

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007652.D
 Acq On : 25 Feb 2022 21:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 28 00:00:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	62388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30894	44.513	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.020%		
35) Dibromofluoromethane	7.716	113	28264	48.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.120%		
50) Toluene-d8	10.179	98	97560	45.227	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.460%		
62) 4-Bromofluorobenzene	12.477	95	33733	45.362	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36699	47.562	ug/l	100
3) Chloromethane	2.107	50	40622	53.209	ug/l	97
4) Vinyl Chloride	2.253	62	47434	51.826	ug/l	94
5) Bromomethane	2.649	94	34293	62.226	ug/l	100
6) Chloroethane	2.790	64	31854	54.704	ug/l	97
7) Trichlorofluoromethane	3.125	101	90029	50.994	ug/l	92
8) Diethyl Ether	3.527	74	20215	44.875	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.905	101	35464	46.756	ug/l	98
10) Methyl Iodide	4.088	142	49373	53.335	ug/l	94
11) Tert butyl alcohol	4.960	59	14858	212.555	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	32306	45.842	ug/l #	80
13) Acrolein	3.729	56	11175	125.106	ug/l	97
14) Allyl chloride	4.478	41	28977	44.478	ug/l #	51
15) Acrylonitrile	5.161	53	32913	211.855	ug/l	97
16) Acetone	3.948	43	32979	208.645	ug/l	95
17) Carbon Disulfide	4.198	76	74510	42.544	ug/l	98
18) Methyl Acetate	4.484	43	13499	39.922	ug/l #	61
19) Methyl tert-butyl Ether	5.222	73	92734	48.962	ug/l #	90
20) Methylene Chloride	4.722	84	34708	46.001	ug/l #	69
21) trans-1,2-Dichloroethene	5.216	96	33251	47.292	ug/l #	78
22) Diisopropyl ether	6.118	45	58919	43.040	ug/l #	62
23) Vinyl Acetate	6.057	43	232155	235.072	ug/l #	76
24) 1,1-Dichloroethane	6.015	63	48057	45.970	ug/l #	92
25) 2-Butanone	6.990	43	37104	207.051	ug/l #	62
26) 2,2-Dichloropropane	6.984	77	56376	48.028	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	36948	45.274	ug/l	81
28) Bromochloromethane	7.338	49	15244	42.776	ug/l #	42
29) Tetrahydrofuran	7.350	42	21370	204.901	ug/l #	48
30) Chloroform	7.508	83	65897	49.240	ug/l	93
31) Cyclohexane	7.789	56	32912	44.631	ug/l #	72
32) 1,1,1-Trichloroethane	7.703	97	68297	51.314	ug/l	96
36) 1,1-Dichloropropene	7.917	75	39232	46.291	ug/l	93
37) Ethyl Acetate	7.075	43	18683	48.967	ug/l #	93
38) Carbon Tetrachloride	7.899	117	66085	53.248	ug/l	98
39) Methylcyclohexane	9.179	83	46294	47.790	ug/l #	81
40) Benzene	8.161	78	110549	45.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9748m	46.326	ug/l	
42) 1,2-Dichloroethane	8.234	62	44705	50.472	ug/l	97
43) Isopropyl Acetate	8.270	43	36568	46.922	ug/l #	84
44) Trichloroethene	8.935	130	39989	48.737	ug/l	98
45) 1,2-Dichloropropane	9.215	63	22712	44.135	ug/l	93
46) Dibromomethane	9.307	93	22770	51.602	ug/l	98
47) Bromodichloromethane	9.496	83	51138	51.457	ug/l #	93
48) Methyl methacrylate	9.289	41	15426	46.937	ug/l #	45
49) 1,4-Dioxane	9.301	88	5392	960.388	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	98274	250.555	ug/l	92
52) Toluene	10.240	92	79247	48.048	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	47401	47.534	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	49532	47.045	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	26462	46.560	ug/l	89
56) Ethyl methacrylate	10.508	69	31892	47.611	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	40392	46.320	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	66668	204.530	ug/l #	73
59) 2-Hexanone	10.831	43	67152	240.233	ug/l	93
60) Dibromochloromethane	10.983	129	40786	53.057	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27012	47.232	ug/l	98
64) Tetrachloroethene	10.715	164	37787	56.116	ug/l	95
65) Chlorobenzene	11.514	112	94730	49.465	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	38815	51.154	ug/l	98
67) Ethyl Benzene	11.593	91	161630	50.323	ug/l	99
68) m/p-Xylenes	11.703	106	123402	98.106	ug/l	98
69) o-Xylene	12.026	106	61544	49.749	ug/l	96
70) Styrene	12.044	104	102044	49.311	ug/l	99
71) Bromoform	12.209	173	25945	51.620	ug/l #	95
73) Isopropylbenzene	12.331	105	164001	48.488	ug/l	97
74) N-amyl acetate	12.142	43	34185	51.899	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	29074	47.407	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	20919m	47.634	ug/l	
77) Bromobenzene	12.611	156	41882	47.501	ug/l	80
78) n-propylbenzene	12.672	91	191858	49.114	ug/l	97
79) 2-Chlorotoluene	12.757	91	104577	48.088	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	143485	49.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	8749	42.835	ug/l #	84
82) 4-Chlorotoluene	12.855	91	107953	48.677	ug/l	93
83) tert-Butylbenzene	13.074	119	128704	50.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	144420	51.209	ug/l	100
85) sec-Butylbenzene	13.251	105	177349	48.811	ug/l	97
86) p-Isopropyltoluene	13.367	119	156566	50.143	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	81536	49.781	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	82677	51.559	ug/l	98
89) n-Butylbenzene	13.696	91	136856	48.680	ug/l	96
90) Hexachloroethane	13.958	117	33068	52.541	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	73594	49.462	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6246	50.636	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	52102	50.220	ug/l	98
94) Hexachlorobutadiene	15.111	225	28525	49.554	ug/l	98
95) Naphthalene	15.233	128	114420	51.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45574	50.847	ug/l	98

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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

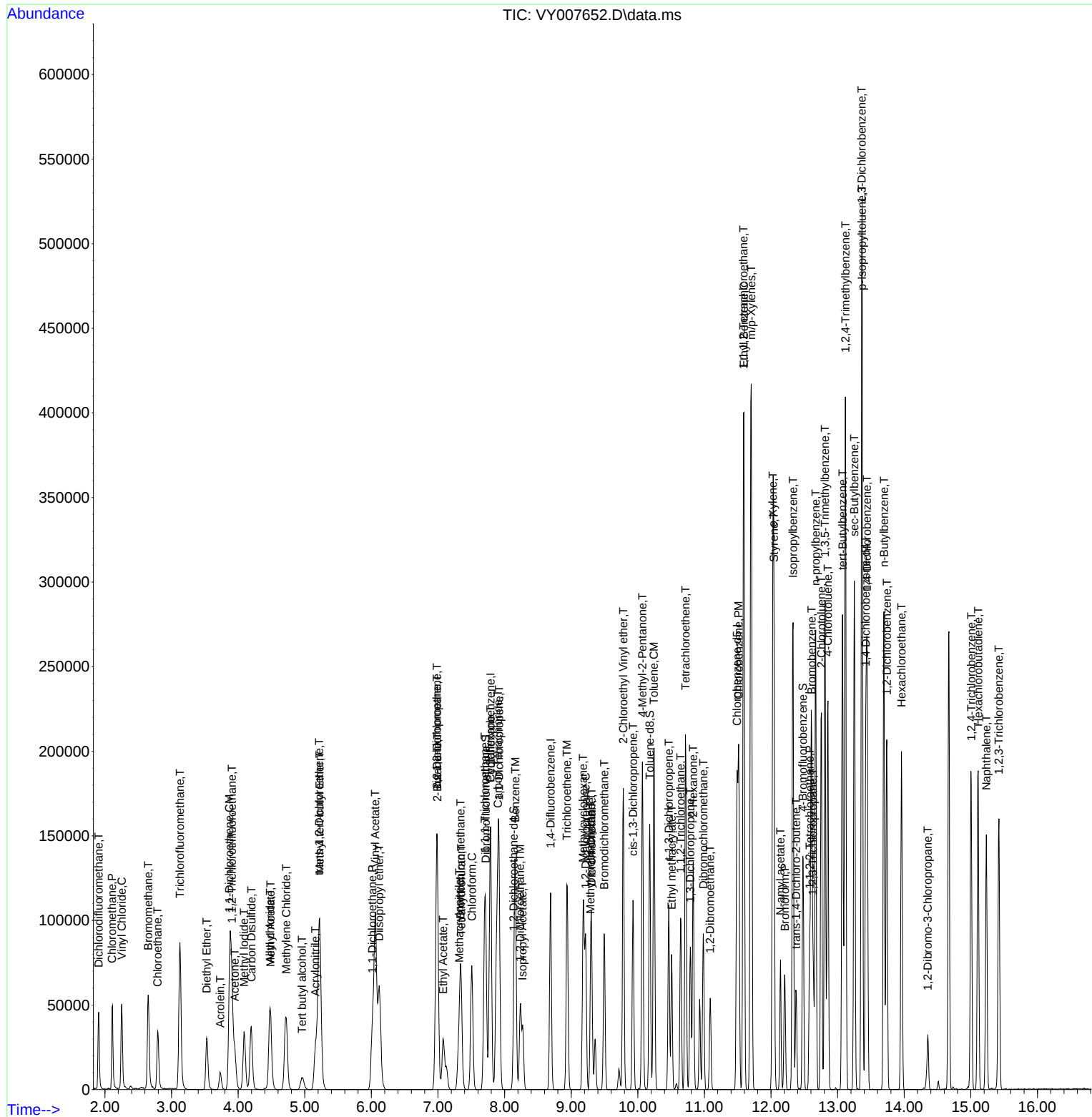
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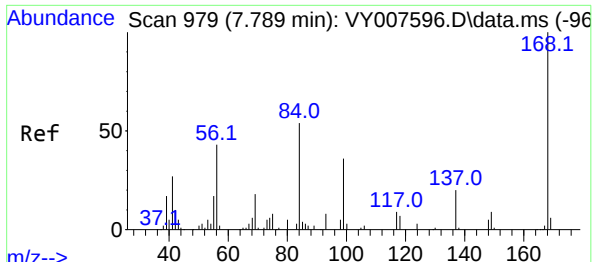
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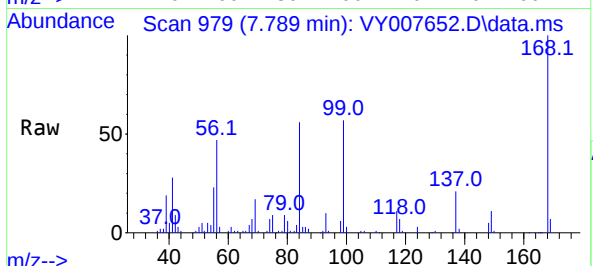
Reviewed By : John Carlone 02/28/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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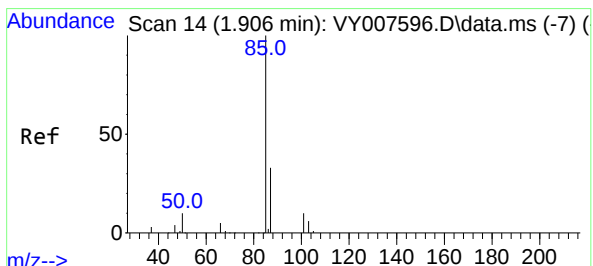
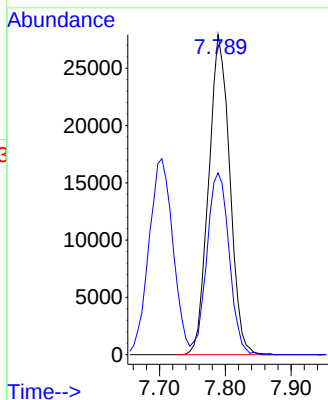
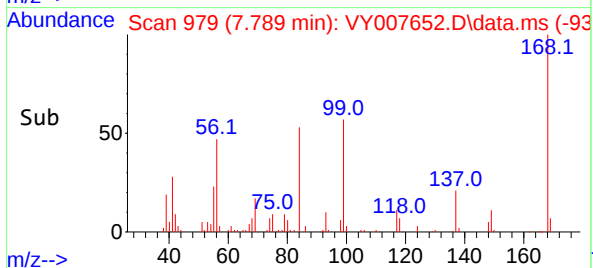
Instrument :
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Tgt Ion:168 Resp: 6238
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3

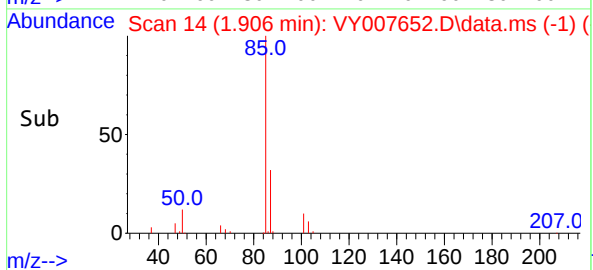
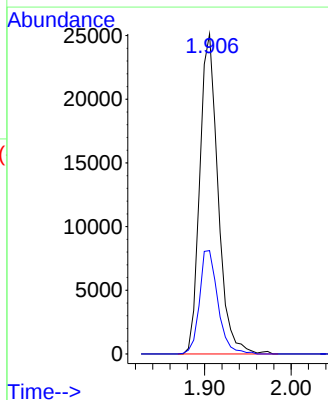
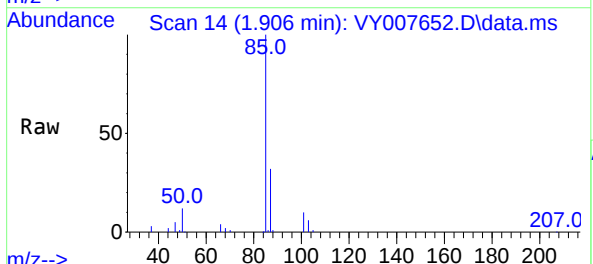
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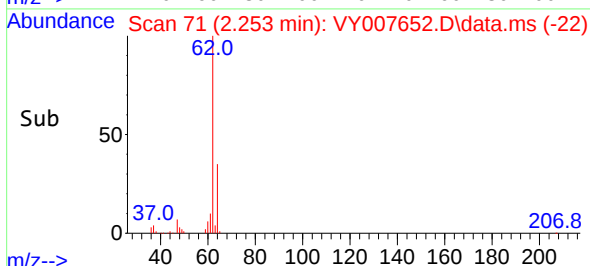
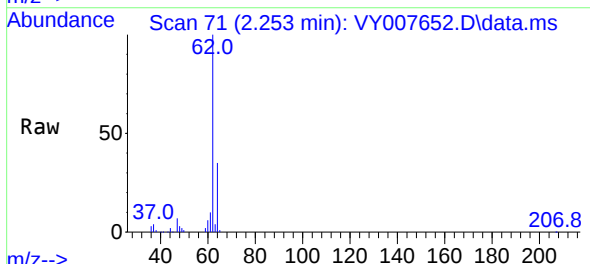
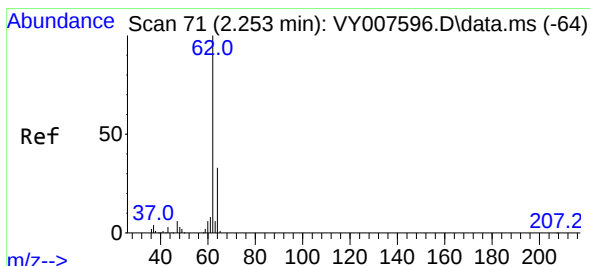
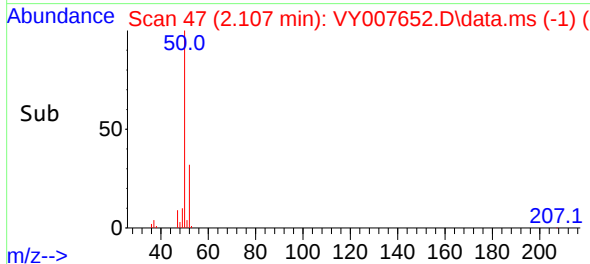
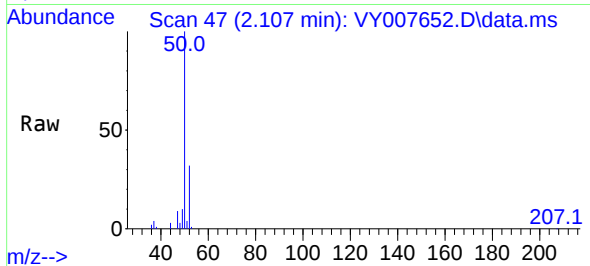
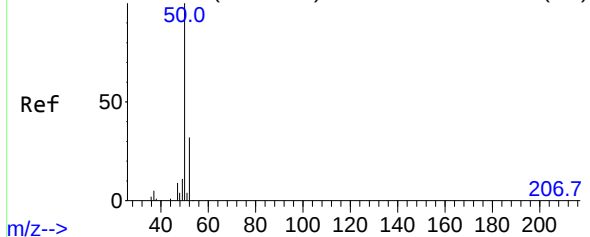


#2
Dichlorodifluoromethane
Concen: 47.562 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion: 85 Resp: 36699
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2



Abundance Scan 48 (2.113 min): VY007596.D\data.ms (-42)



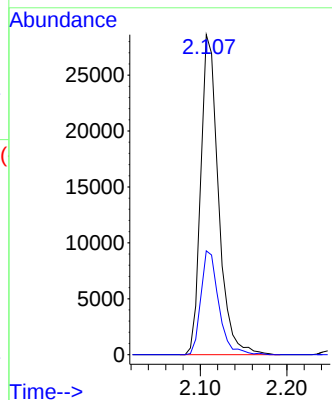
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Chloromethane
Concen: 53.209 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion: 50 Resp: 4062
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0

Instrument :
MSVOA_Y
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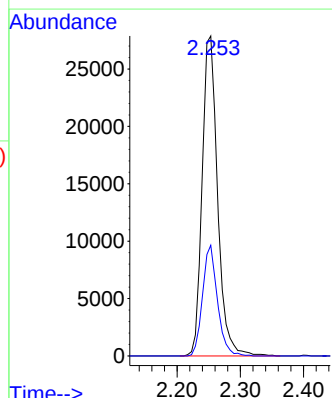
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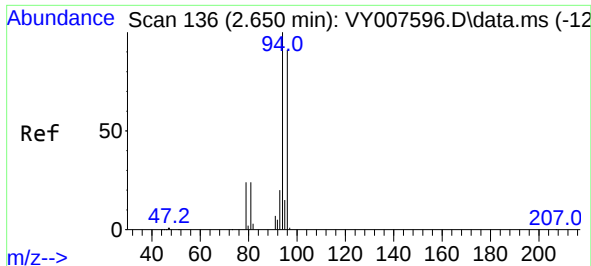
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#4
Vinyl Chloride
Concen: 51.826 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

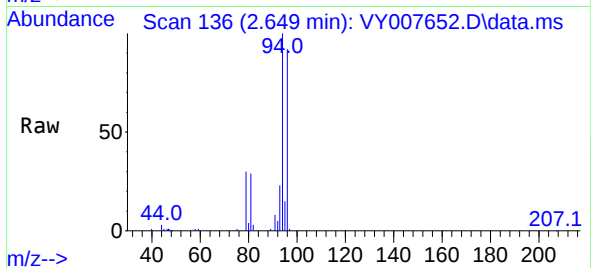
Tgt Ion: 62 Resp: 47434
Ion Ratio Lower Upper
62 100
64 34.6 25.0 37.6





#5
Bromomethane
Concen: 62.226 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

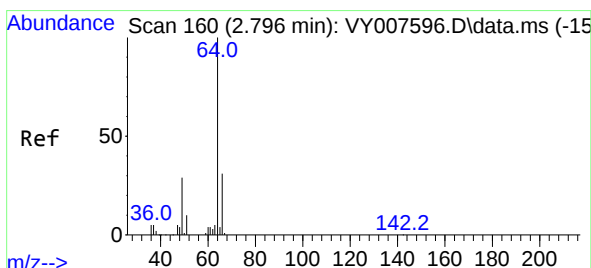
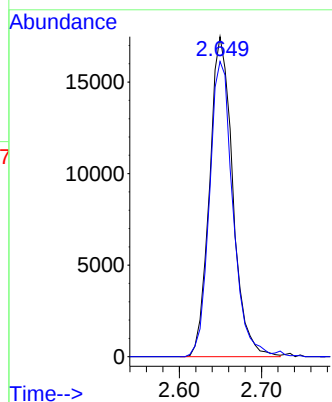
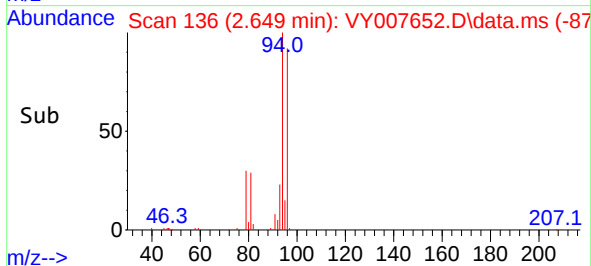
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Tgt Ion: 94 Resp: 3429
Ion Ratio Lower Upper
94 100
96 92.2 73.5 110.3

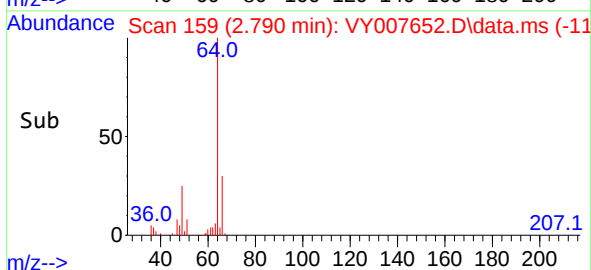
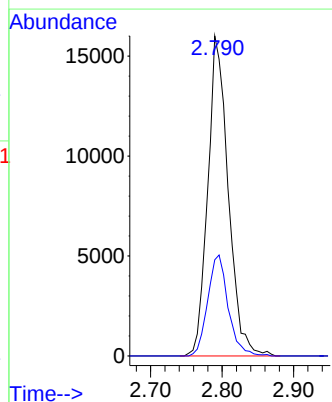
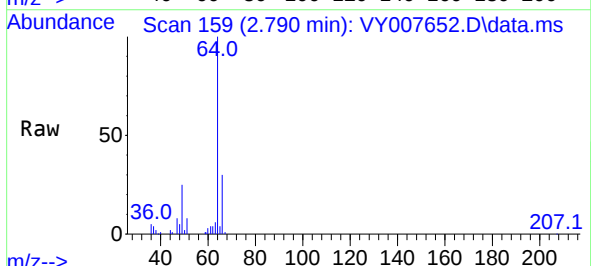
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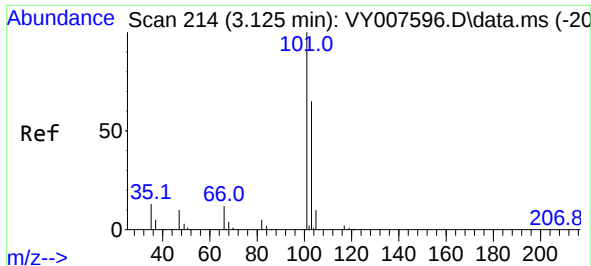
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#6
Chloroethane
Concen: 54.704 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

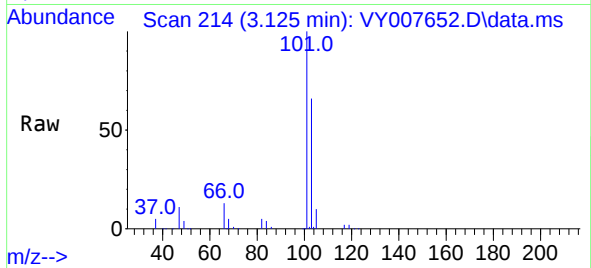
Tgt Ion: 64 Resp: 31854
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.0





#7
Trichlorofluoromethane
Concen: 50.994 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

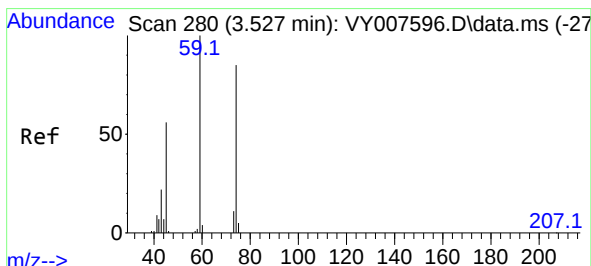
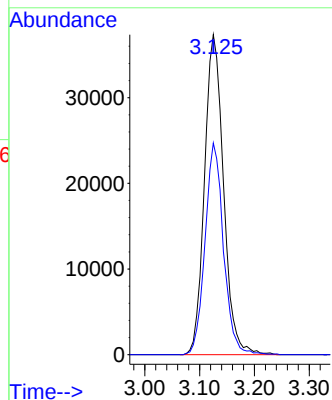
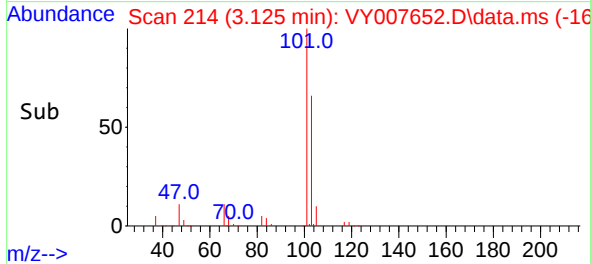
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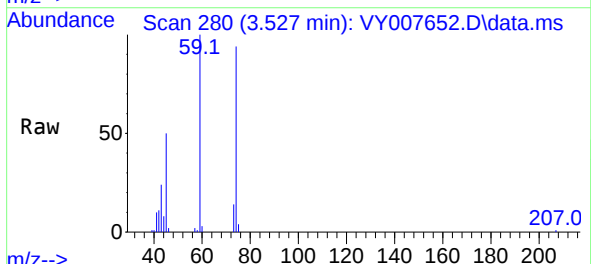
Tgt Ion:101 Resp: 90029
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0

