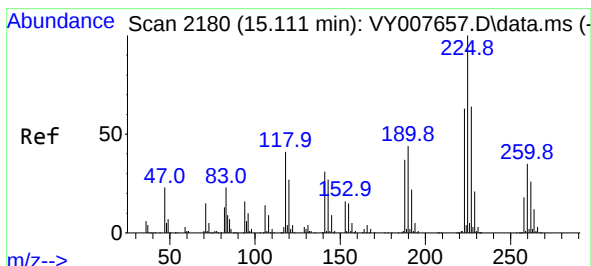
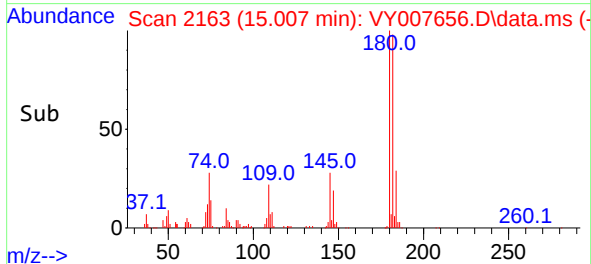
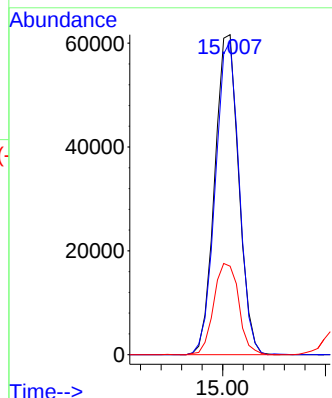
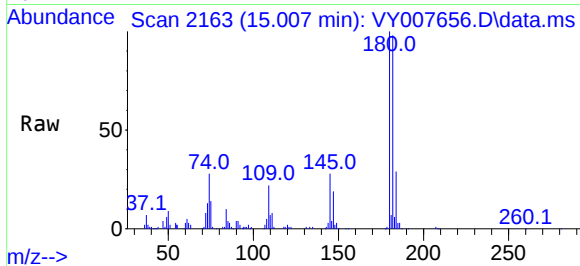
#93
1,2,4-Trichlorobenzene
Concen: 16.440 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 99789
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 29.6 14.6 43.8

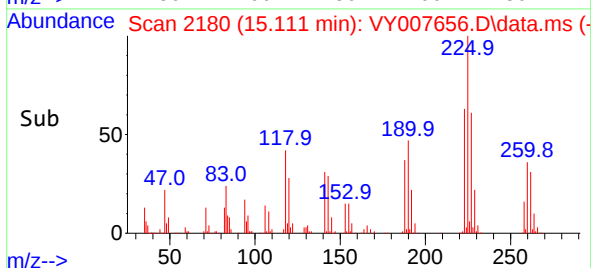
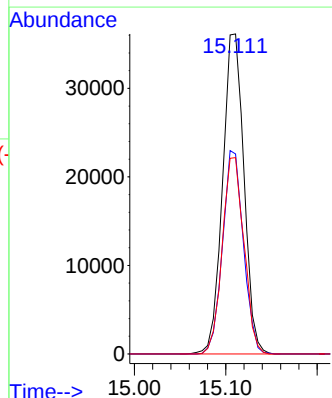
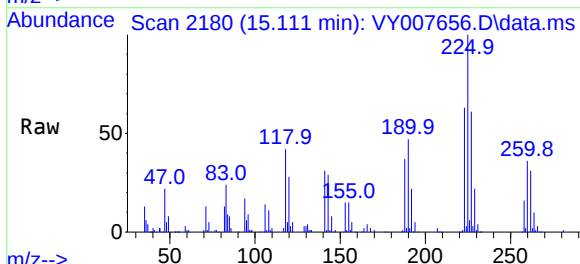
Manual Integrations
APPROVED

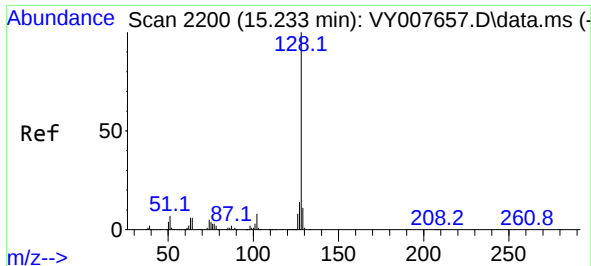
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#94
Hexachlorobutadiene
Concen: 17.310 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:225 Resp: 58670
Ion Ratio Lower Upper
225 100
223 62.0 30.8 92.3
227 62.3 31.6 94.7





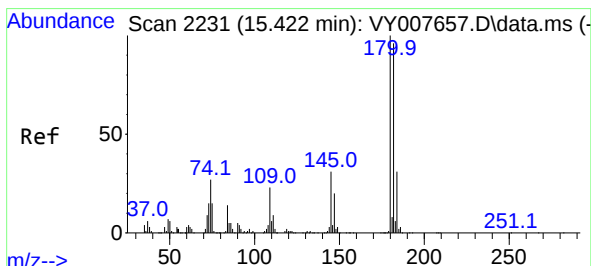
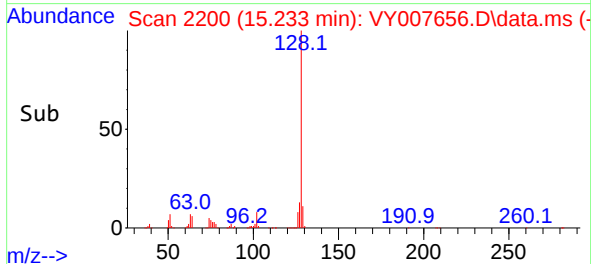
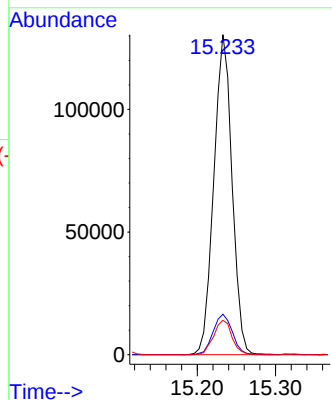
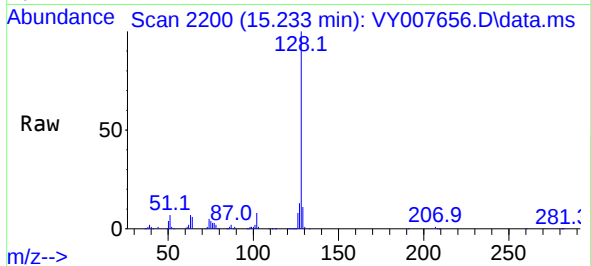
#95
Naphthalene
Concen: 16.350 ug/l
RT: 15.233 min Scan# 210824
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 210824
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.225 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007656.D
Acq: 28 Feb 2022 17:50

Tgt Ion:180 Resp: 90443
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 30.0 15.3 45.9