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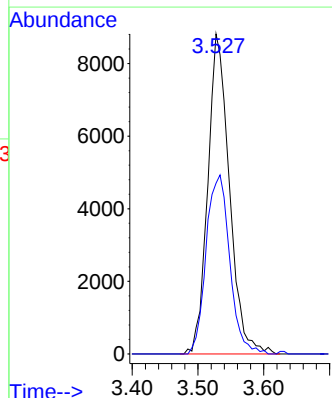
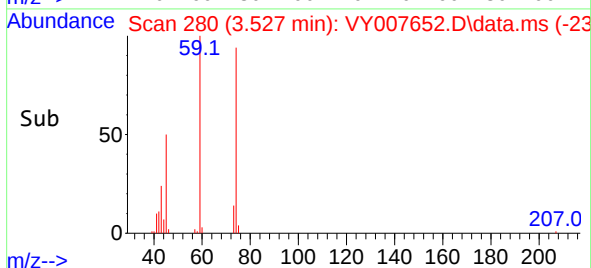
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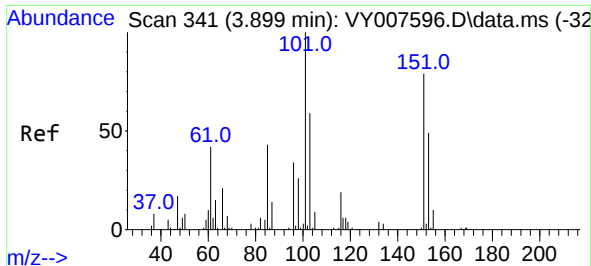


#8
Diethyl Ether
Concen: 44.875 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion: 74 Resp: 20215
Ion Ratio Lower Upper
74 100
45 60.9 55.1 165.5





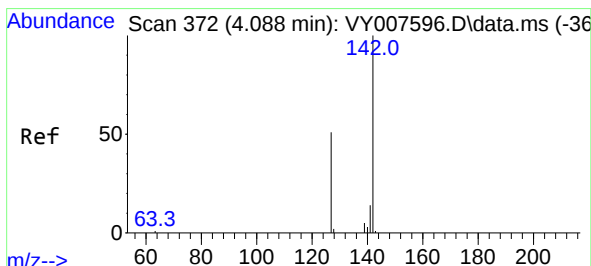
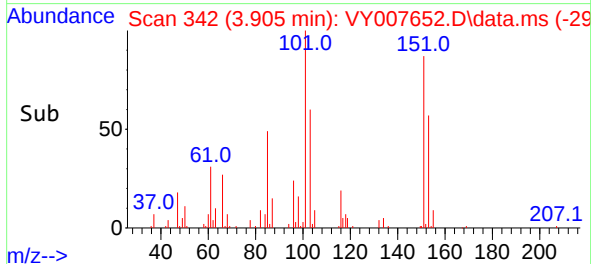
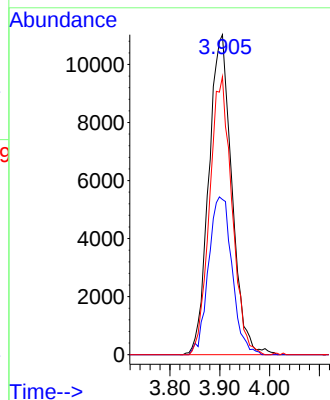
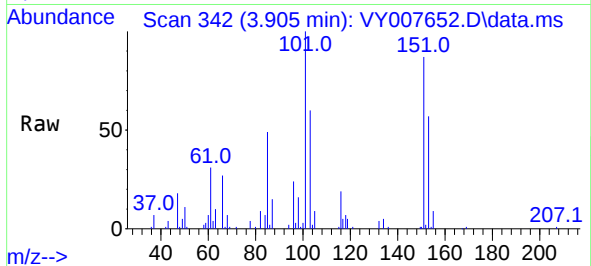
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.756 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3546
Ion Ratio Lower Upper
101 100
85 50.3 40.6 60.8
151 83.9 64.9 97.3

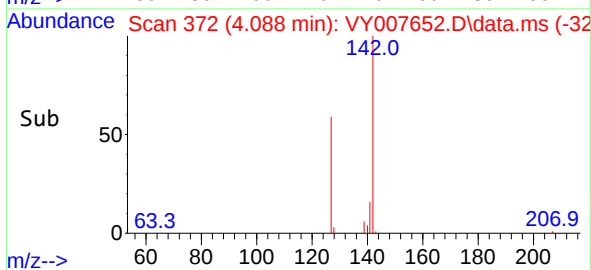
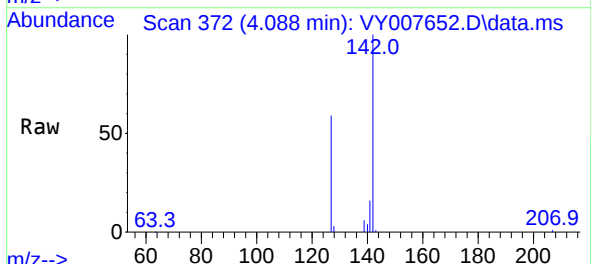
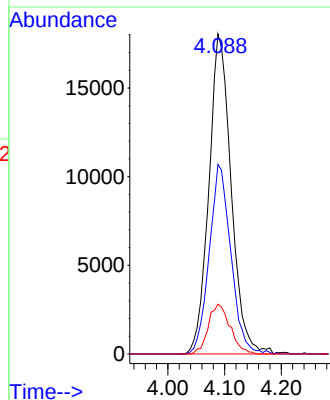
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#10
Methyl Iodide
Concen: 53.335 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion:142 Resp: 49373
Ion Ratio Lower Upper
142 100
127 57.4 41.5 62.3
141 15.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 212.555 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY007652.D

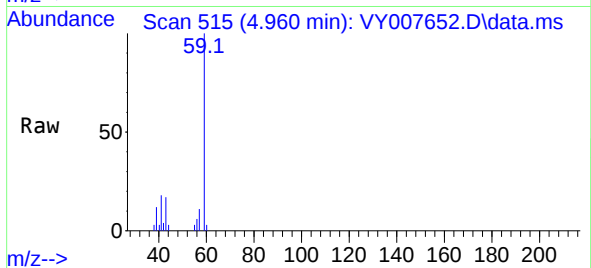
Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 1485

Ion Ratio Lower Upper

59 100

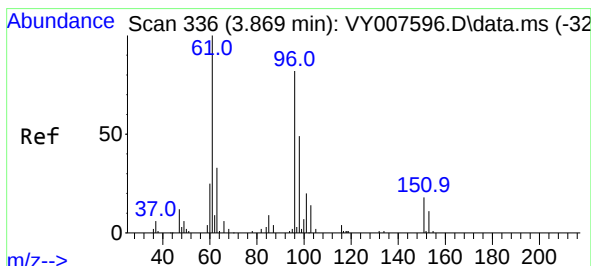
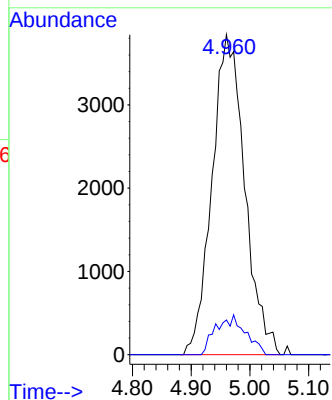
57 5.8 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#12

1,1-Dichloroethene

Concen: 45.842 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

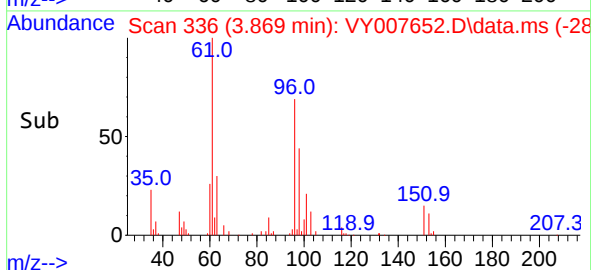
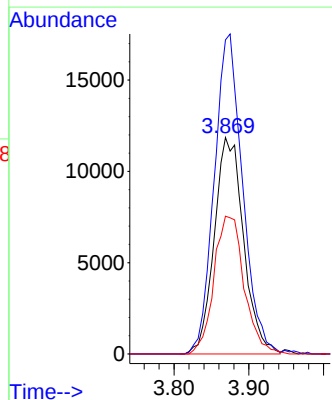
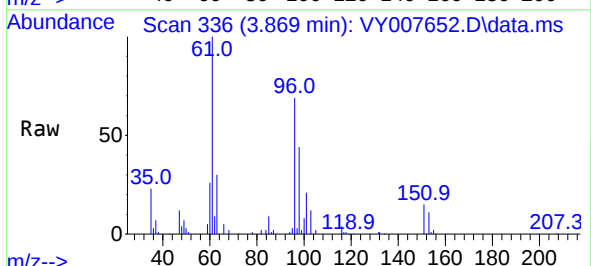
Tgt Ion: 96 Resp: 32306

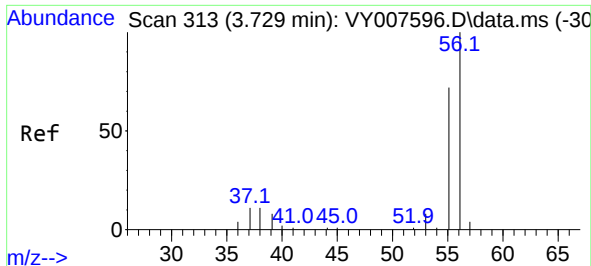
Ion Ratio Lower Upper

96 100

61 145.0 145.8 218.6

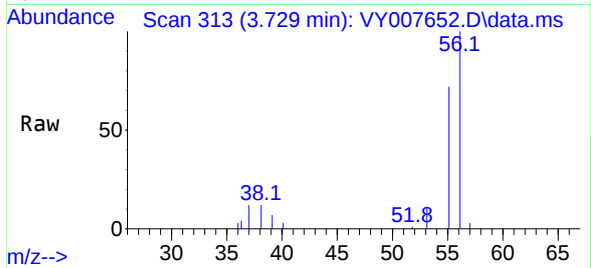
98 63.6 52.5 78.7





#13
Acrolein
Concen: 125.106 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

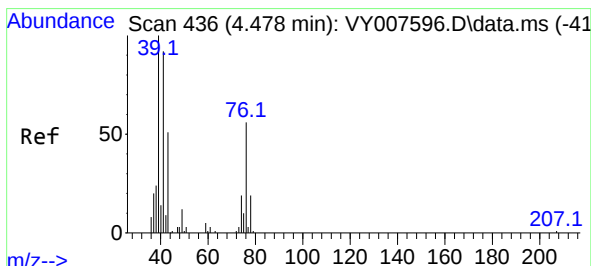
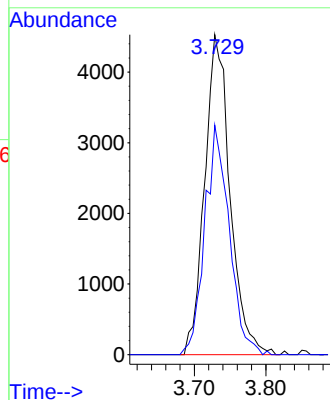
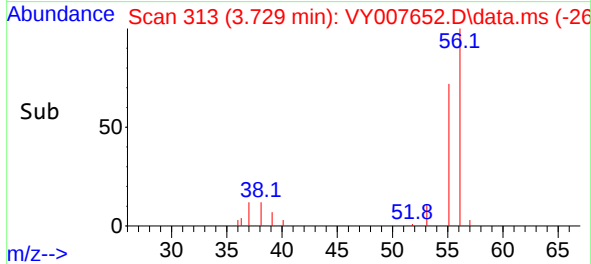
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1117
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4

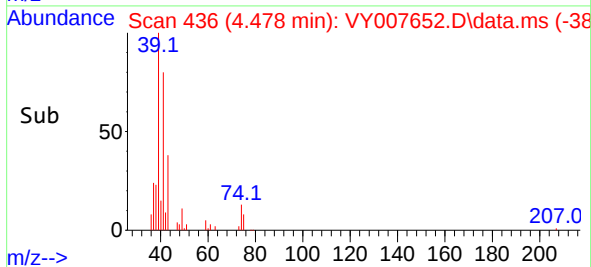
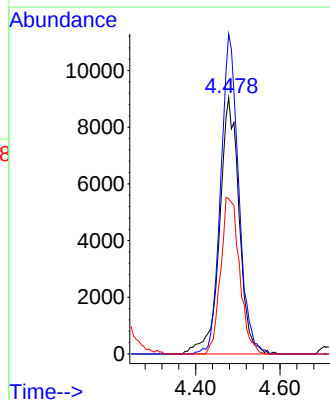
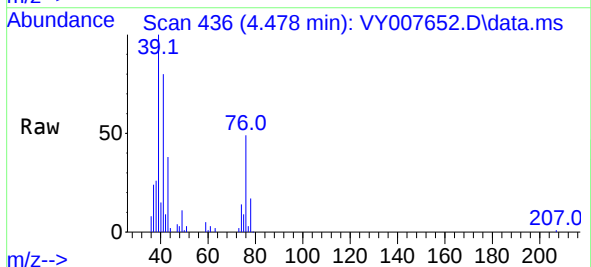
Manual Integrations
APPROVED

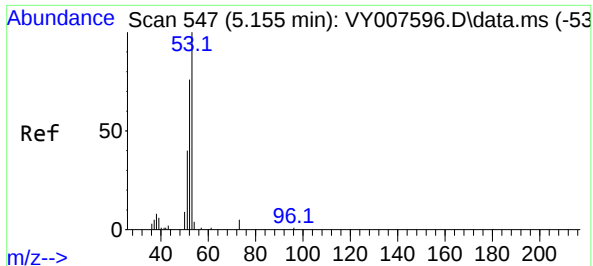
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#14
Allyl chloride
Concen: 44.478 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

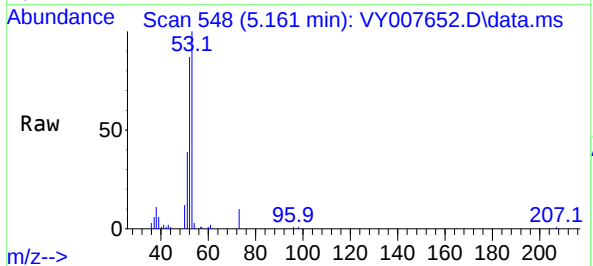
Tgt Ion: 41 Resp: 28977
Ion Ratio Lower Upper
41 100
39 114.2 58.8 88.2#
76 58.9 25.1 37.7#





#15
Acrylonitrile
Concen: 211.855 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

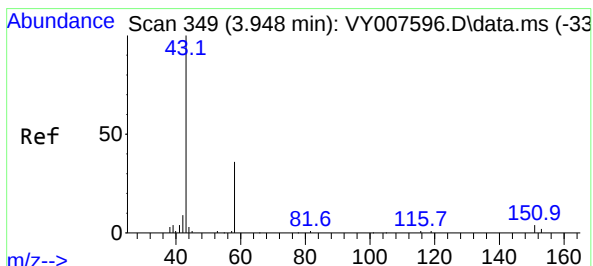
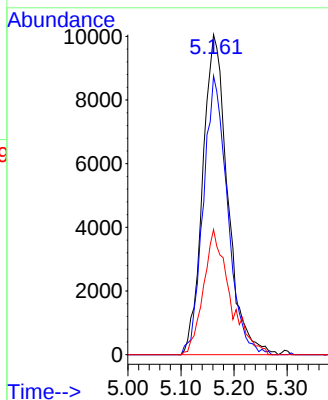
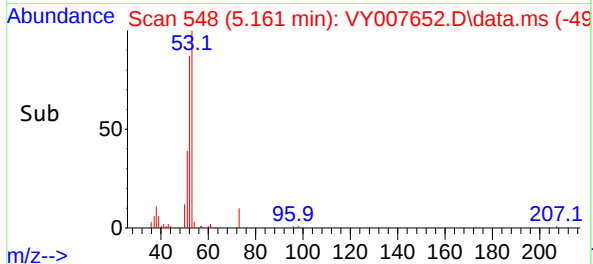
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



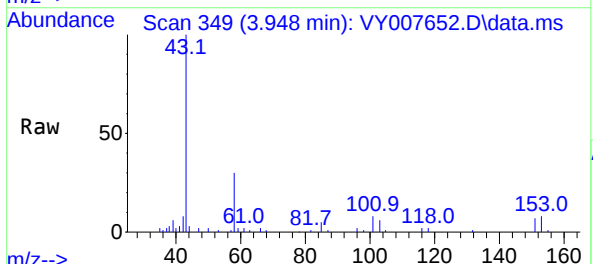
Tgt Ion: 53 Resp: 32911
Ion Ratio Lower Upper
53 100
52 84.6 67.0 100.4
51 41.3 29.8 44.6

Manual Integrations
APPROVED

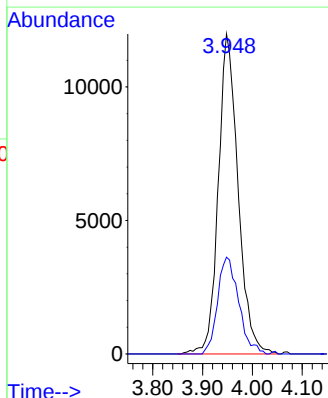
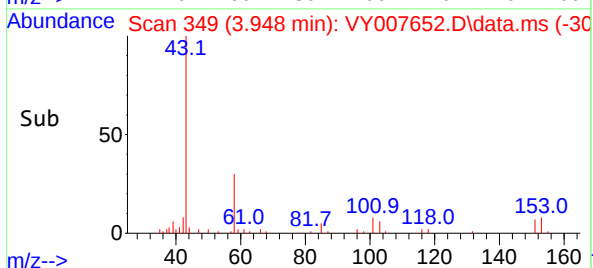
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

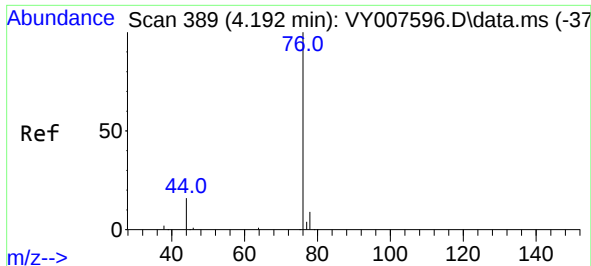


#16
Acetone
Concen: 208.645 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



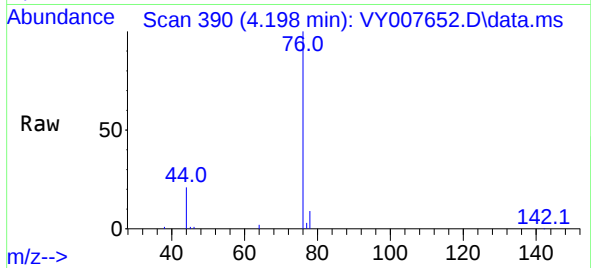
Tgt Ion: 43 Resp: 32979
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0





#17
Carbon Disulfide
Concen: 42.544 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

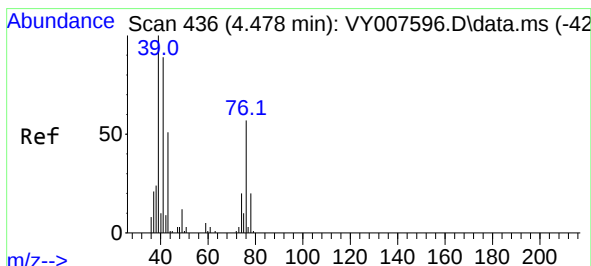
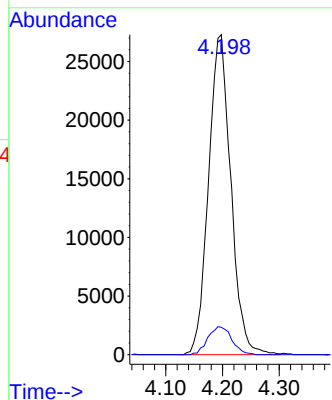
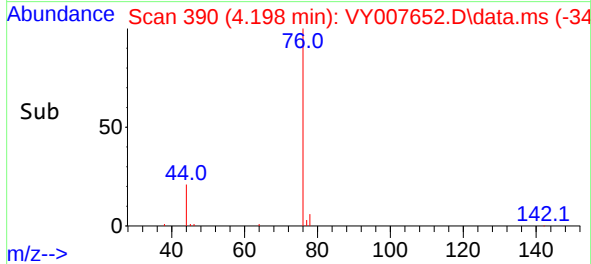
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 74510
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

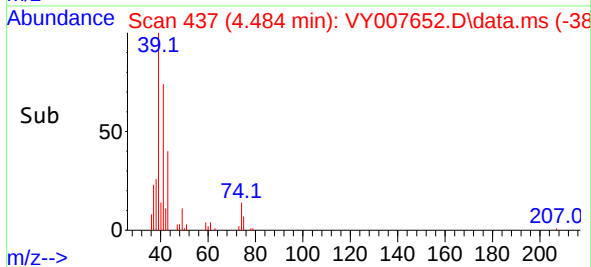
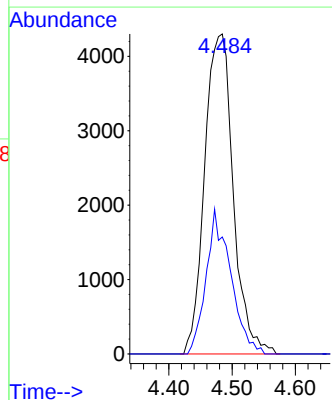
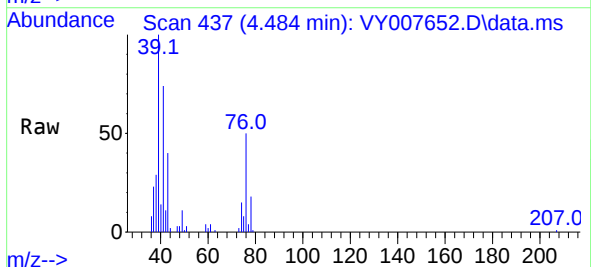
Manual Integrations
APPROVED

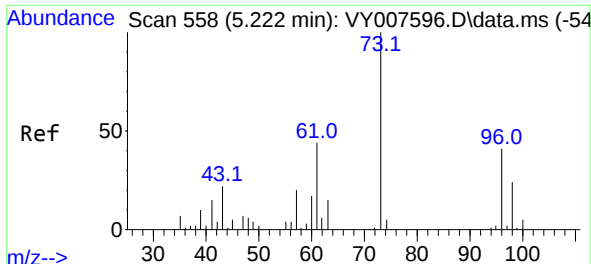
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#18
Methyl Acetate
Concen: 39.922 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

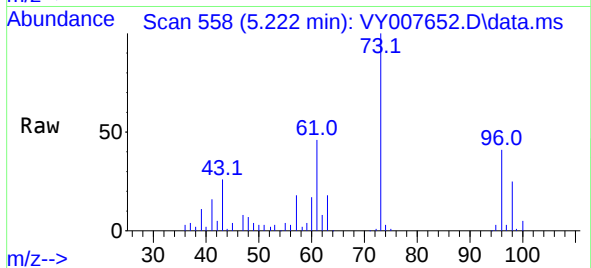
Tgt Ion: 43 Resp: 13499
Ion Ratio Lower Upper
43 100
74 38.9 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 48.962 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

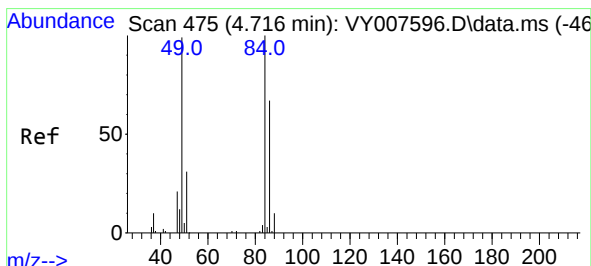
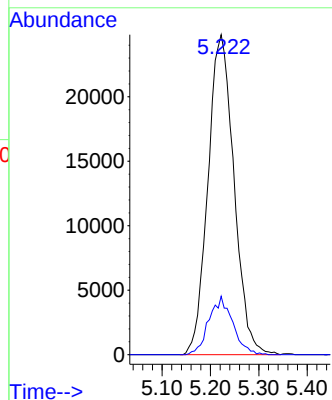
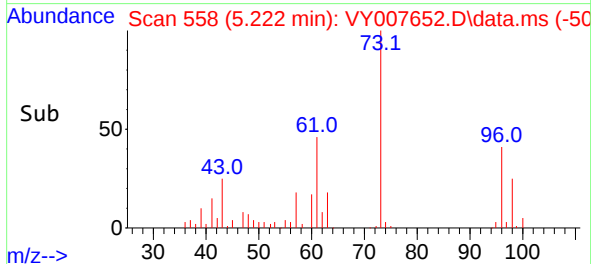
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



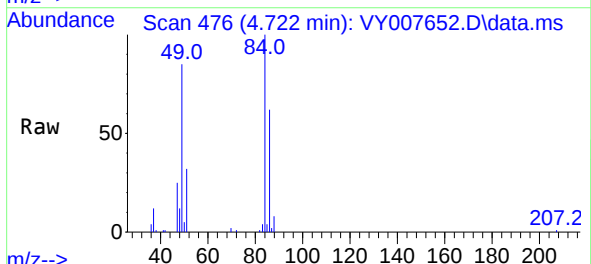
Tgt Ion: 73 Resp: 92734
Ion Ratio Lower Upper
73 100
57 18.2 18.6 27.8

Manual Integrations
APPROVED

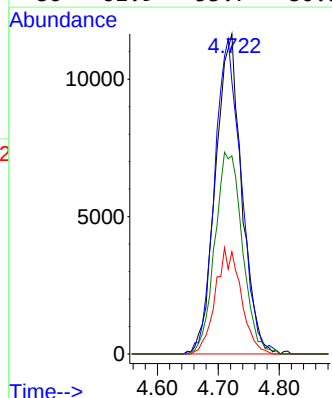
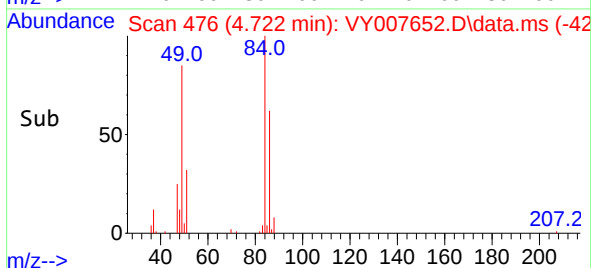
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

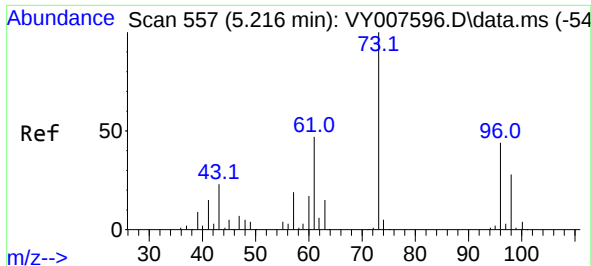


#20
Methylene Chloride
Concen: 46.001 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



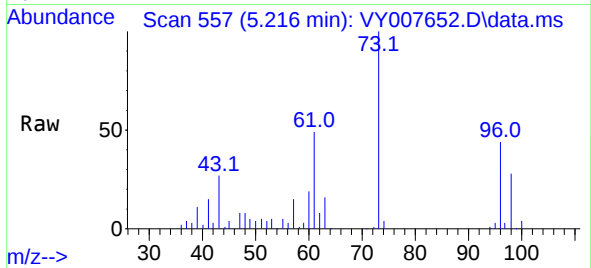
Tgt Ion: 84 Resp: 34708
Ion Ratio Lower Upper
84 100
49 85.1 114.4 171.6#
51 31.9 35.3 52.9#
86 61.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 47.292 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

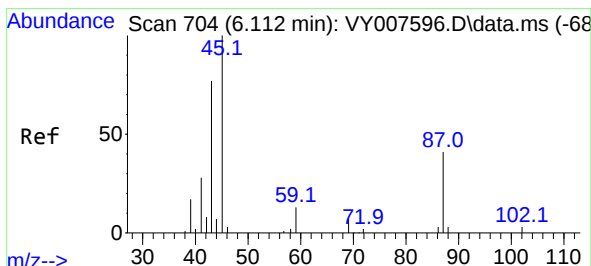
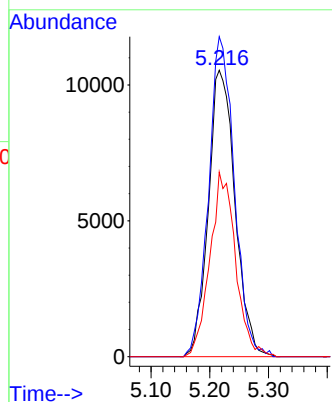
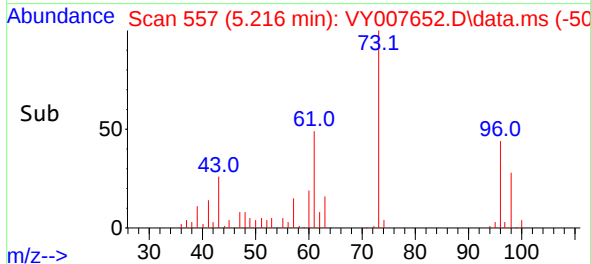
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



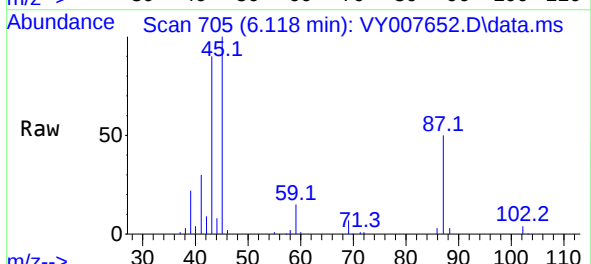
Tgt Ion: 96 Resp: 3325
Ion Ratio Lower Upper
96 100
61 111.7 120.5 180.7
98 64.4 49.8 74.8

Manual Integrations
APPROVED

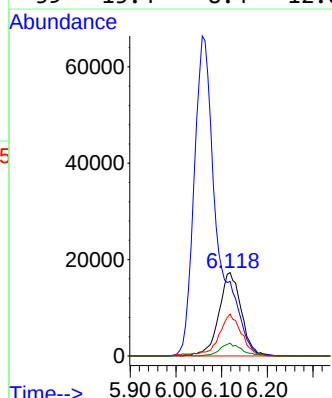
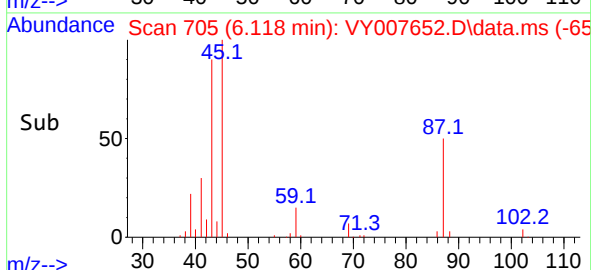
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

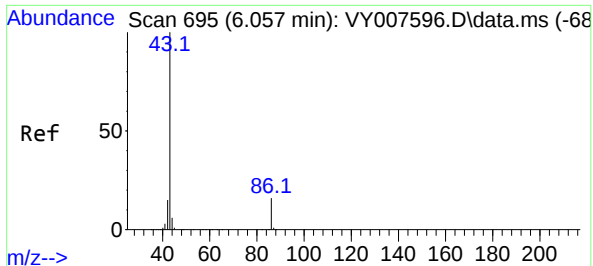


#22
Diisopropyl ether
Concen: 43.040 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



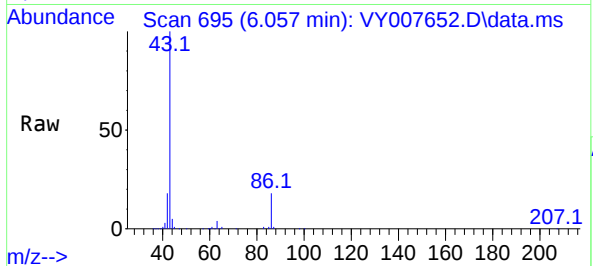
Tgt Ion: 45 Resp: 58919
Ion Ratio Lower Upper
45 100
43 89.0 49.3 73.9#
87 50.3 19.2 28.8#
59 15.4 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 235.072 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007652.D
 Acq: 25 Feb 2022 21:15

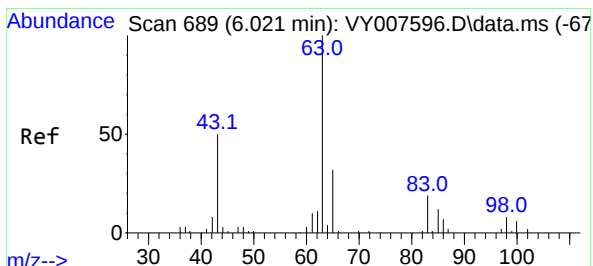
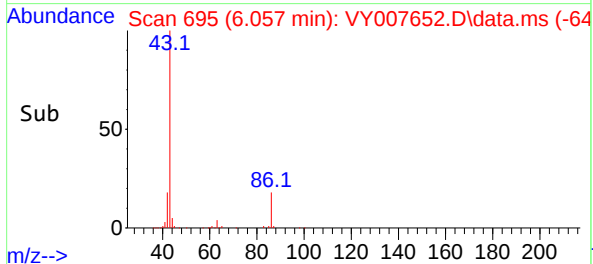
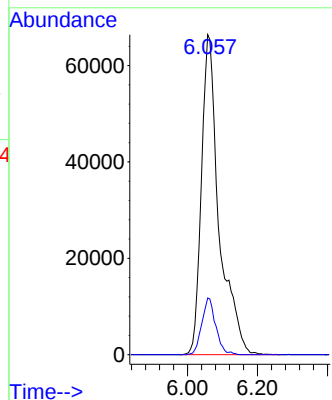
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 23215
 Ion Ratio Lower Upper
 43 100
 86 17.7 7.1 10.7

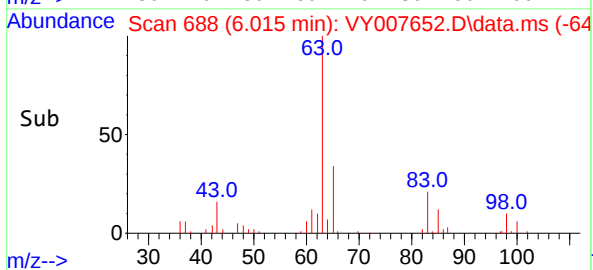
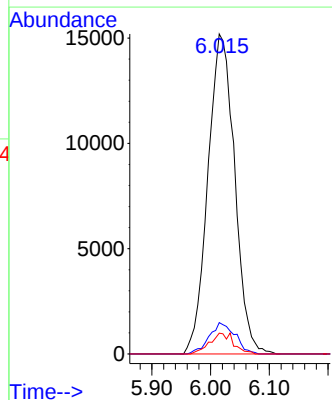
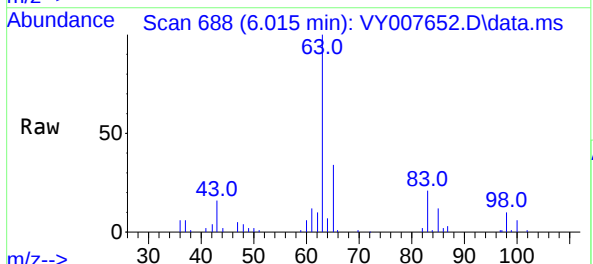
Manual Integrations
 APPROVED

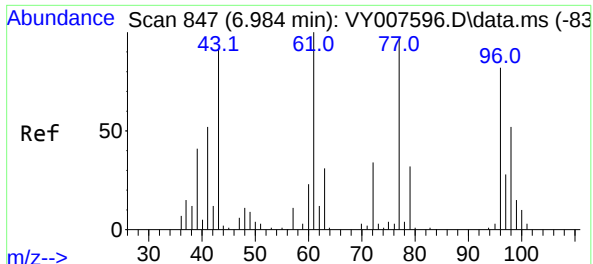
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#24
 1,1-Dichloroethane
 Concen: 45.970 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007652.D
 Acq: 25 Feb 2022 21:15

Tgt Ion: 63 Resp: 48057
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.6 10.8
 100 6.5 2.0 5.8





#25

2-Butanone

Concen: 207.051 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 37104

Ion Ratio Lower Upper

43 100

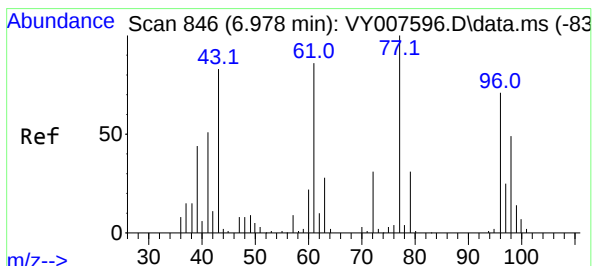
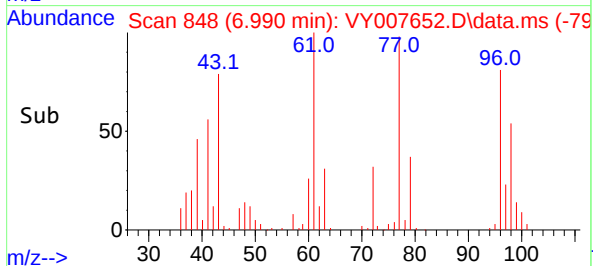
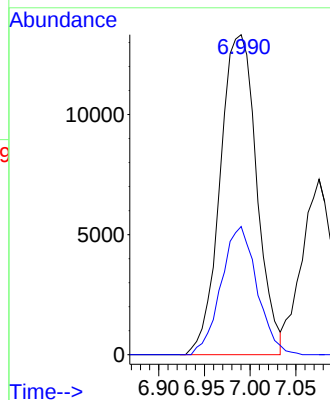
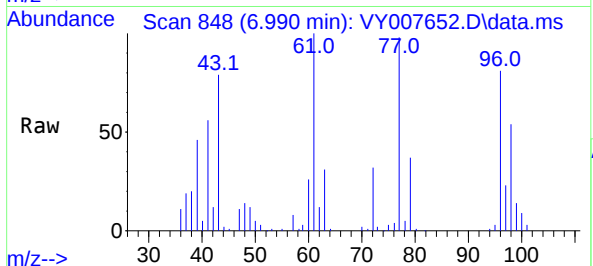
72 40.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#26

2,2-Dichloropropane

Concen: 48.028 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007652.D

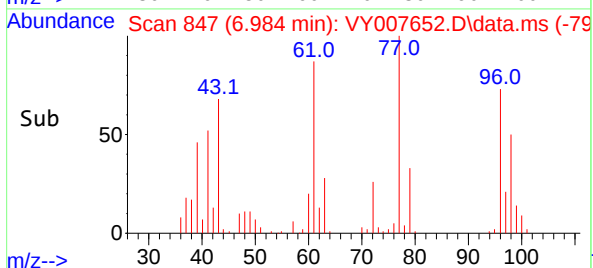
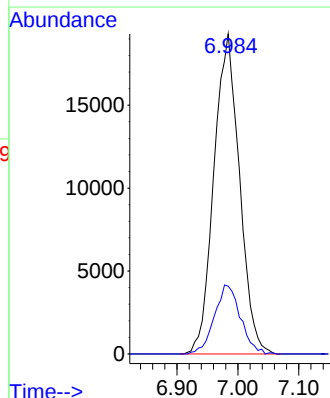
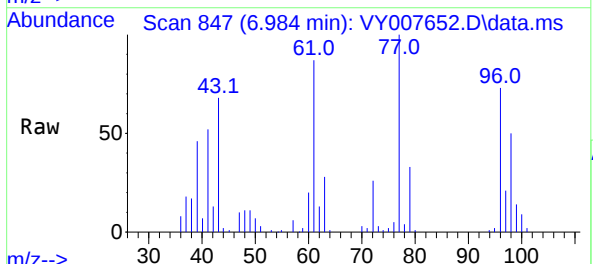
Acq: 25 Feb 2022 21:15

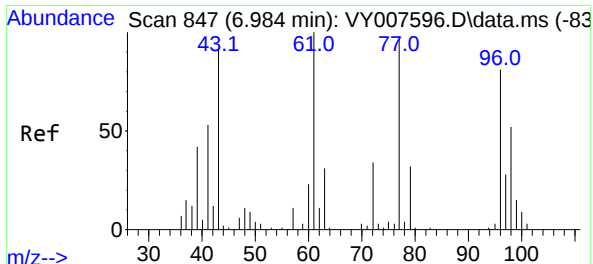
Tgt Ion: 77 Resp: 56376

Ion Ratio Lower Upper

77 100

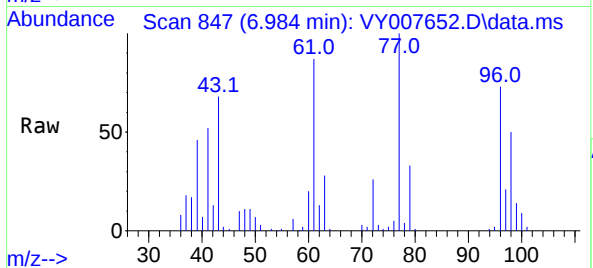
97 21.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 45.274 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

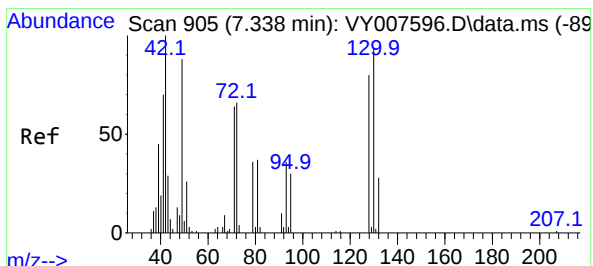
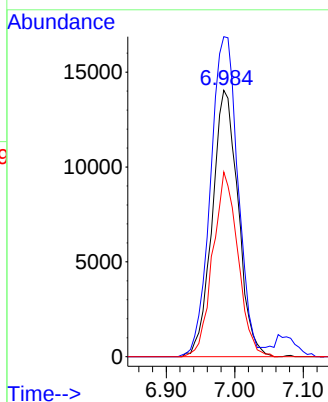
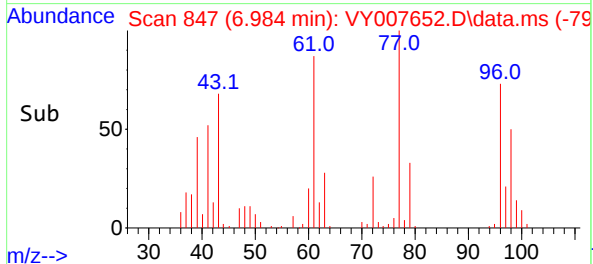
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



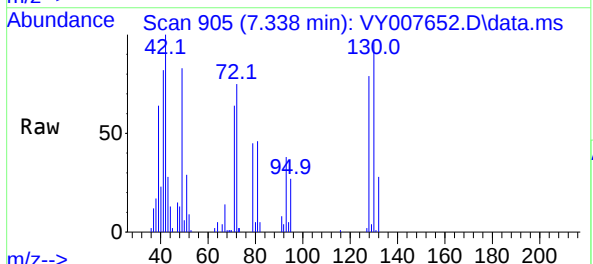
Tgt Ion: 96 Resp: 3694
Ion Ratio Lower Upper
96 100
61 127.6 0.0 319.8
98 67.2 0.0 127.0

Manual Integrations
APPROVED

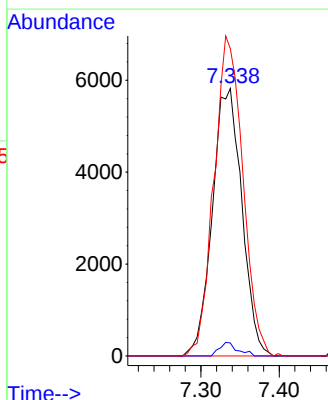
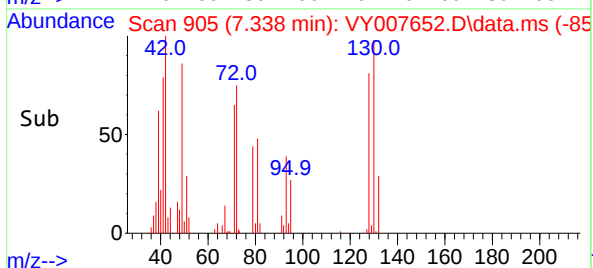
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

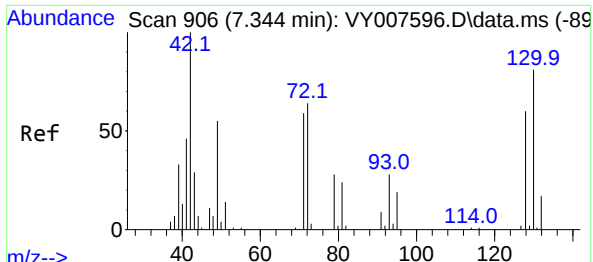


#28
Bromochloromethane
Concen: 42.776 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion: 49 Resp: 15244
Ion Ratio Lower Upper
49 100
129 3.1 0.0 2.2#
130 117.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 204.901 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007652.D

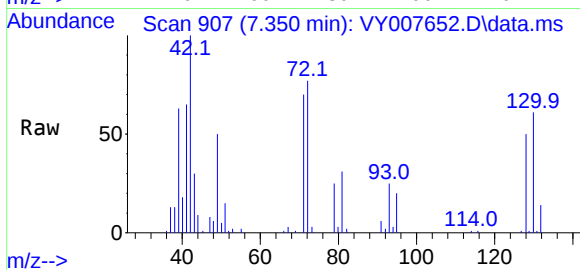
Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 21370

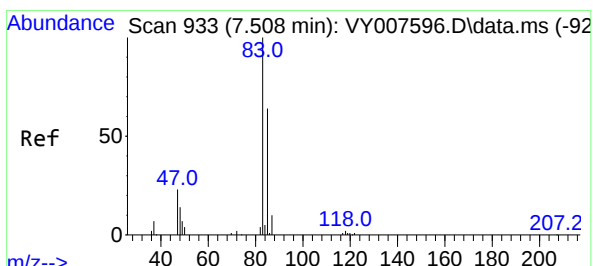
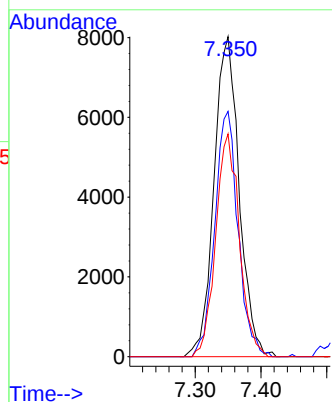
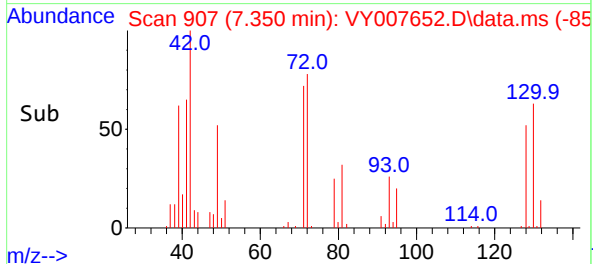
Ion	Ratio	Lower	Upper
42	100		
72	71.0	30.3	45.5
71	65.4	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#30

Chloroform

Concen: 49.240 ug/l

RT: 7.508 min Scan# 933

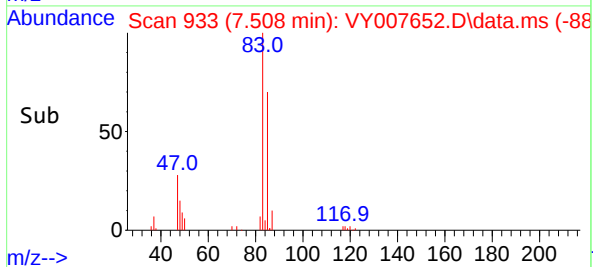
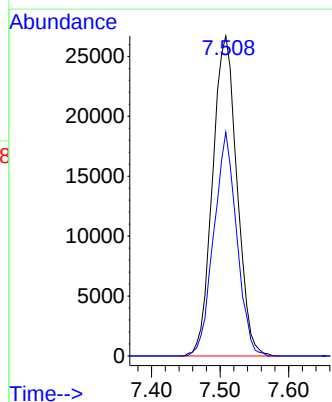
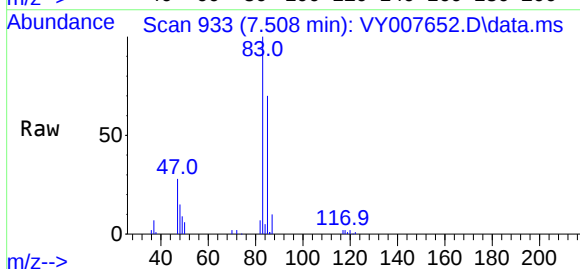
Delta R.T. 0.000 min

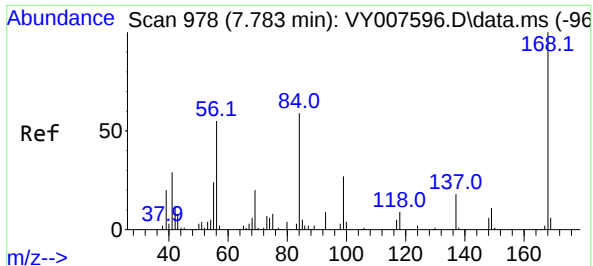
Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Tgt Ion: 83 Resp: 65897

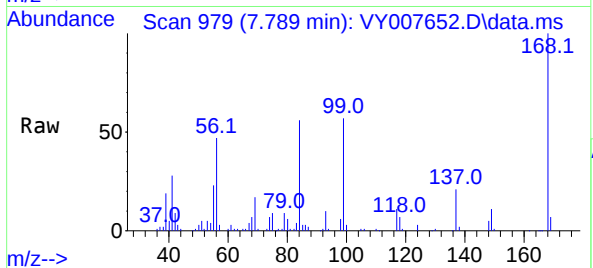
Ion	Ratio	Lower	Upper
83	100		
85	69.9	51.8	77.6





#31
Cyclohexane
Concen: 44.631 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

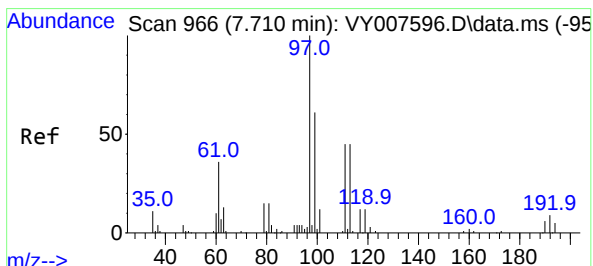
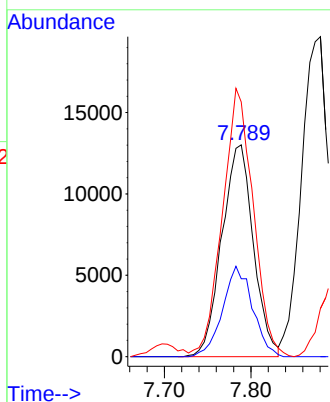
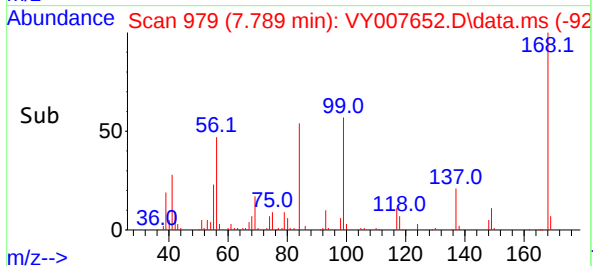
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



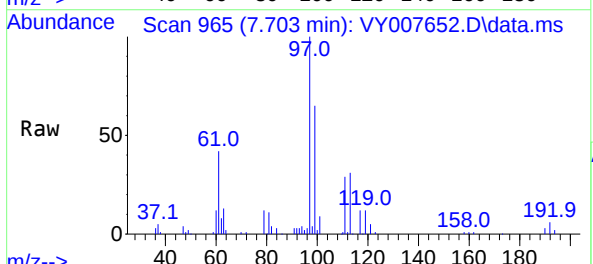
Tgt Ion: 56 Resp: 3291
Ion Ratio Lower Upper
56 100
69 36.7 26.7 40.1
84 117.5 67.2 100.8

Manual Integrations
APPROVED

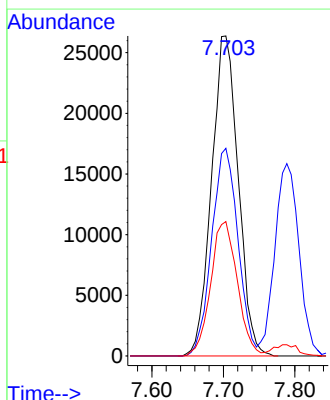
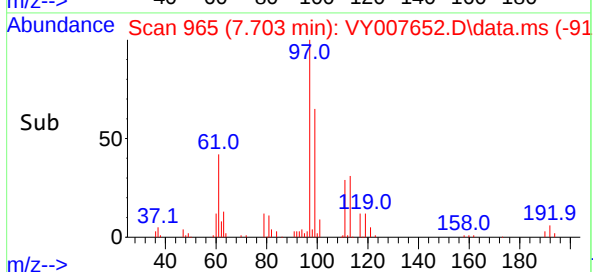
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

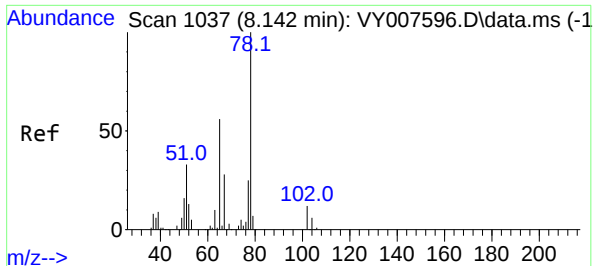


#32
1,1,1-Trichloroethane
Concen: 51.314 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.007 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion: 97 Resp: 68297
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.513 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

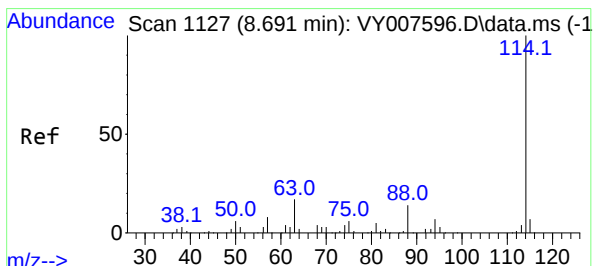
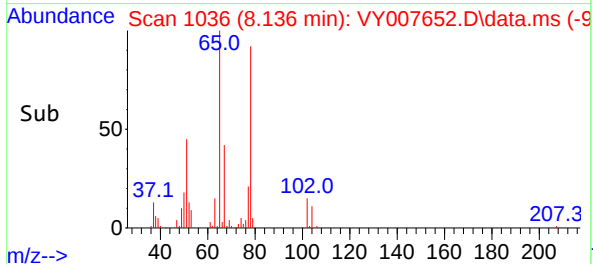
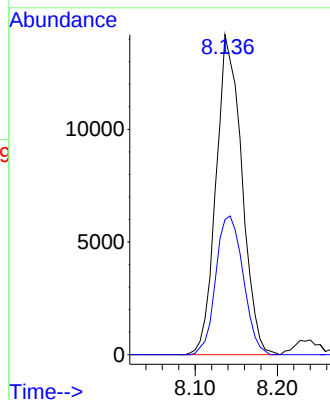
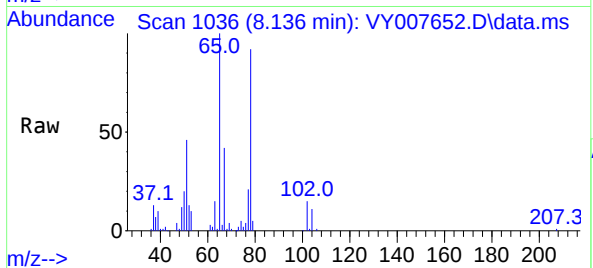
Tgt Ion: 65 Resp: 30894
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

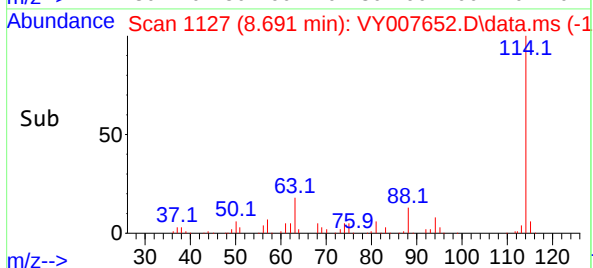
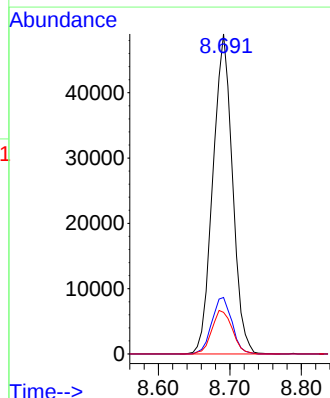
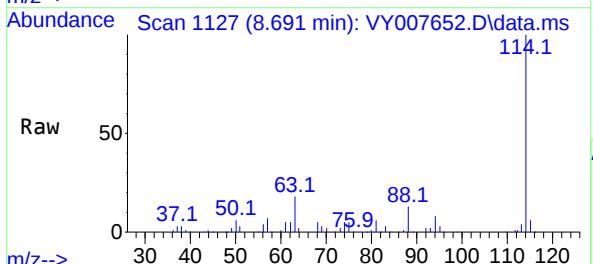
RT: 8.691 min Scan# 1127

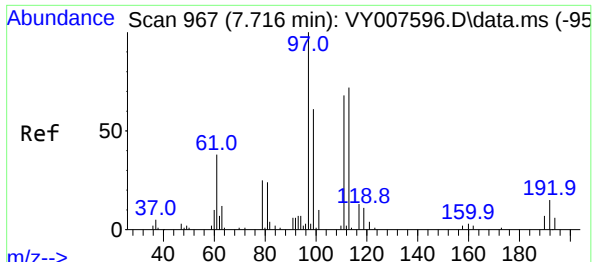
Delta R.T. 0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

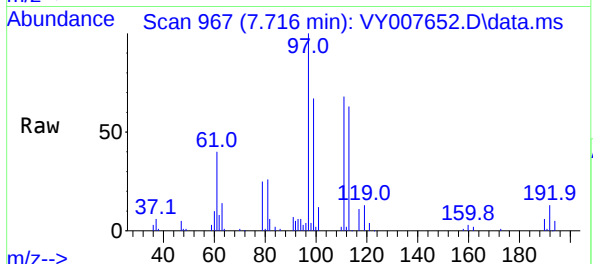
Tgt Ion:114 Resp: 93206
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 43.2
 88 13.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.058 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

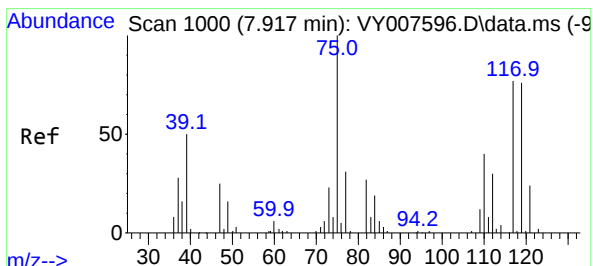
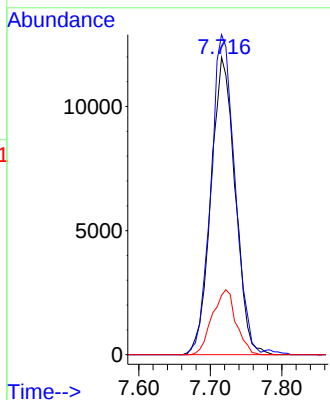
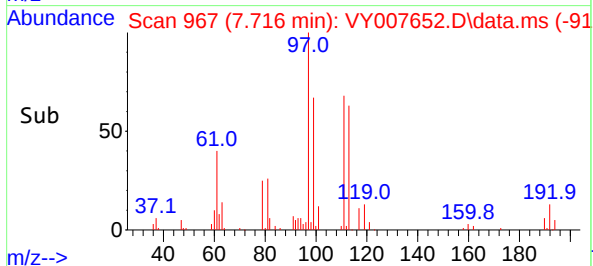
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



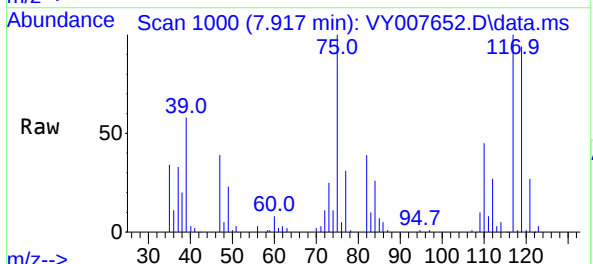
Tgt Ion: 113 Resp: 28264
Ion Ratio Lower Upper
113 100
111 106.1 82.6 124.0
192 21.4 17.6 26.4

Manual Integrations
APPROVED

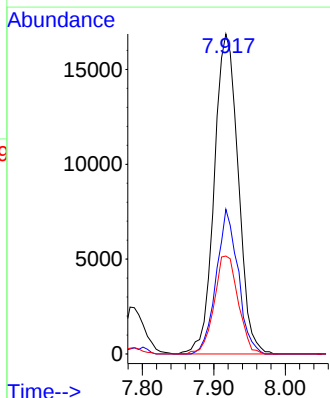
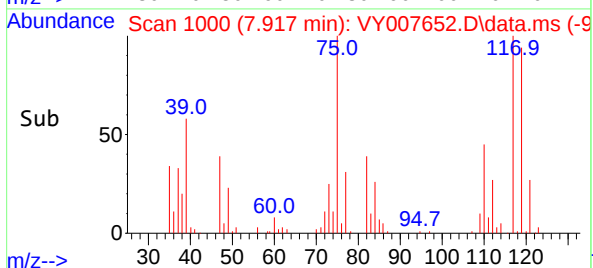
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

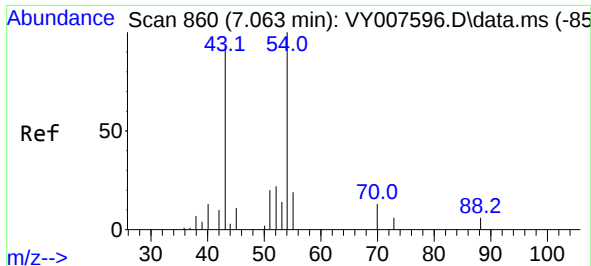


#36
1,1-Dichloropropene
Concen: 46.291 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



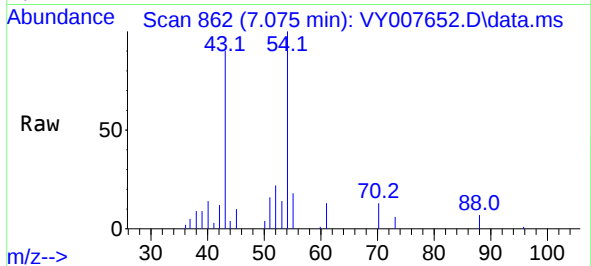
Tgt Ion: 75 Resp: 39232
Ion Ratio Lower Upper
75 100
110 41.1 17.1 51.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 48.967 ug/l
RT: 7.075 min Scan# 862
Delta R.T. 0.012 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

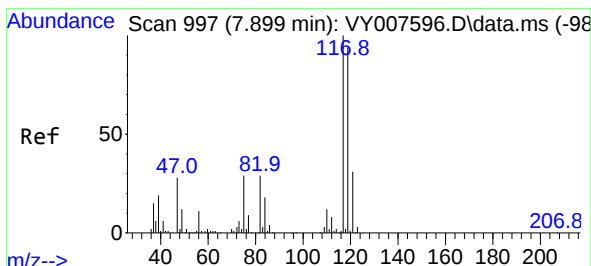
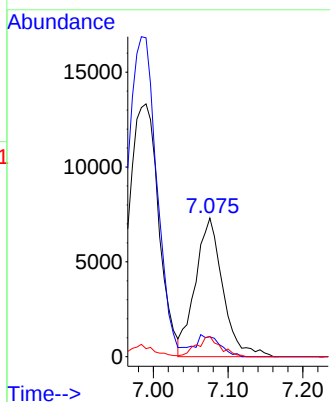
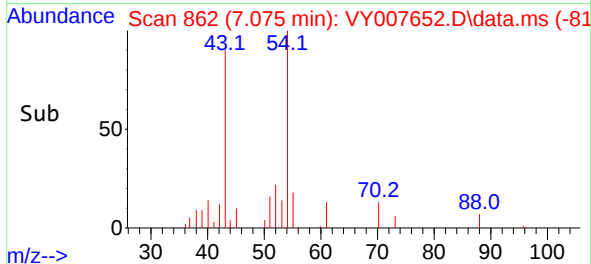
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



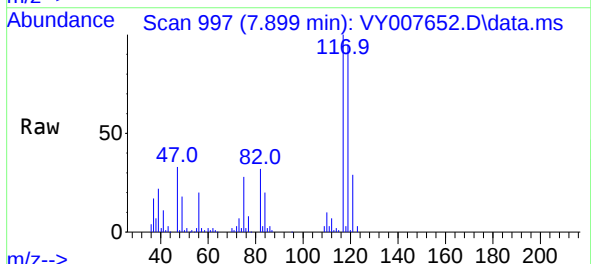
Tgt Ion: 43 Resp: 18685
Ion Ratio Lower Upper
43 100
61 13.6 9.7 14.5
70 12.6 7.1 10.7

Manual Integrations
APPROVED

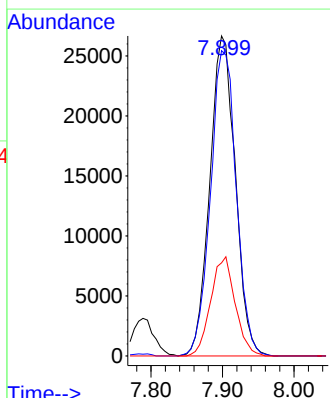
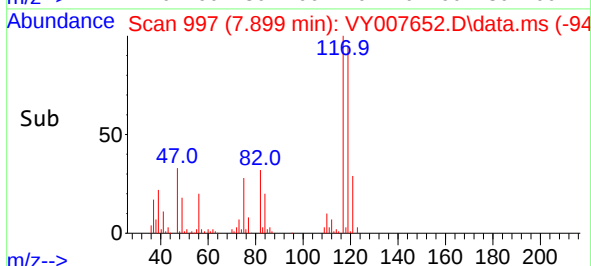
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

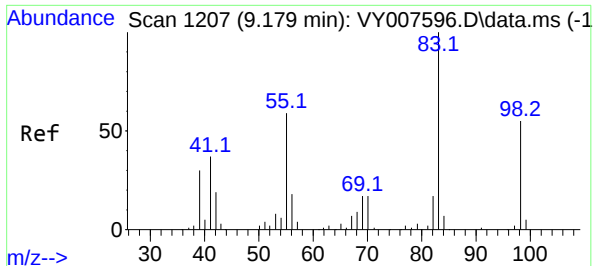


#38
Carbon Tetrachloride
Concen: 53.248 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion:117 Resp: 66085
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 29.1 24.8 37.2





#39

Methylcyclohexane

Concen: 47.790 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 46294

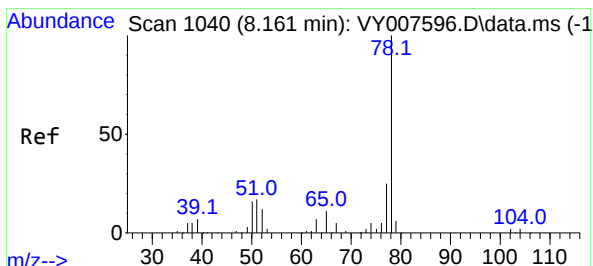
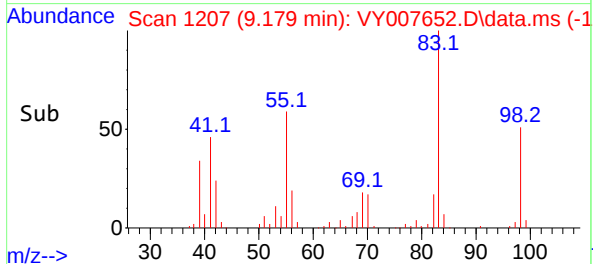
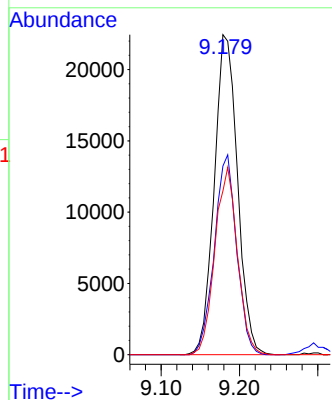
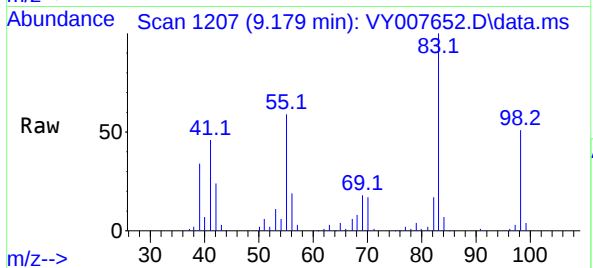
Ion	Ratio	Lower	Upper
83	100		
55	59.0	66.5	99.7
98	51.2	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#40

Benzene

Concen: 45.718 ug/l

RT: 8.161 min Scan# 1040

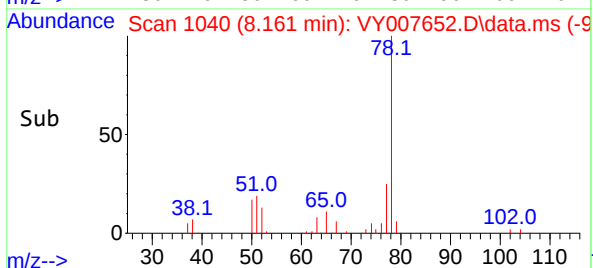
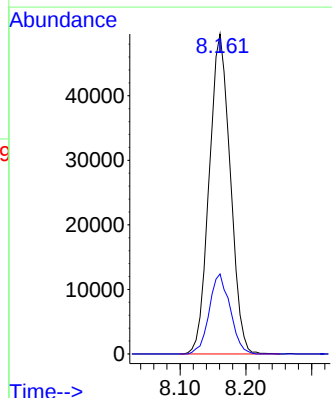
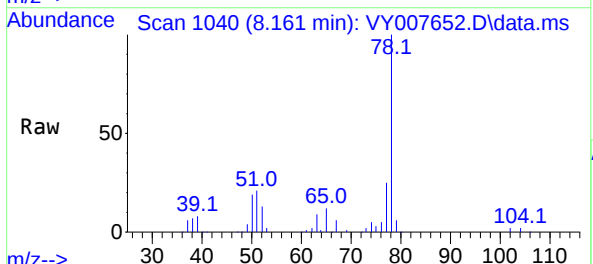
Delta R.T. -0.000 min

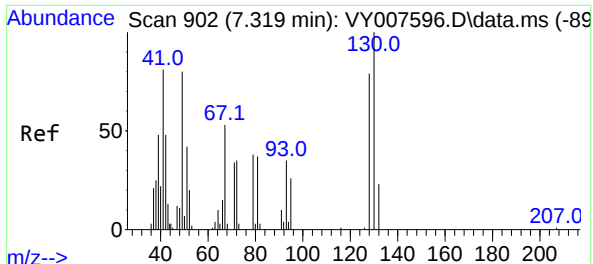
Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Tgt Ion: 78 Resp: 110549

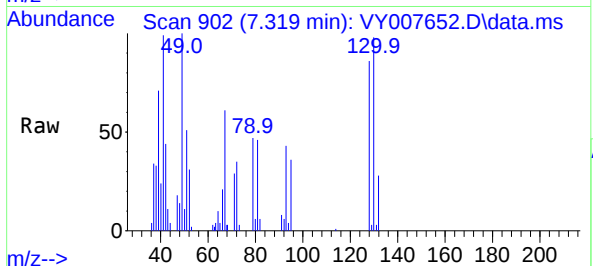
Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.4	30.6





#41
Methacrylonitrile
Concen: 46.326 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

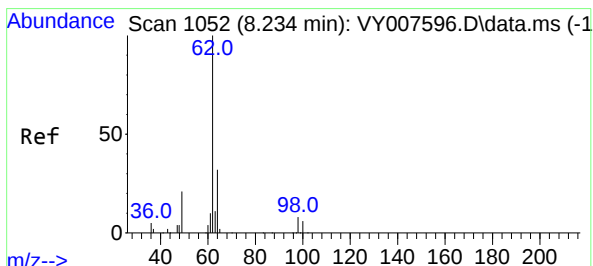
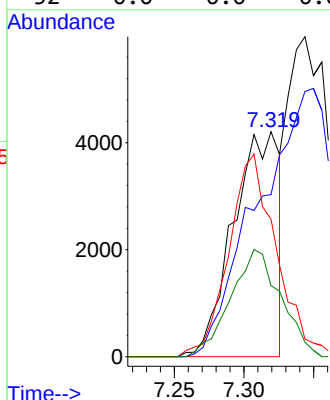
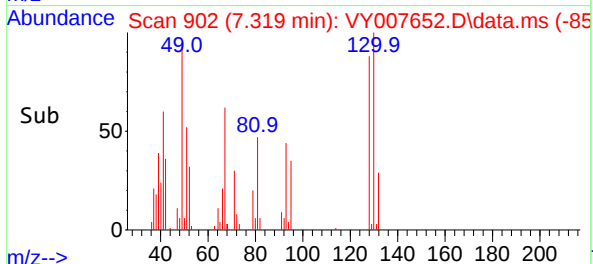
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9748
Ion Ratio Lower Upper
41 100
39 196.6 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

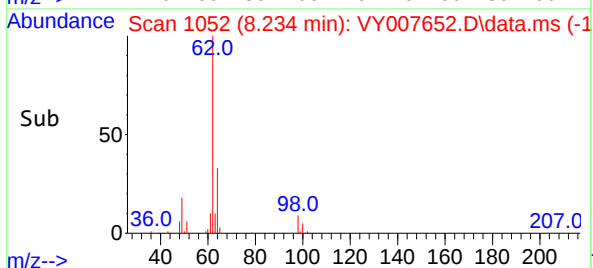
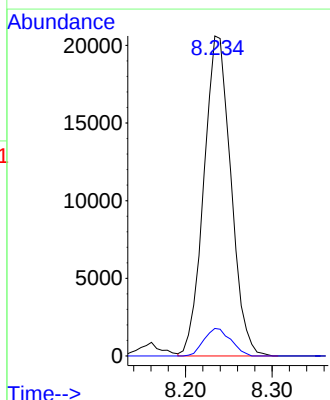
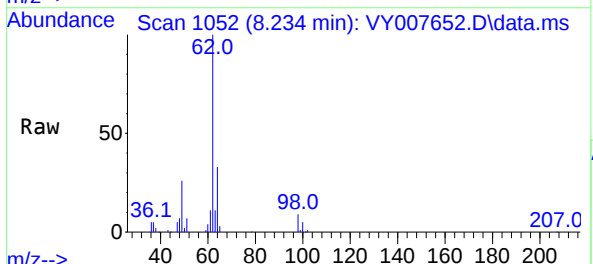
Manual Integrations
APPROVED

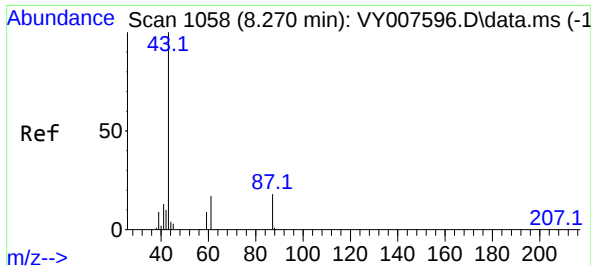
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#42
1,2-Dichloroethane
Concen: 50.472 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

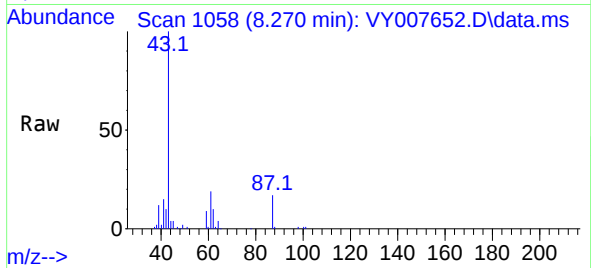
Tgt Ion: 62 Resp: 44705
Ion Ratio Lower Upper
62 100
98 8.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 46.922 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

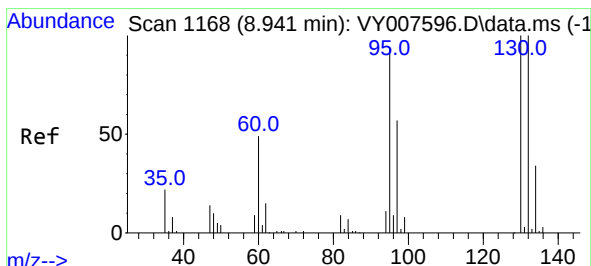
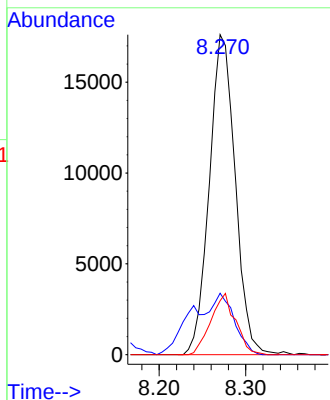
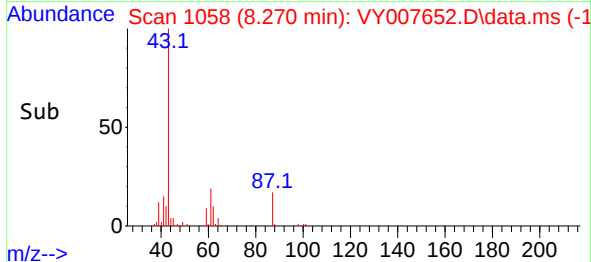
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
61 17.7 20.2 30.2
87 18.3 8.9 13.3

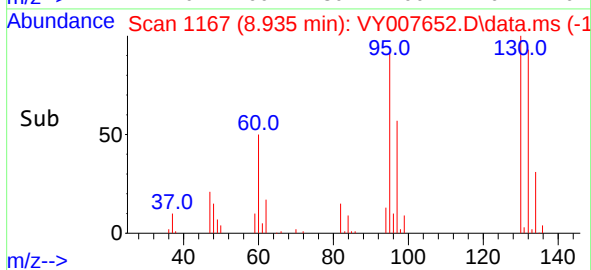
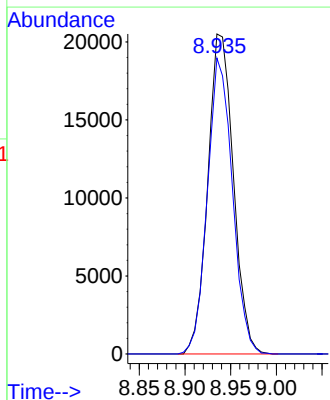
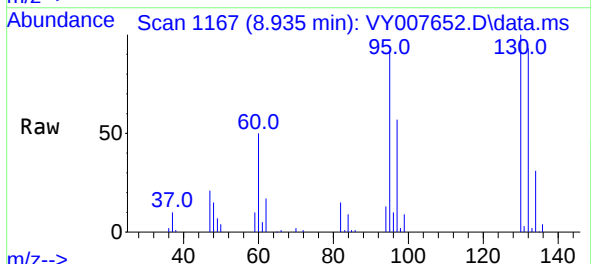
Manual Integrations
APPROVED

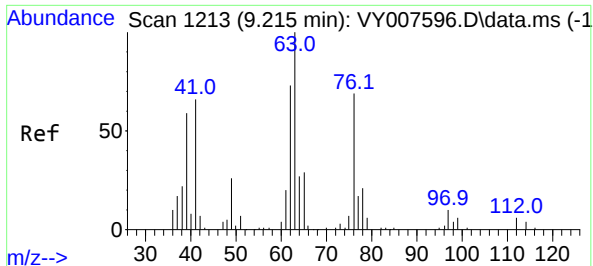
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#44
Trichloroethene
Concen: 48.737 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion:130 Resp: 39989
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 44.135 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 2271

Ion Ratio Lower Upper

63 100

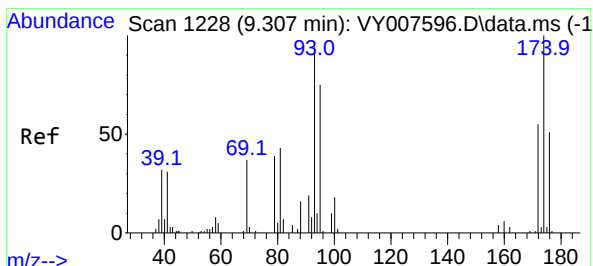
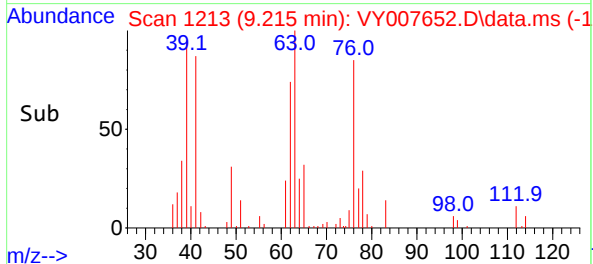
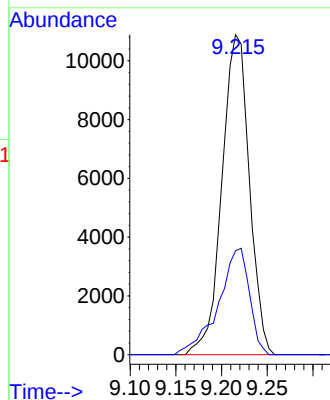
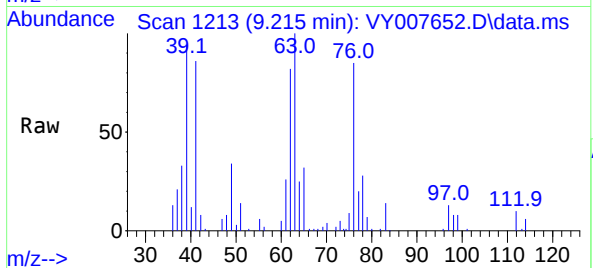
65 32.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#46

Dibromomethane

Concen: 51.602 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

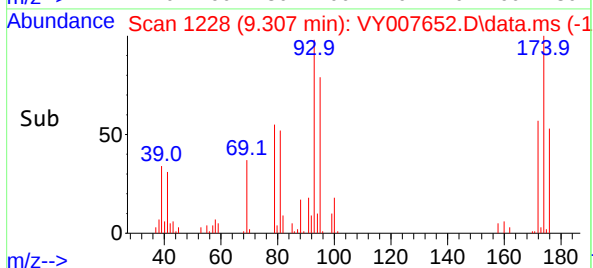
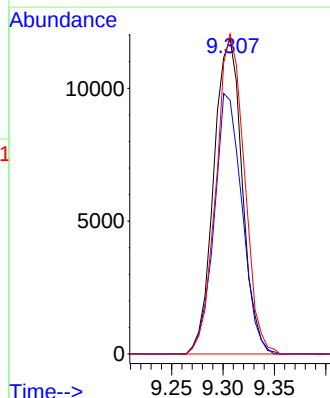
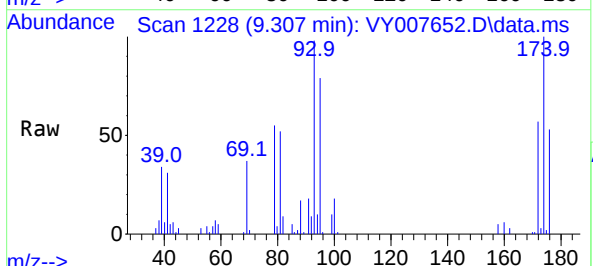
Tgt Ion: 93 Resp: 22770

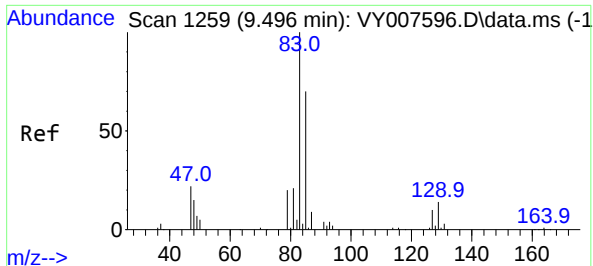
Ion Ratio Lower Upper

93 100

95 81.2 64.3 96.5

174 101.2 83.4 125.0





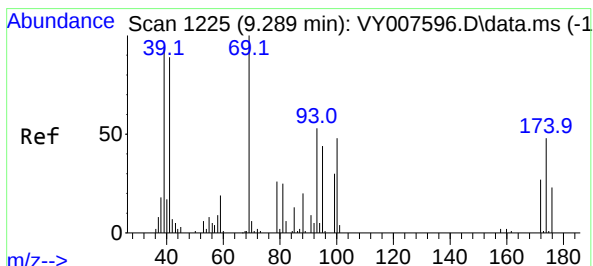
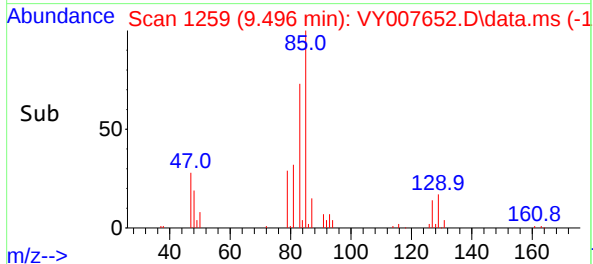
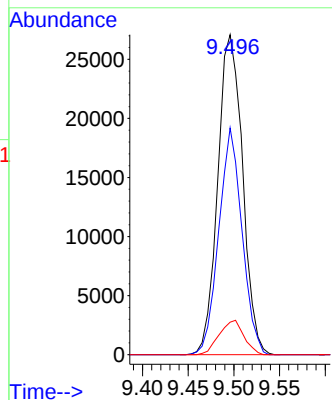
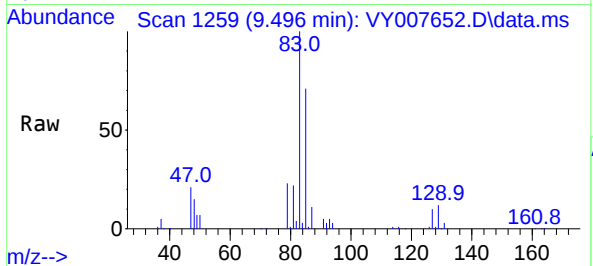
#47
Bromodichloromethane
Concen: 51.457 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 51138
Ion Ratio Lower Upper
83 100
85 70.9 51.9 77.9
127 10.2 6.6 10.0

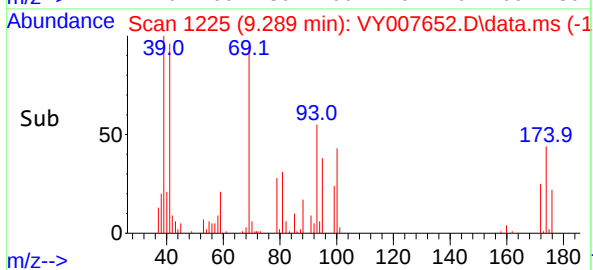
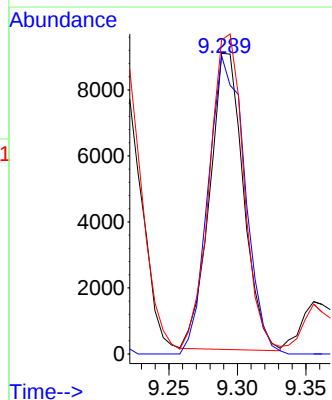
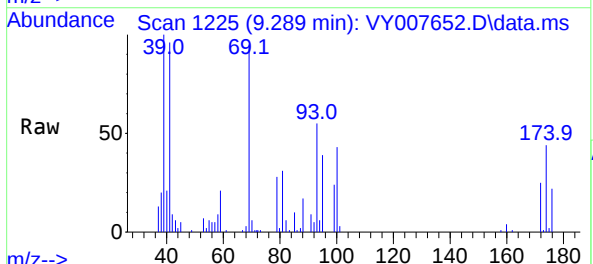
Manual Integrations
APPROVED

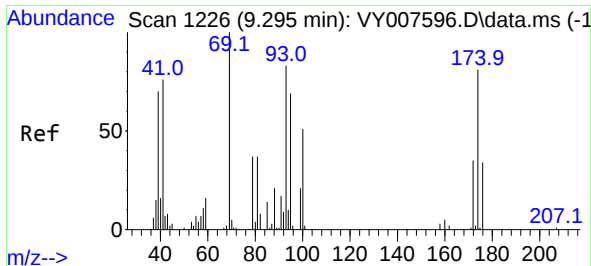
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#48
Methyl methacrylate
Concen: 46.937 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion: 41 Resp: 15426
Ion Ratio Lower Upper
41 100
69 108.5 58.2 87.2#
39 111.2 47.4 71.0#





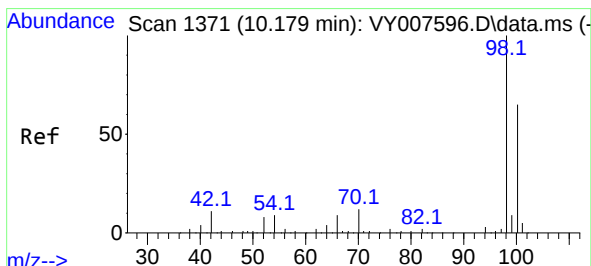
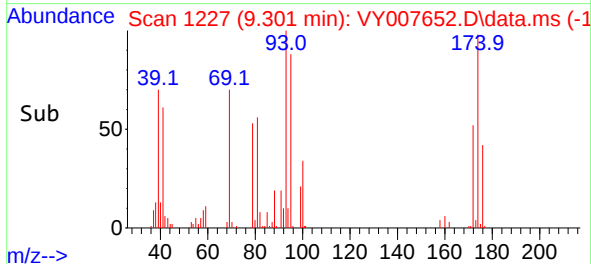
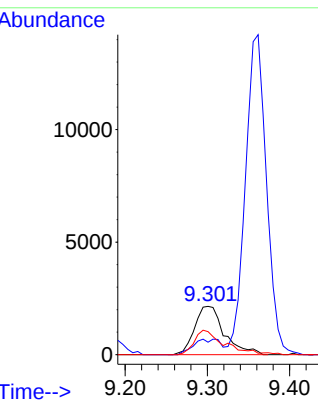
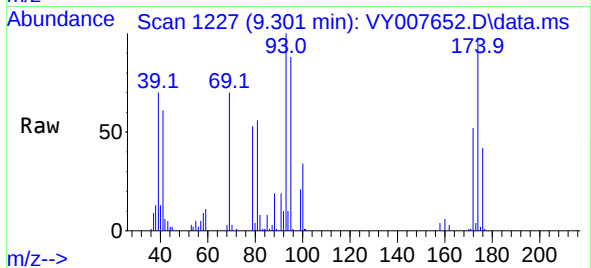
#49
1,4-Dioxane
Concen: 960.388 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 5392
Ion Ratio Lower Upper
88 100
43 29.1 32.8 49.2
58 51.7 59.8 89.6

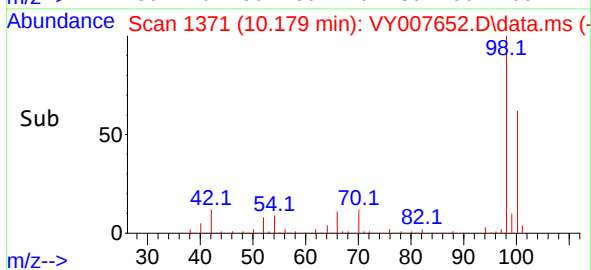
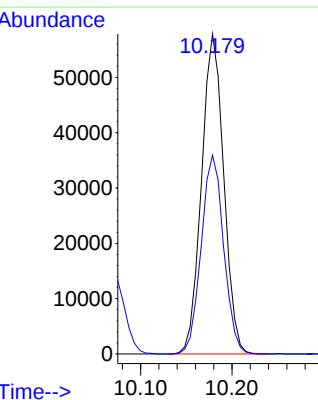
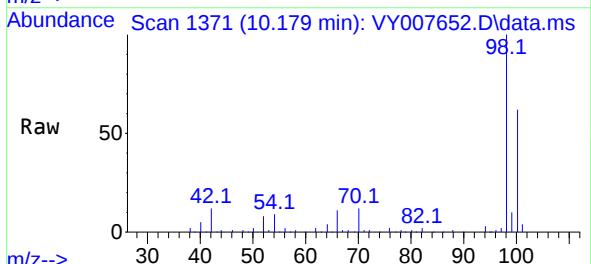
Manual Integrations
APPROVED

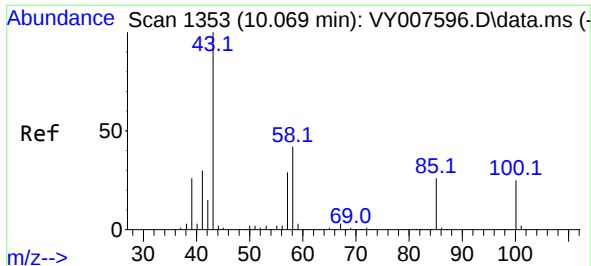
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#50
Toluene-d8
Concen: 45.227 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

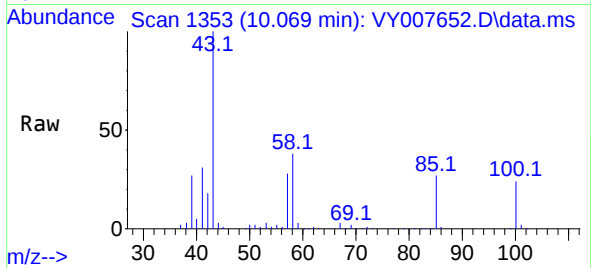
Tgt Ion: 98 Resp: 97560
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 250.555 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

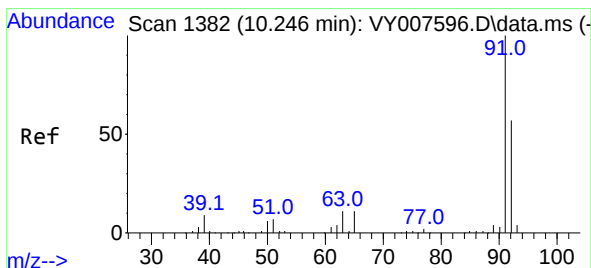
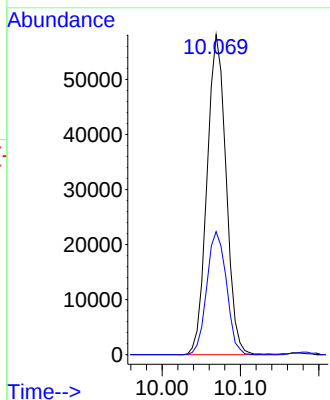
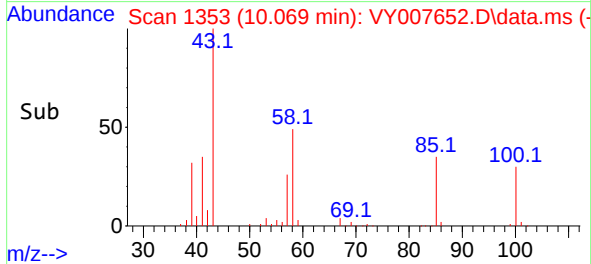
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



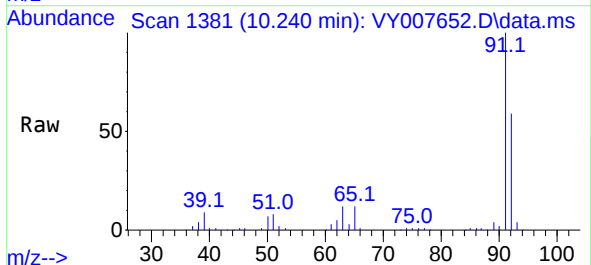
Tgt Ion: 43 Resp: 98274
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1

Manual Integrations
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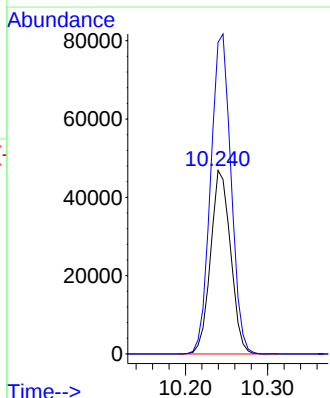
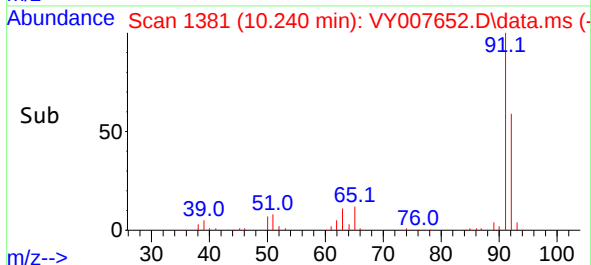
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

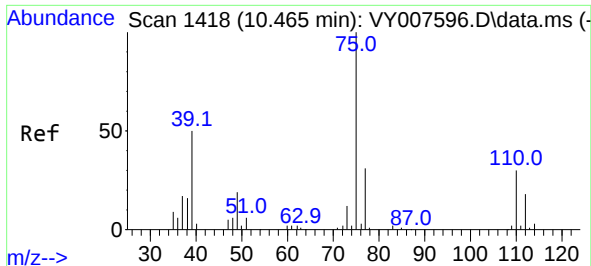


#52
Toluene
Concen: 48.048 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



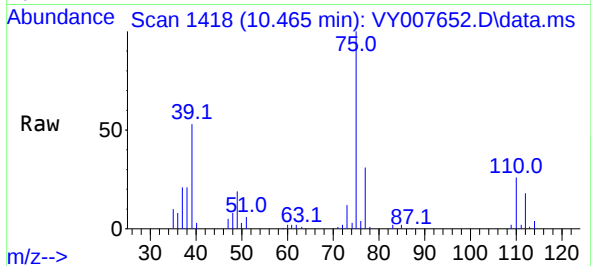
Tgt Ion: 92 Resp: 79247
Ion Ratio Lower Upper
92 100
91 177.3 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 47.534 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

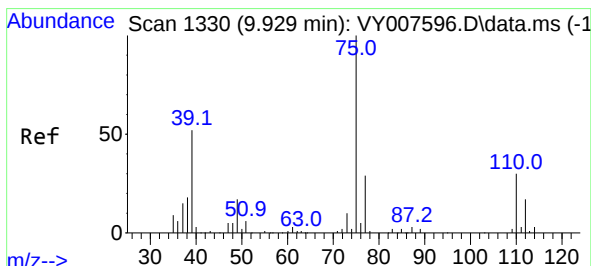
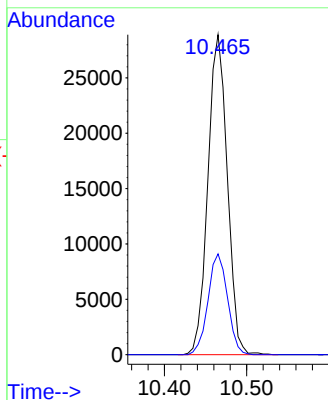
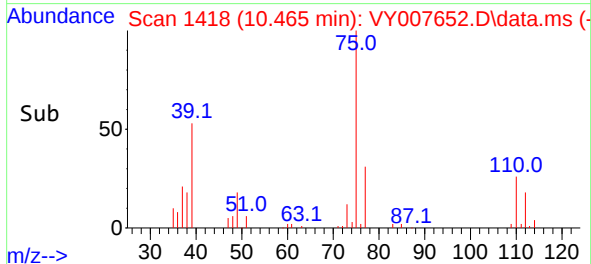
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



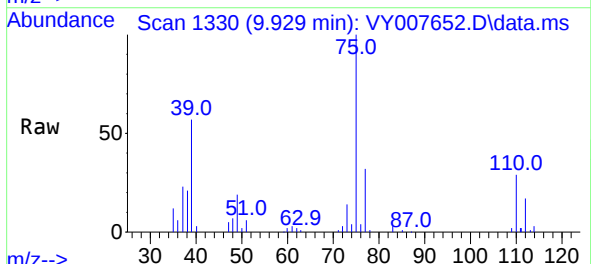
Tgt Ion: 75 Resp: 4740
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

Manual Integrations
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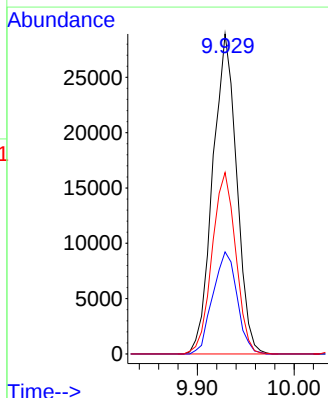
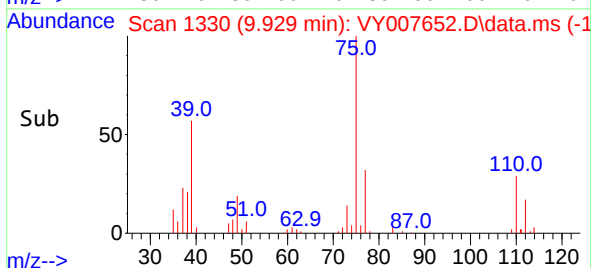
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#54
cis-1,3-Dichloropropene
Concen: 47.045 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



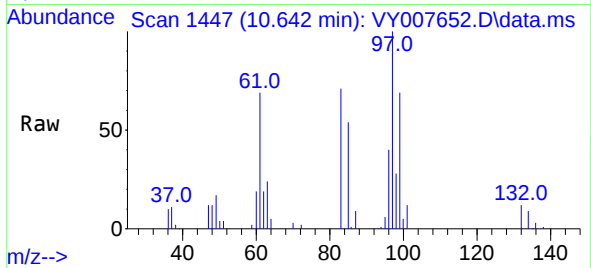
Tgt Ion: 75 Resp: 49532
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 56.7 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 46.560 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

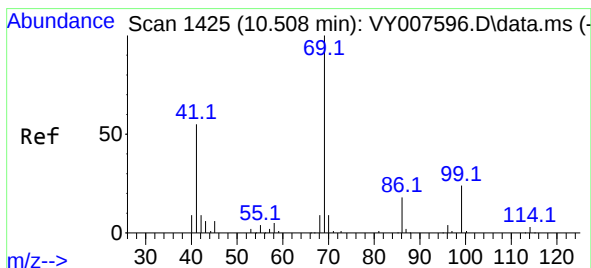
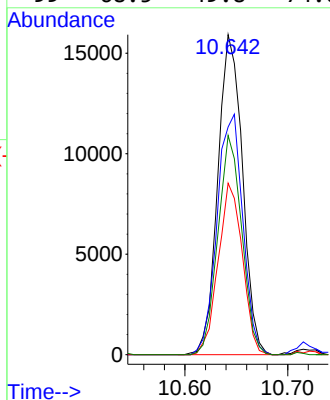
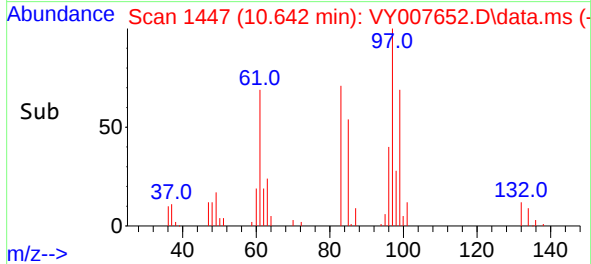


Tgt Ion: 97 Resp: 26462

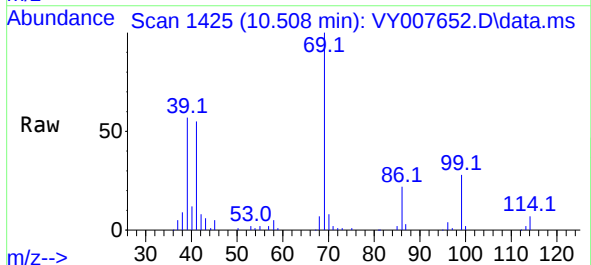
Ion	Ratio	Lower	Upper
97	100		
83	71.1	69.8	104.8
85	53.6	44.3	66.5
99	68.5	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

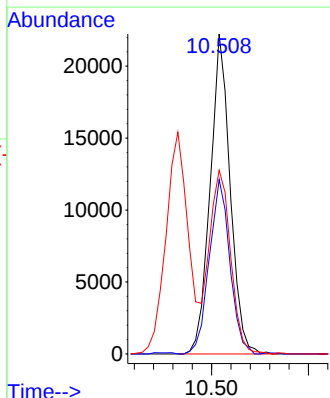
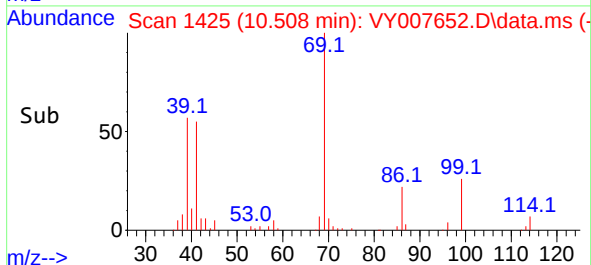


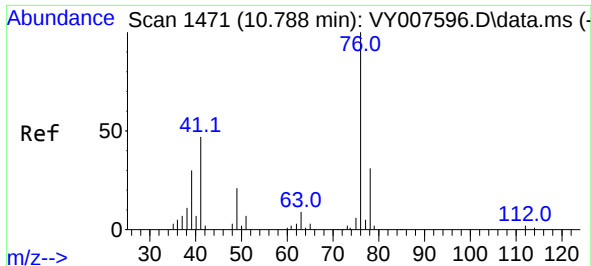
#56
Ethyl methacrylate
Concen: 47.611 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion: 69 Resp: 31892

Ion	Ratio	Lower	Upper
69	100		
41	56.1	63.4	95.0#
39	59.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 46.320 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 40392

Ion Ratio Lower Upper

76 100

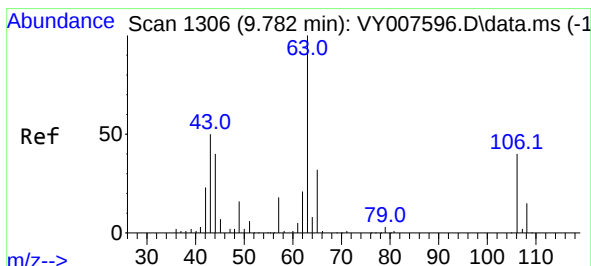
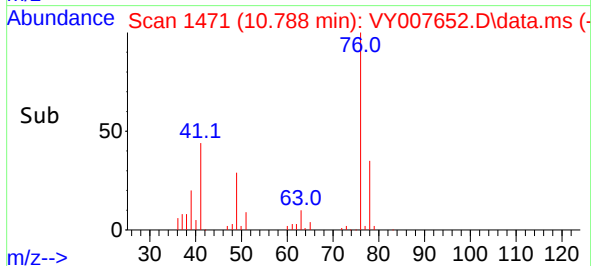
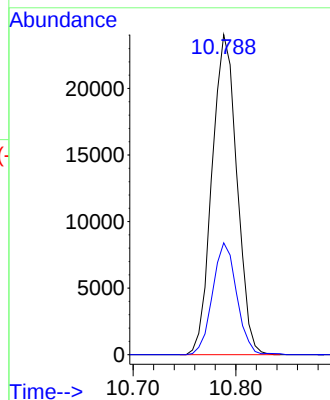
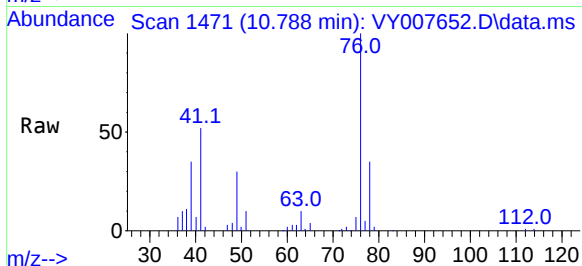
78 33.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 204.530 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007652.D

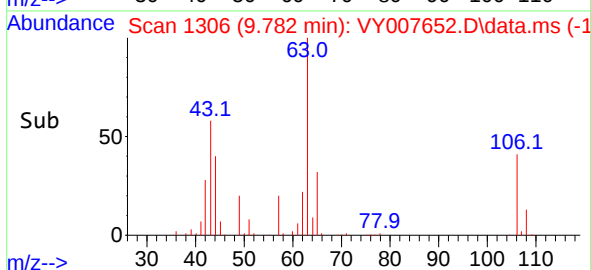
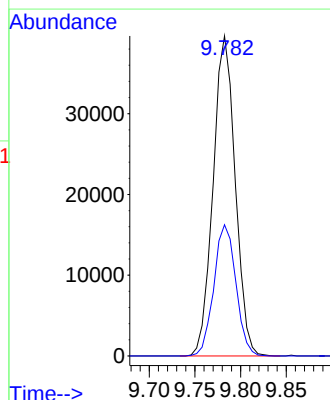
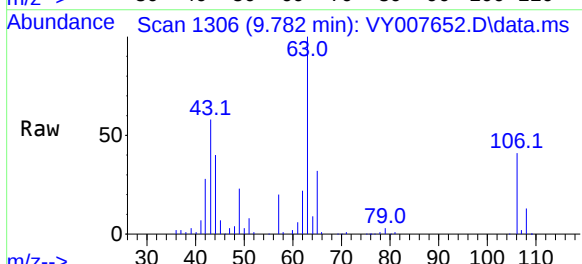
Acq: 25 Feb 2022 21:15

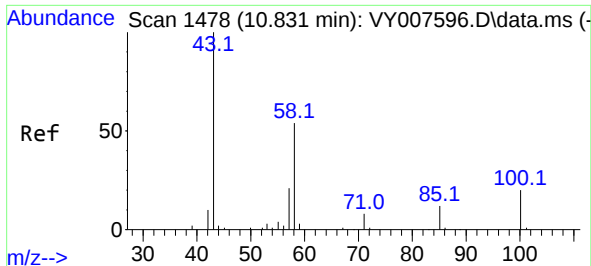
Tgt Ion: 63 Resp: 66668

Ion Ratio Lower Upper

63 100

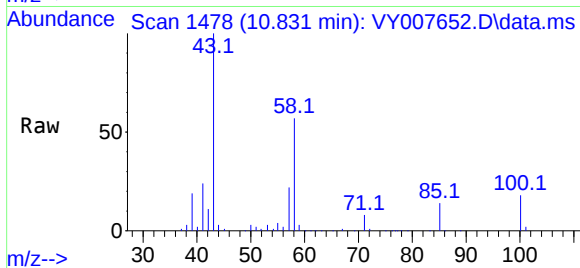
106 40.8 21.5 32.3#





#59
2-Hexanone
Concen: 240.233 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

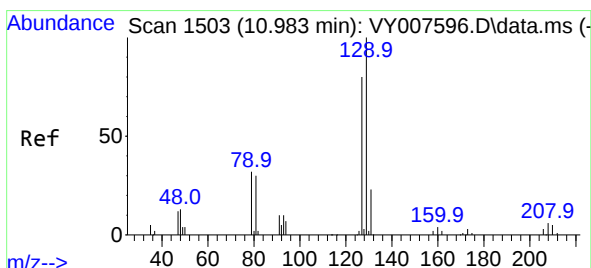
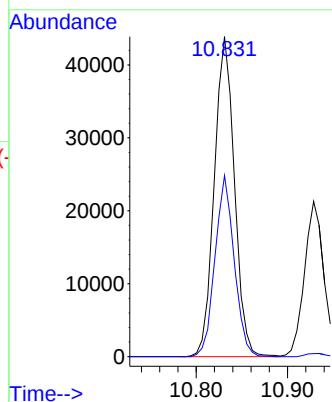
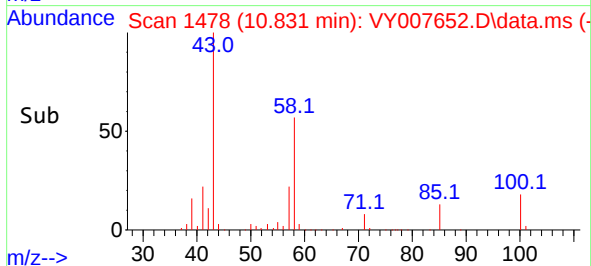
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



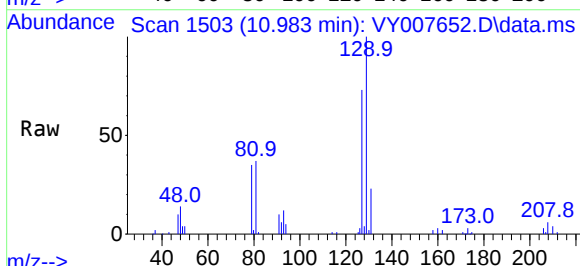
Tgt Ion: 43 Resp: 67152
Ion Ratio Lower Upper
43 100
58 54.0 24.4 73.4

Manual Integrations
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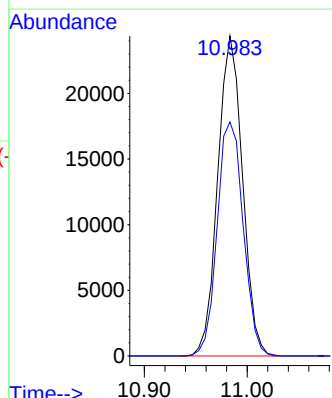
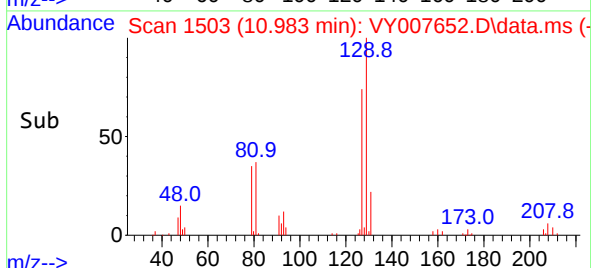
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

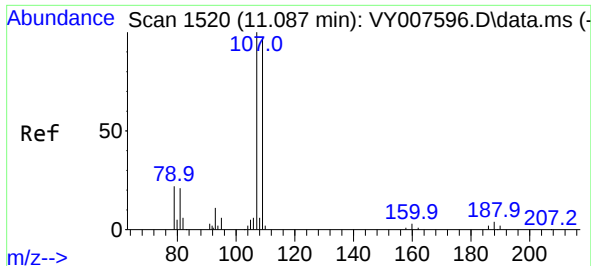


#60
Dibromochloromethane
Concen: 53.057 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion:129 Resp: 40786
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





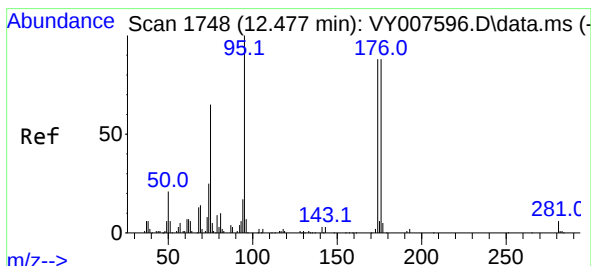
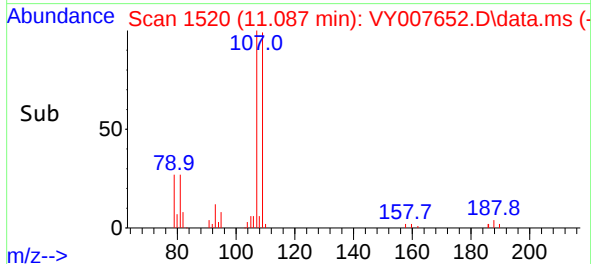
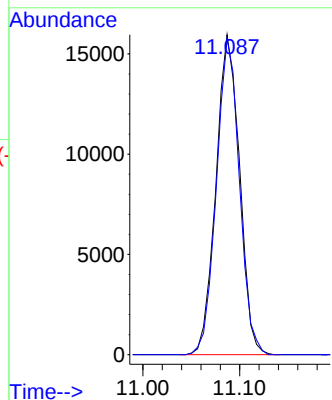
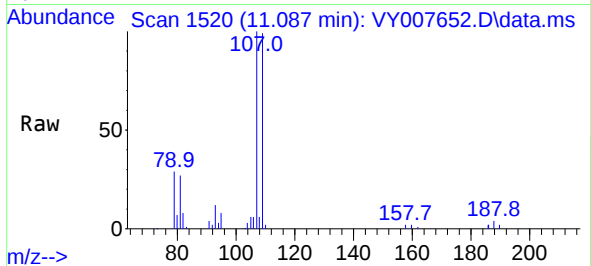
#61
1,2-Dibromoethane
Concen: 47.232 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 2701
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2

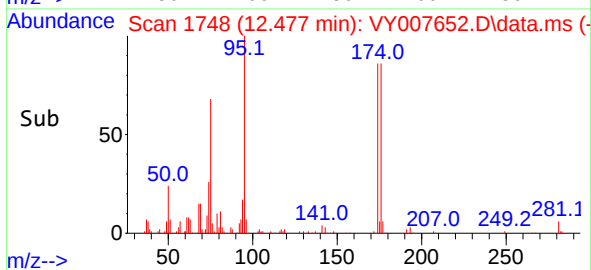
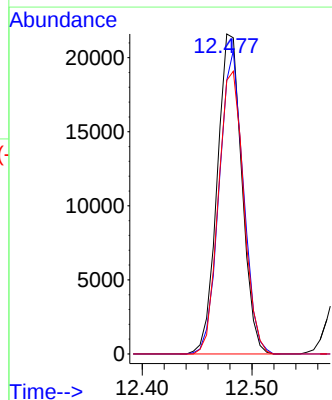
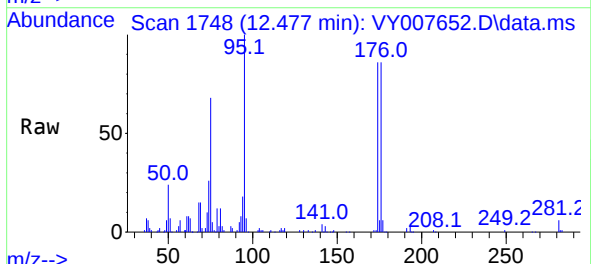
Manual Integrations
APPROVED

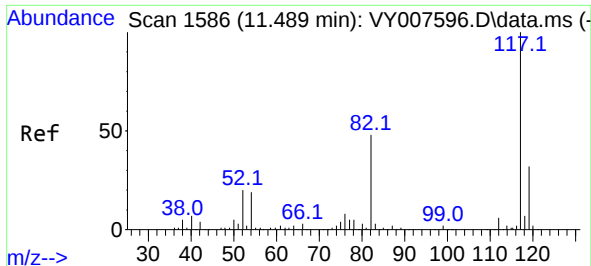
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

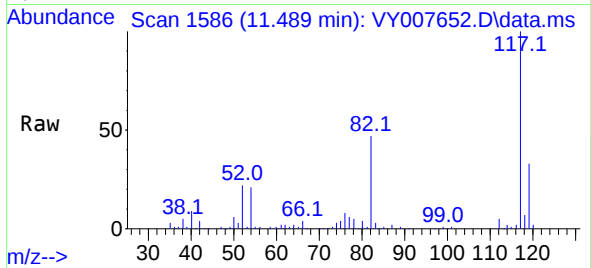
Tgt Ion: 95 Resp: 33733
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

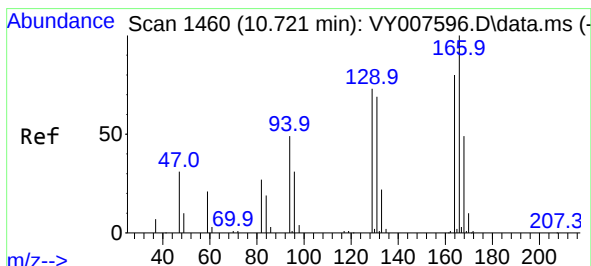
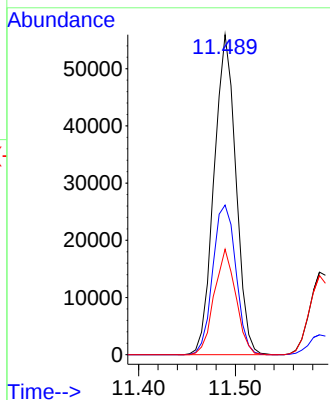
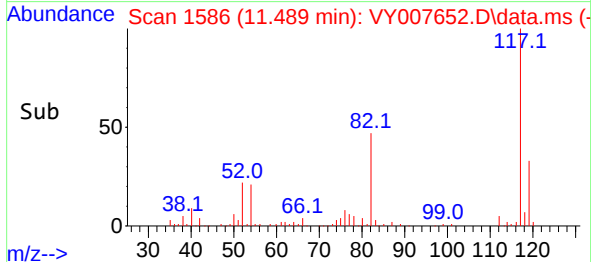
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



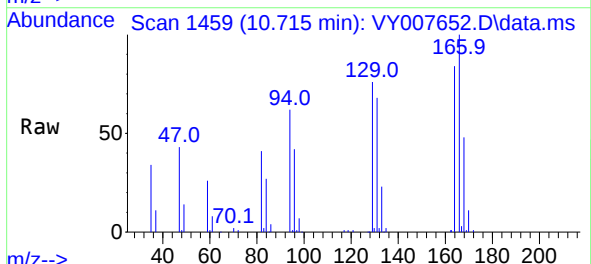
Tgt Ion:117 Resp: 87859
Ion Ratio Lower Upper
117 100
82 46.8 43.0 64.4
119 32.9 25.4 38.0

Manual Integrations
APPROVED

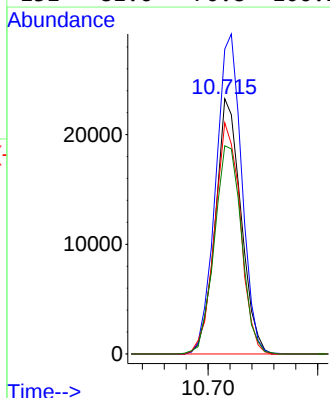
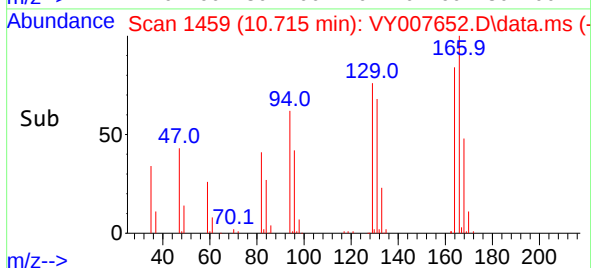
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

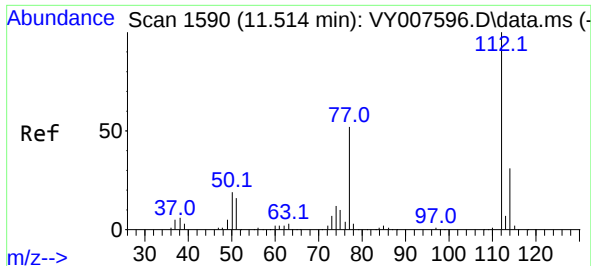


#64
Tetrachloroethene
Concen: 56.116 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



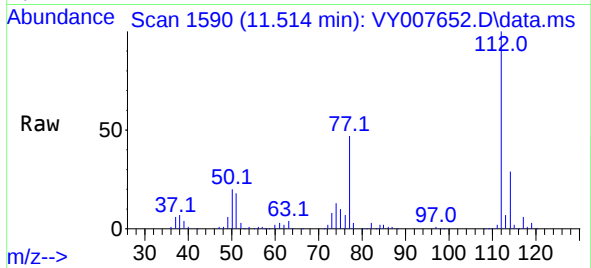
Tgt Ion:164 Resp: 37787
Ion Ratio Lower Upper
164 100
166 119.4 100.4 150.6
129 90.6 71.4 107.0
131 81.6 70.8 106.2





#65
Chlorobenzene
Concen: 49.465 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

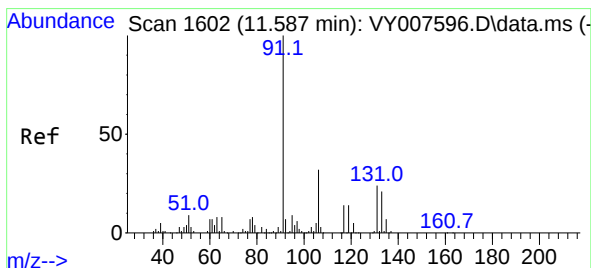
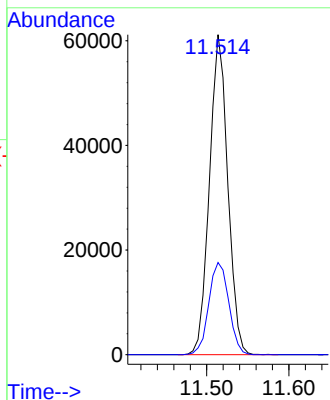
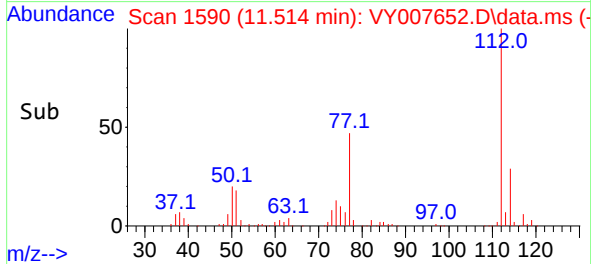
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 94730
Ion Ratio Lower Upper
112 100
114 28.8 25.8 38.6

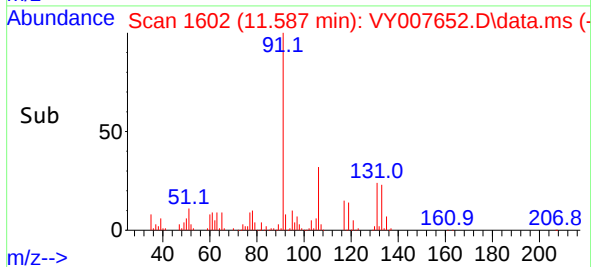
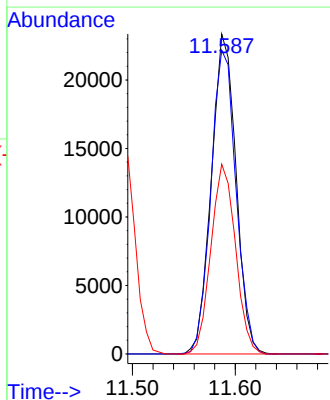
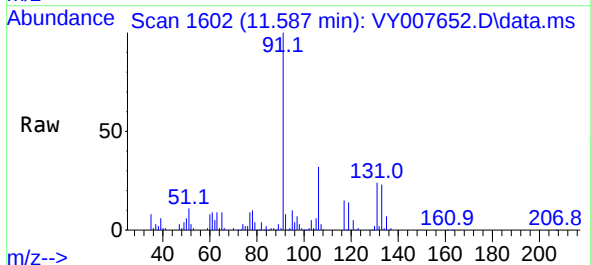
Manual Integrations
APPROVED

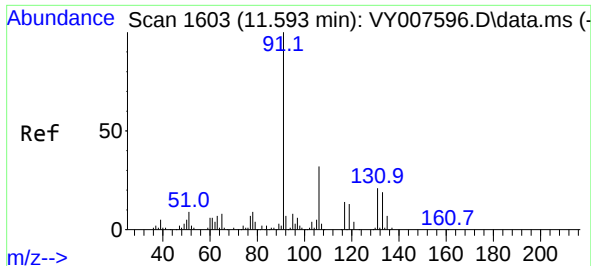
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.154 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion:131 Resp: 38815
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.6
119 59.3 30.8 92.3





#67

Ethyl Benzene

Concen: 50.323 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 161630

Ion Ratio Lower Upper

91 100

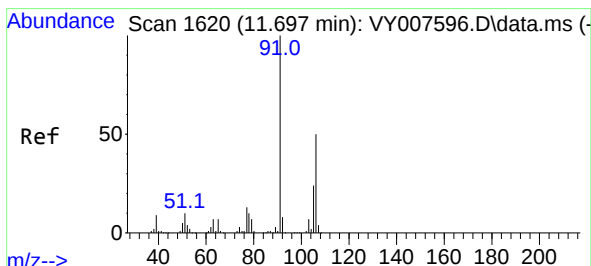
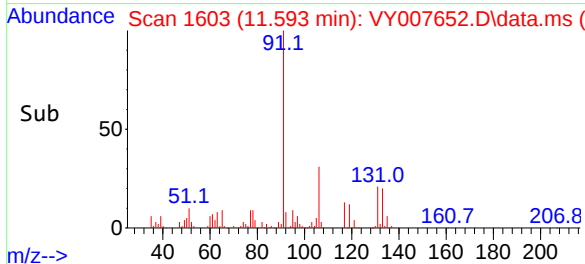
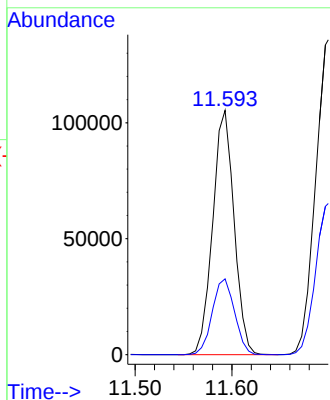
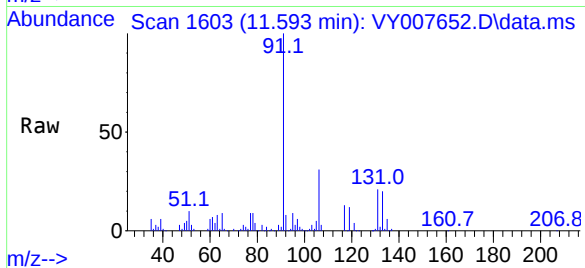
106 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#68

m/p-Xylenes

Concen: 98.106 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007652.D

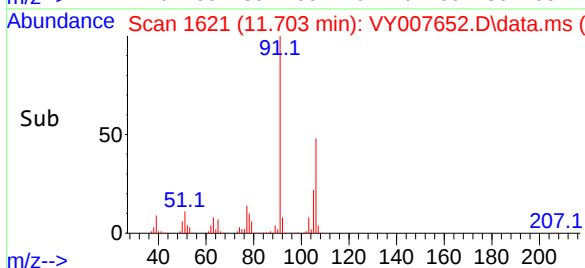
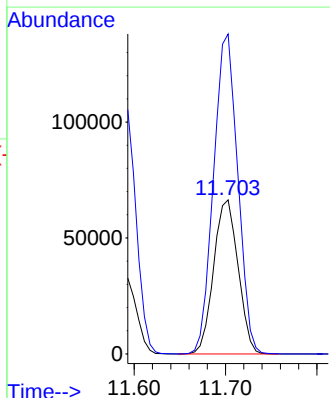
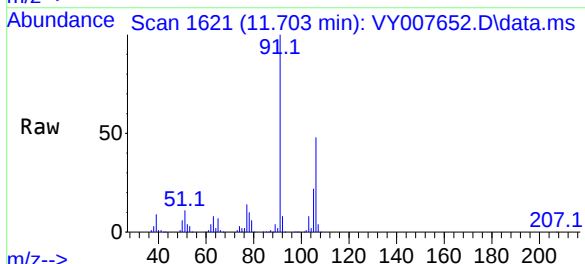
Acq: 25 Feb 2022 21:15

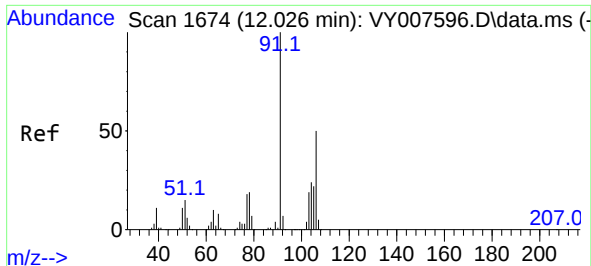
Tgt Ion:106 Resp: 123402

Ion Ratio Lower Upper

106 100

91 205.7 166.6 249.8





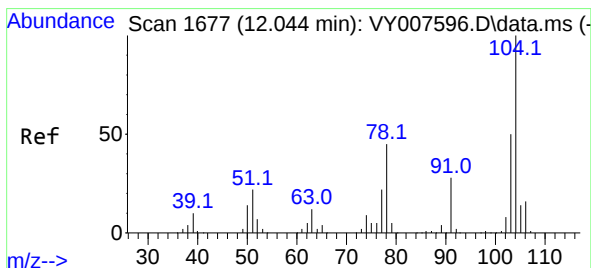
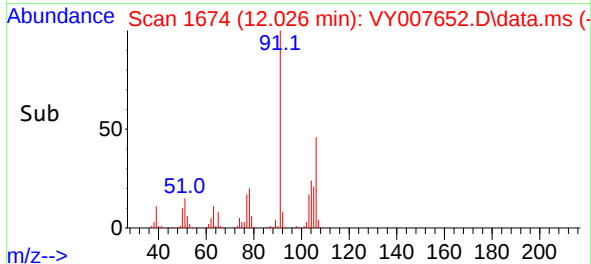
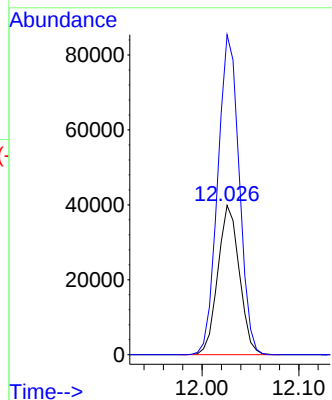
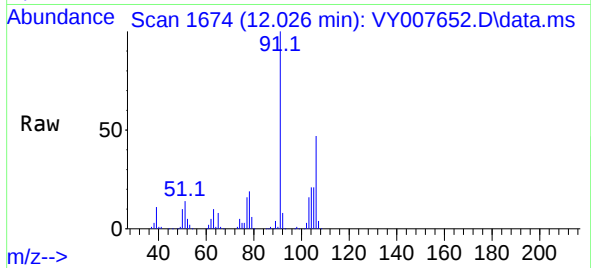
#69
o-Xylene
Concen: 49.749 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 61544
Ion Ratio Lower Upper
106 100
91 213.7 110.3 331.0

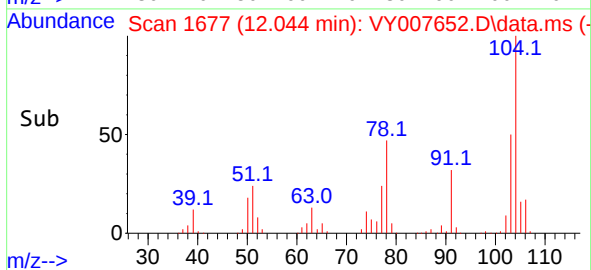
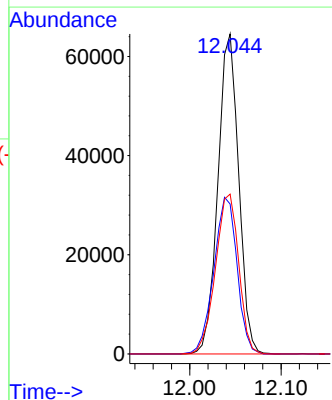
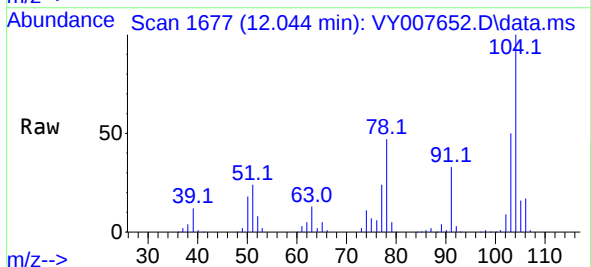
Manual Integrations
APPROVED

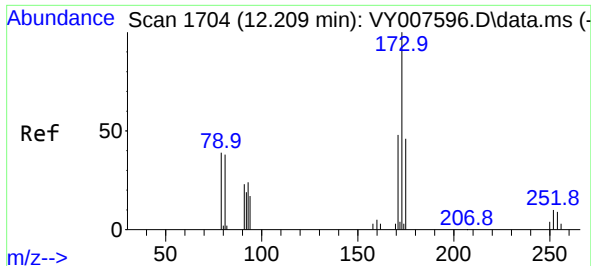
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#70
Styrene
Concen: 49.311 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

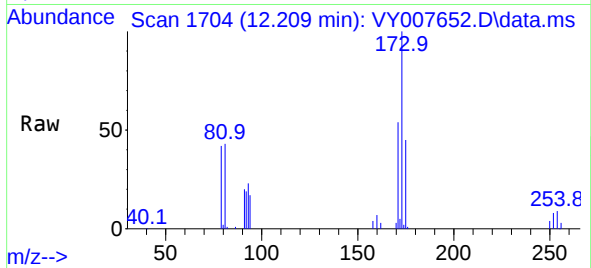
Tgt Ion:104 Resp: 102044
Ion Ratio Lower Upper
104 100
78 54.8 42.4 63.6
103 55.8 44.4 66.6





#71
Bromoform
Concen: 51.620 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

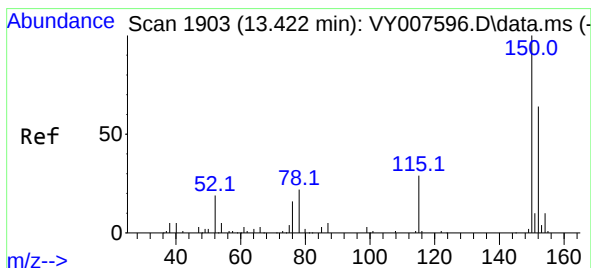
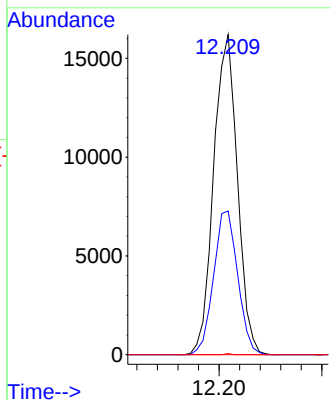
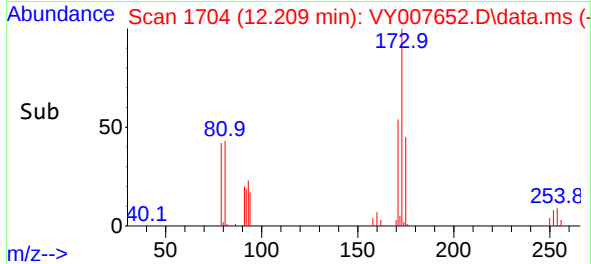
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 2594
Ion Ratio Lower Upper
173 100
175 45.6 24.6 74.0
254 0.1 0.0 0.0

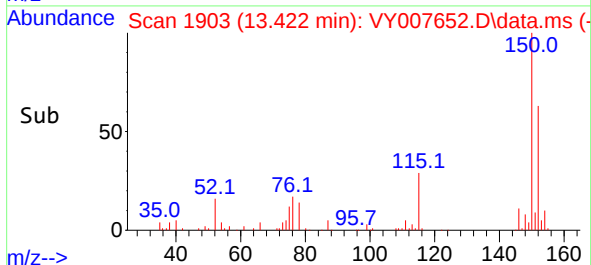
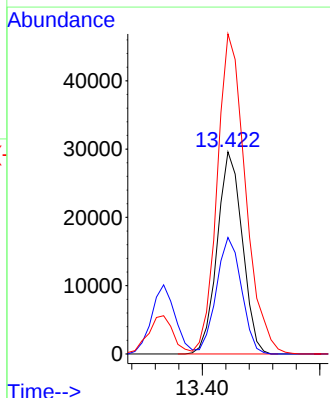
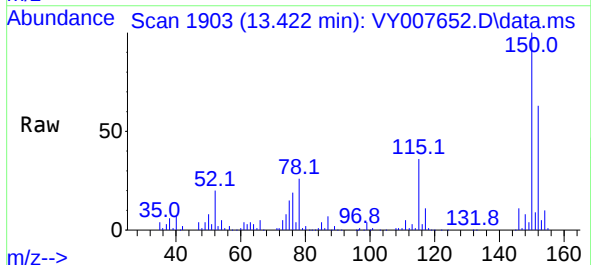
Manual Integrations
APPROVED

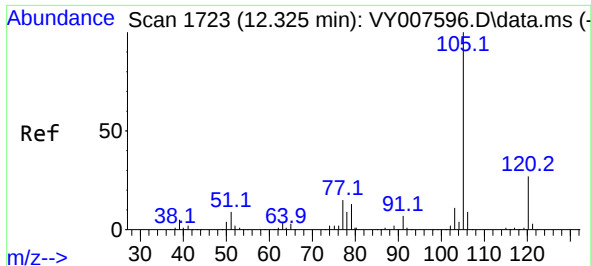
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion:152 Resp: 43910
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 177.9 0.0 347.6





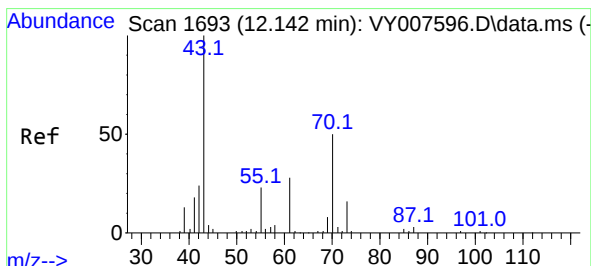
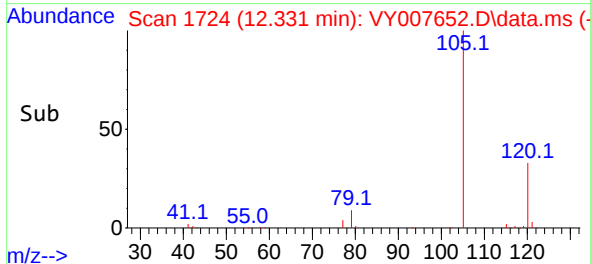
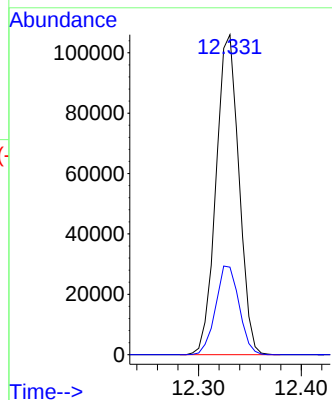
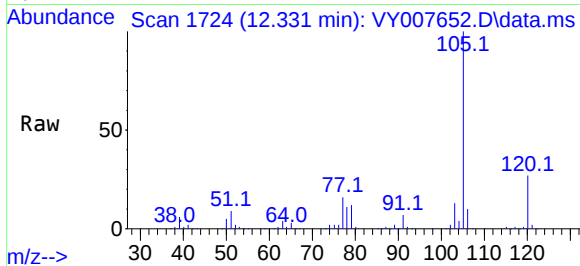
#73
Isopropylbenzene
Concen: 48.488 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 16400
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2

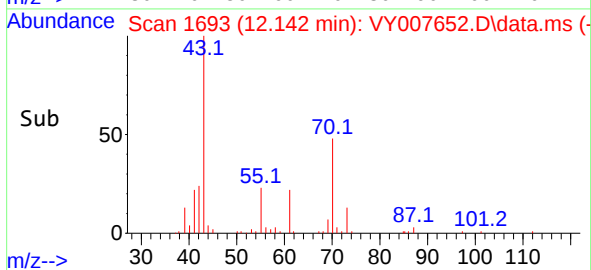
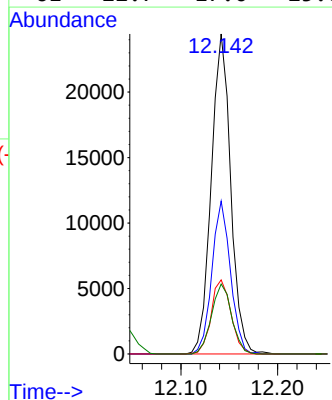
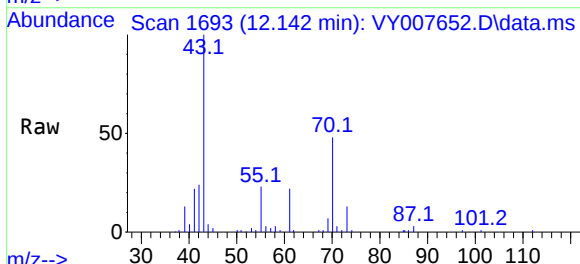
Manual Integrations
APPROVED

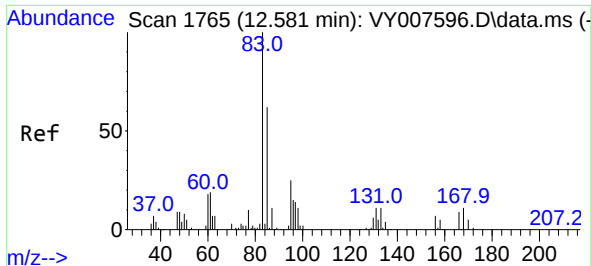
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#74
N-ethyl acetate
Concen: 51.899 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

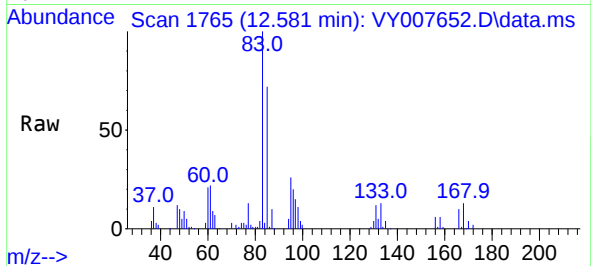
Tgt Ion: 43 Resp: 34185
Ion Ratio Lower Upper
43 100
70 45.6 28.7 43.1#
55 23.6 17.3 25.9
61 22.7 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.407 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

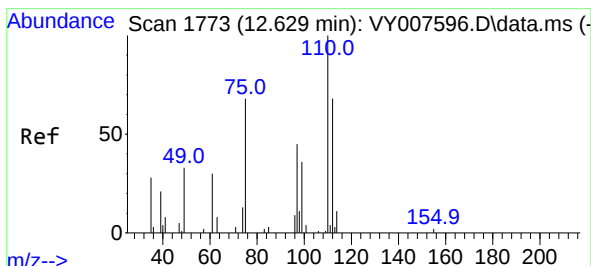
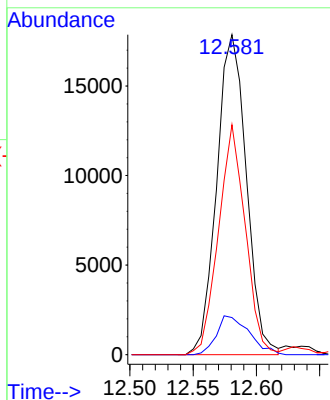
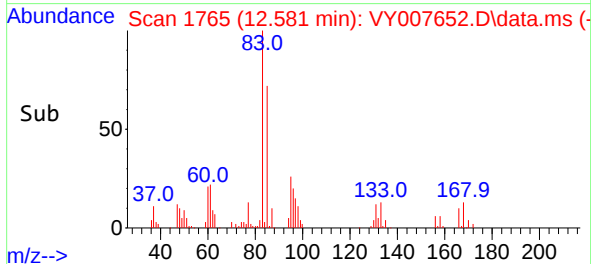
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



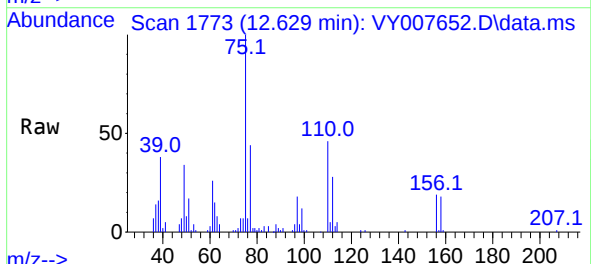
Tgt Ion: 83 Resp: 29074
Ion Ratio Lower Upper
83 100
131 13.4 5.6 16.8
85 65.1 32.3 96.8

Manual Integrations
APPROVED

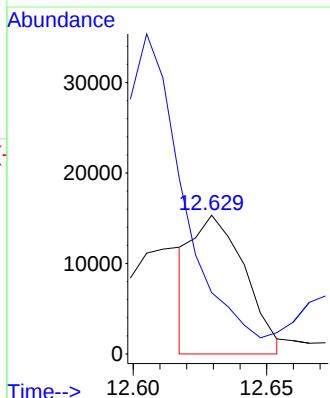
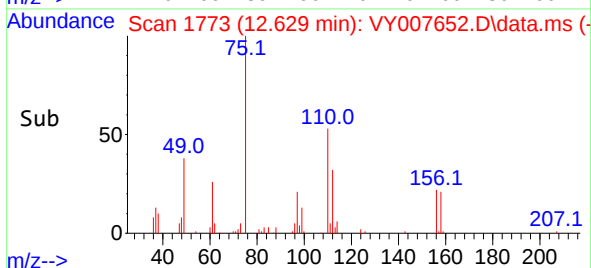
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

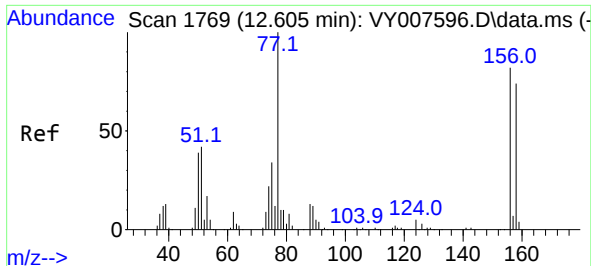


#76
1,2,3-Trichloropropane
Concen: 47.634 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion: 75 Resp: 20919
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





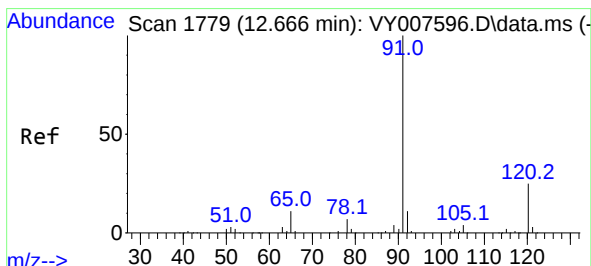
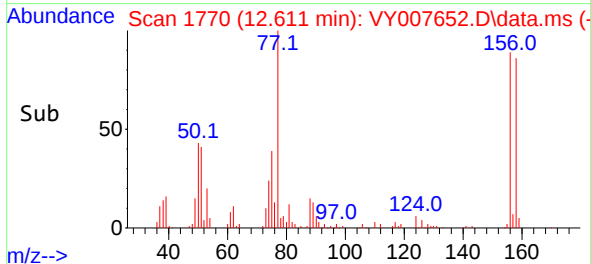
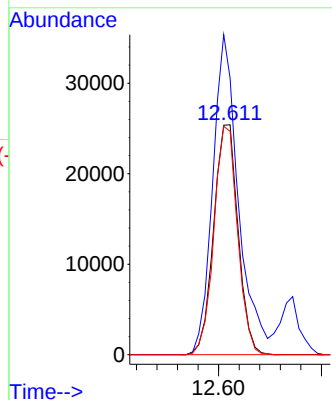
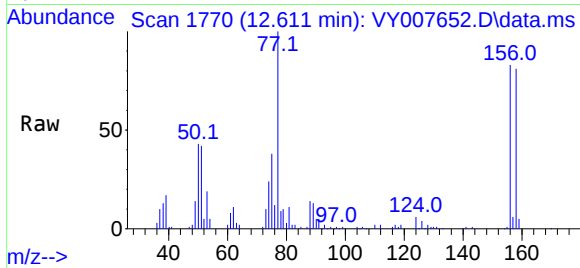
#77
Bromobenzene
Concen: 47.501 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 4188
Ion Ratio Lower Upper
156 100
77 145.9 95.5 286.4
158 95.9 48.0 144.0

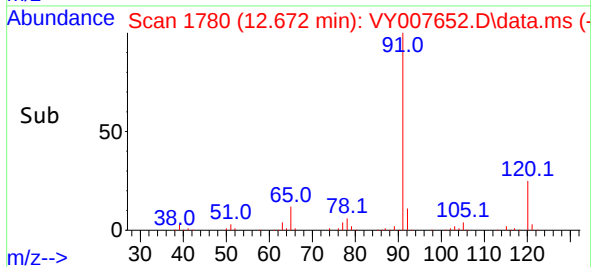
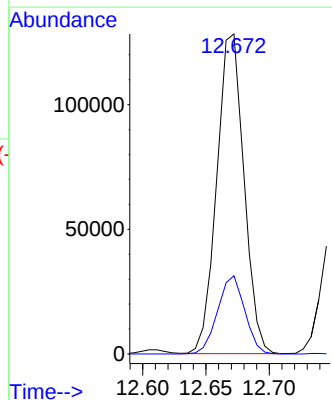
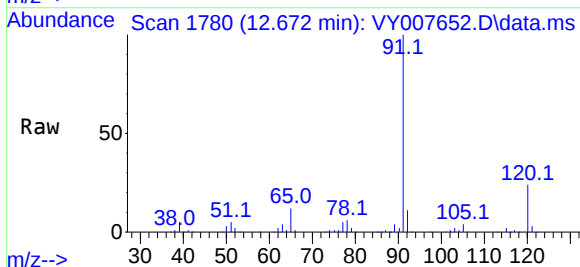
Manual Integrations
APPROVED

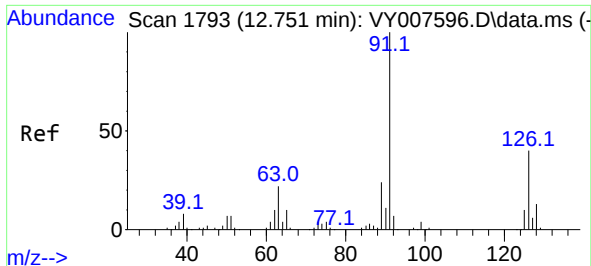
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#78
n-propylbenzene
Concen: 49.114 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion: 91 Resp: 191858
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9





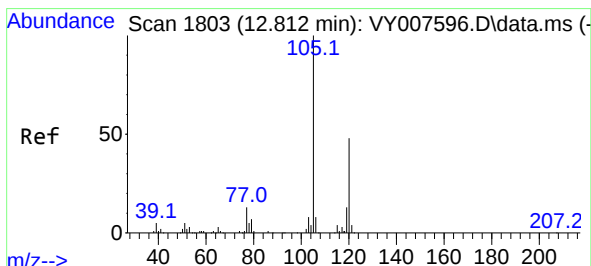
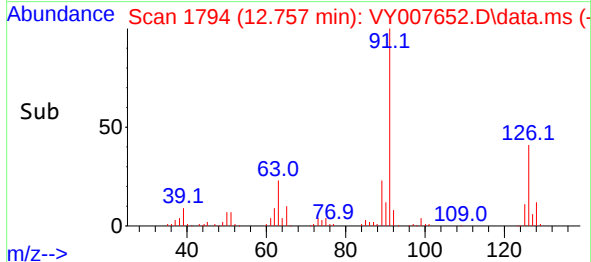
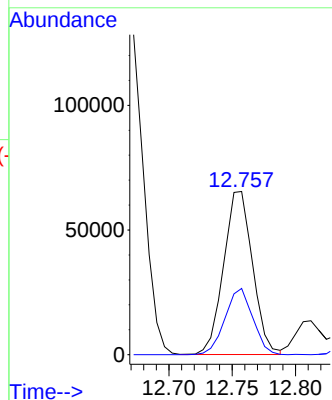
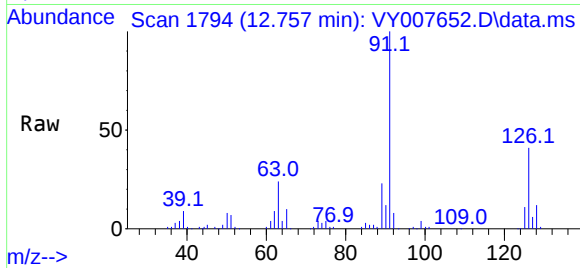
#79
2-Chlorotoluene
Concen: 48.088 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 10457
Ion Ratio Lower Upper
91 100
126 38.8 16.9 50.6

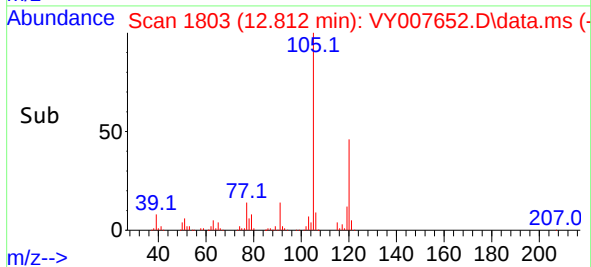
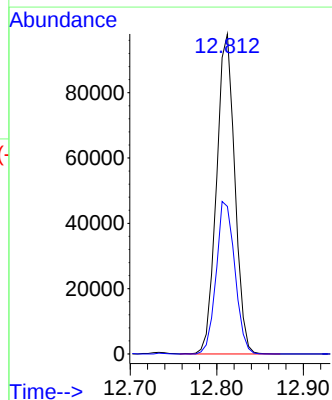
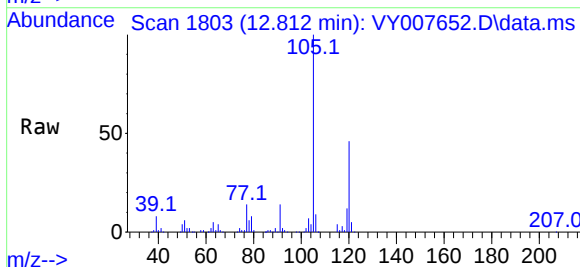
Manual Integrations
APPROVED

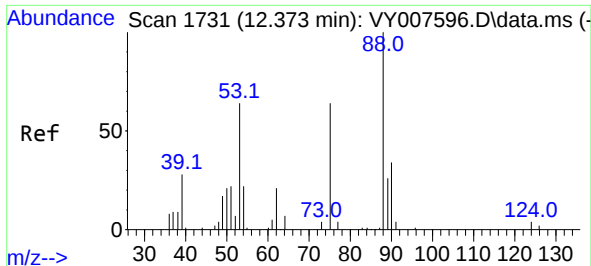
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.867 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Tgt Ion:105 Resp: 143485
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.4





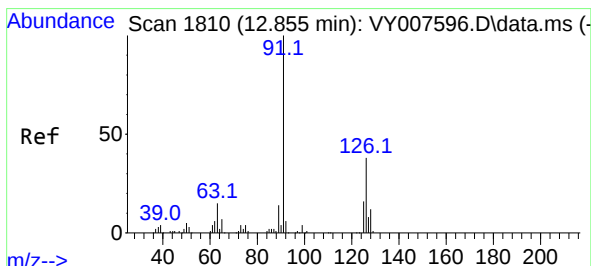
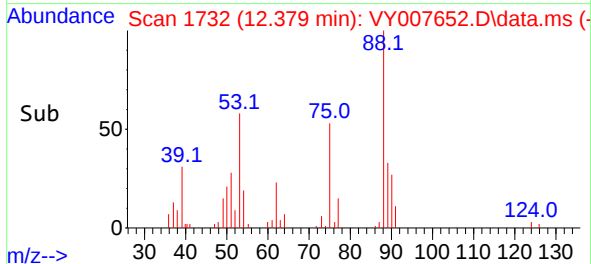
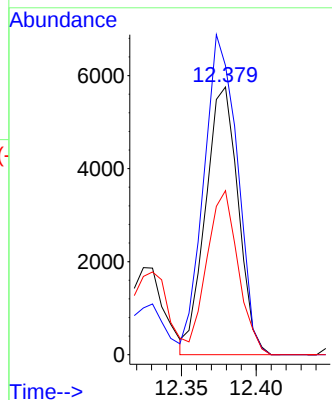
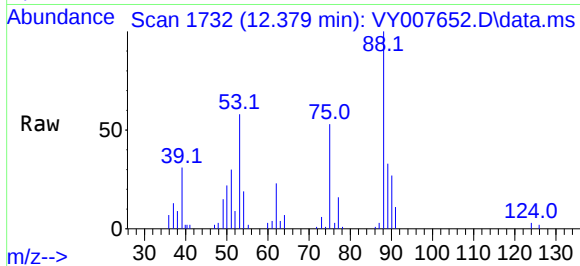
#81
trans-1,4-Dichloro-2-butene
Concen: 42.835 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 8749
Ion Ratio Lower Upper
75 100
53 122.6 85.3 127.9
89 58.3 37.0 55.4

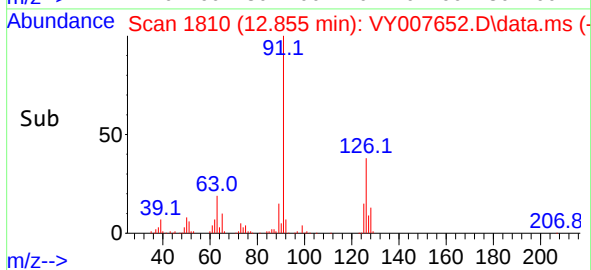
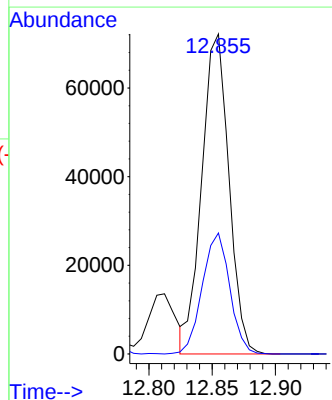
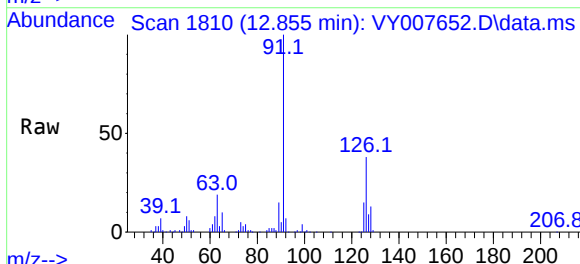
Manual Integrations
APPROVED

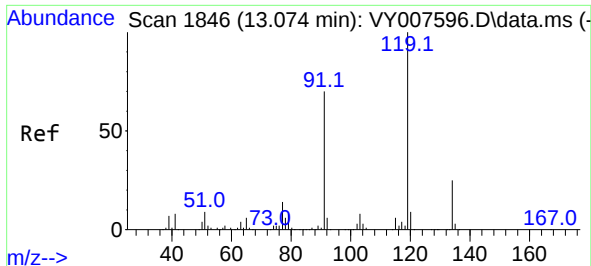
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#82
4-Chlorotoluene
Concen: 48.677 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

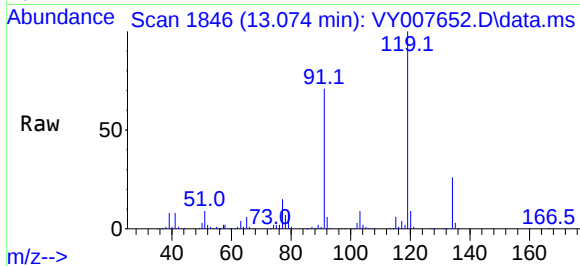
Tgt Ion: 91 Resp: 107953
Ion Ratio Lower Upper
91 100
126 38.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 50.054 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

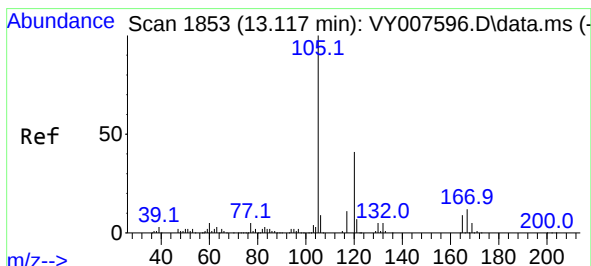
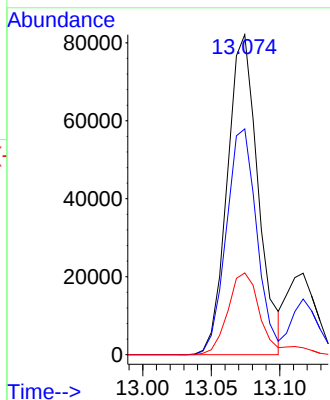
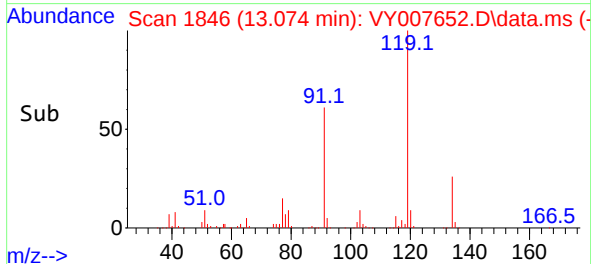
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



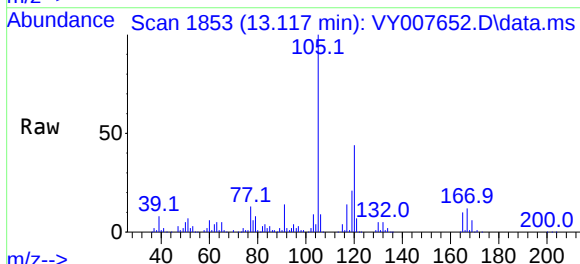
Tgt Ion:119 Resp: 128704
Ion Ratio Lower Upper
119 100
91 69.9 34.8 104.4
134 27.9 13.3 39.9

Manual Integrations
APPROVED

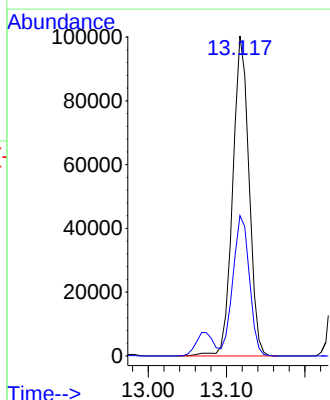
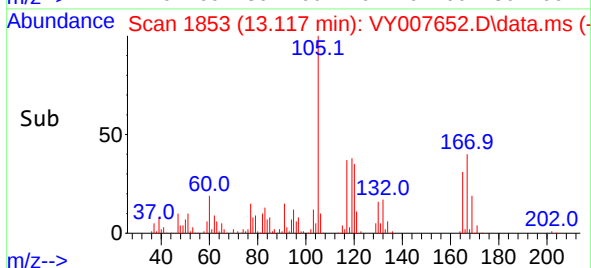
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

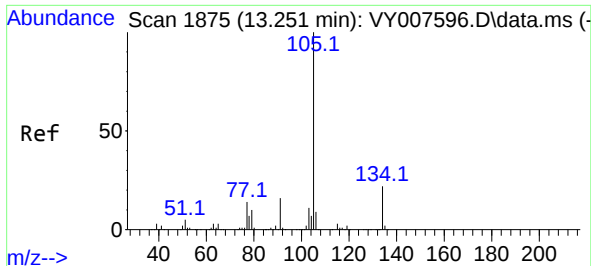


#84
1,2,4-Trimethylbenzene
Concen: 51.209 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



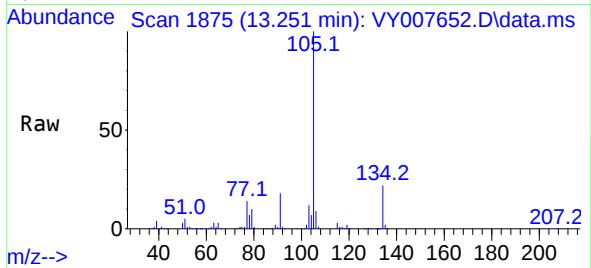
Tgt Ion:105 Resp: 144420
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 48.811 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007652.D
 Acq: 25 Feb 2022 21:15

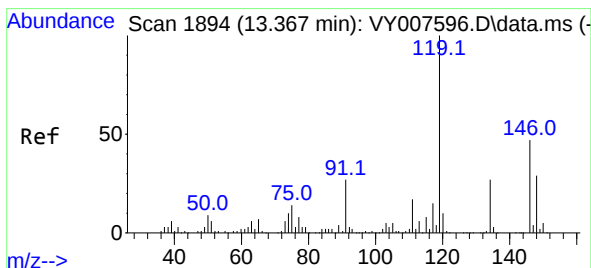
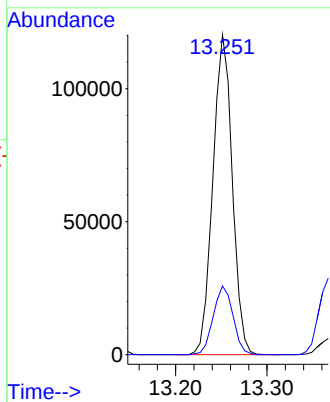
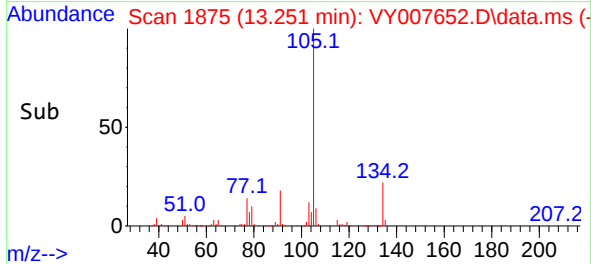
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



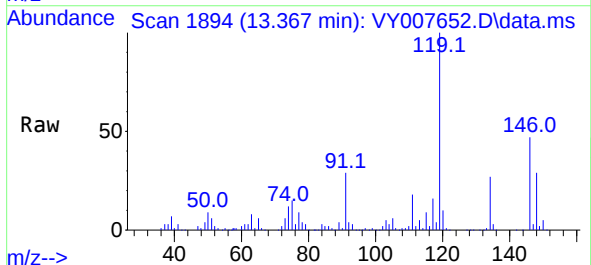
Tgt Ion:105 Resp: 177349
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.2 30.4

Manual Integrations
 APPROVED

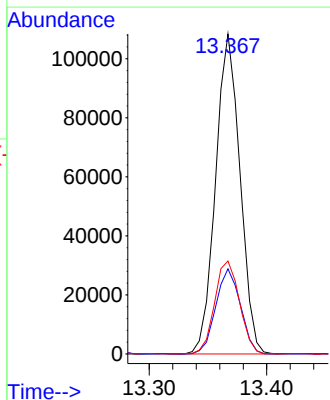
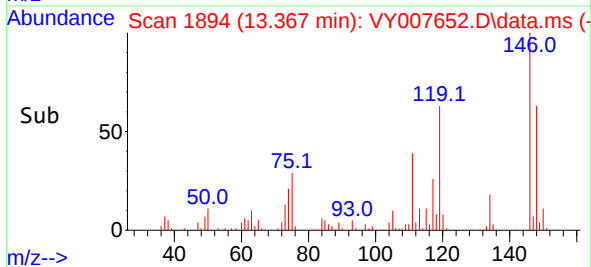
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

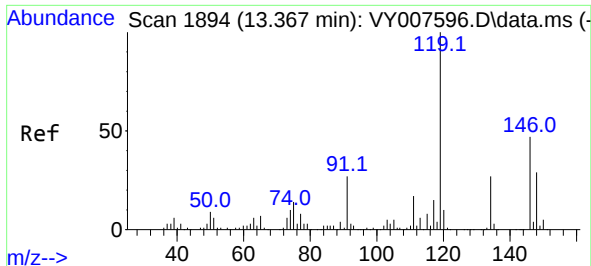


#86
 p-Isopropyltoluene
 Concen: 50.143 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007652.D
 Acq: 25 Feb 2022 21:15



Tgt Ion:119 Resp: 156566
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 29.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.781 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 81530

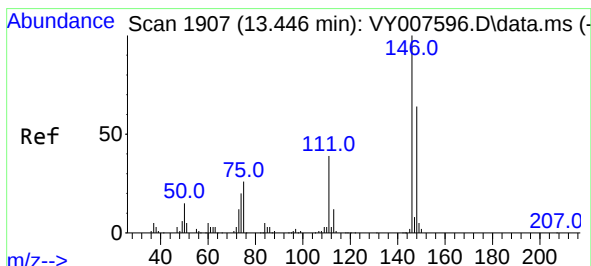
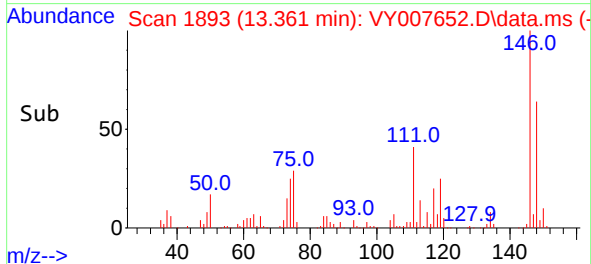
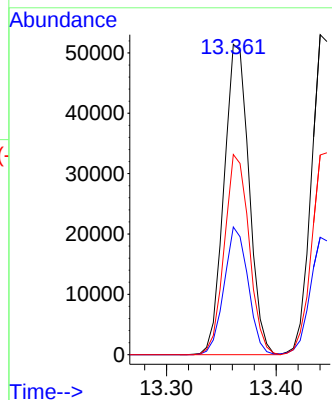
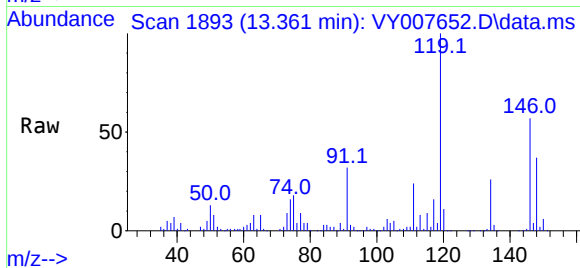
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.5	58.5
148	63.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#88

1,4-Dichlorobenzene

Concen: 51.559 ug/l

RT: 13.440 min Scan# 1906

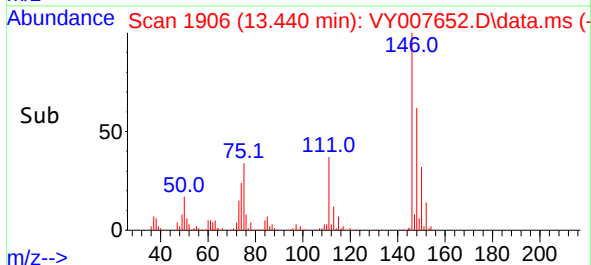
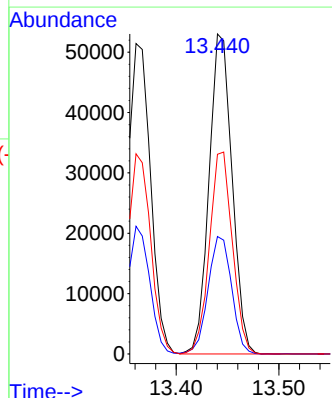
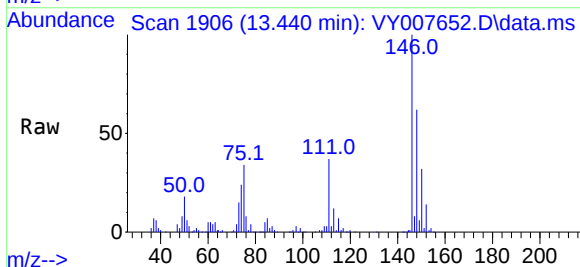
Delta R.T. -0.006 min

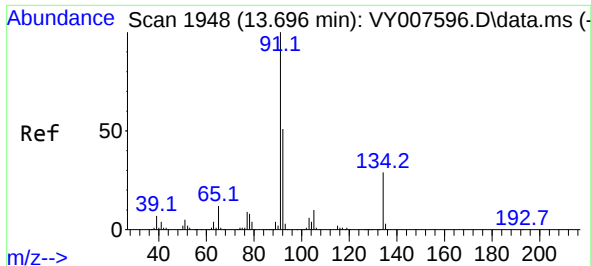
Lab File: VY007652.D

Acq: 25 Feb 2022 21:15

Tgt Ion:146 Resp: 82677

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	63.1	32.6	97.8





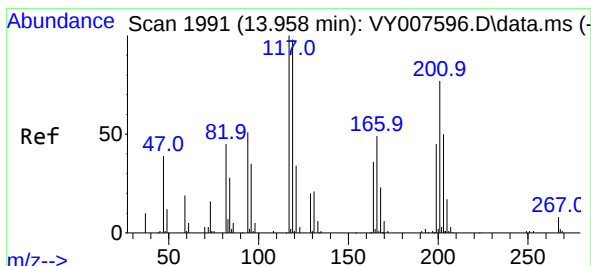
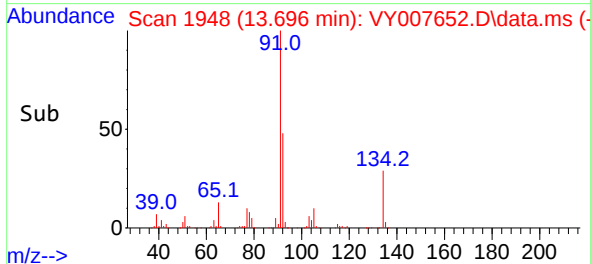
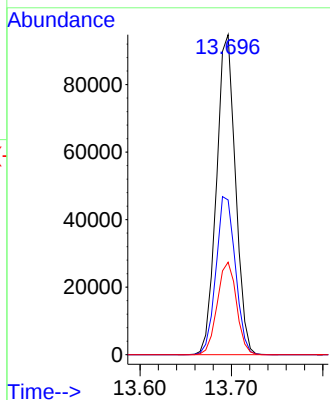
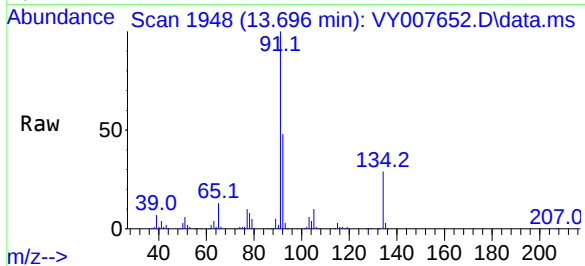
#89
n-Butylbenzene
Concen: 48.680 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 136850
Ion Ratio Lower Upper
91 100
92 50.5 26.3 78.9
134 29.3 13.0 38.9

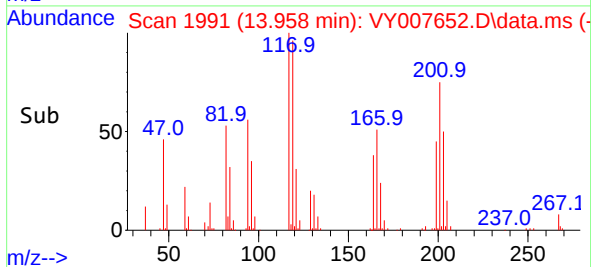
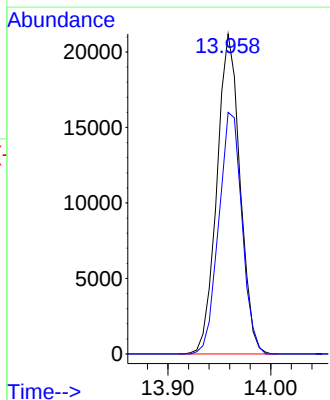
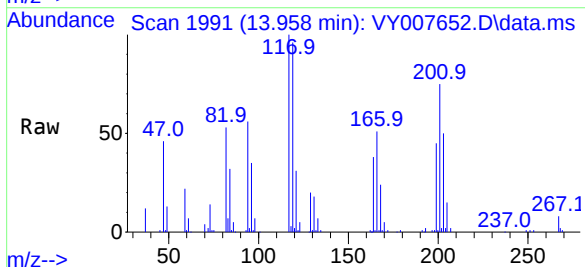
Manual Integrations
APPROVED

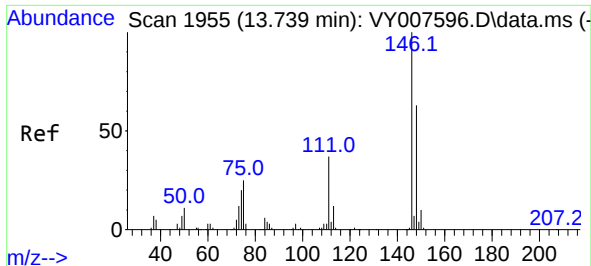
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#90
Hexachloroethane
Concen: 52.541 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

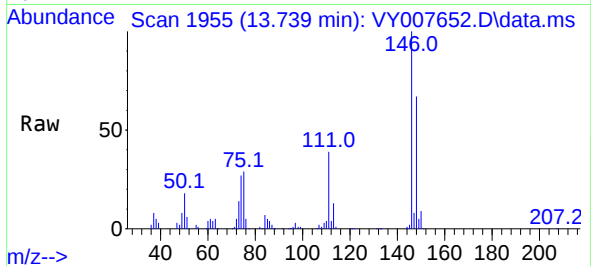
Tgt Ion:117 Resp: 33068
Ion Ratio Lower Upper
117 100
201 76.0 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 49.462 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

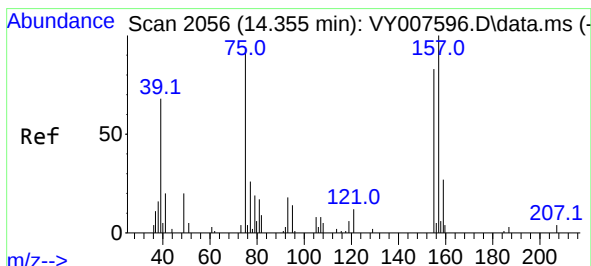
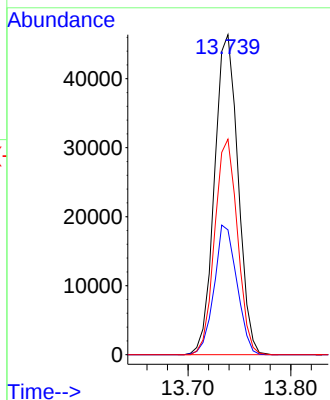
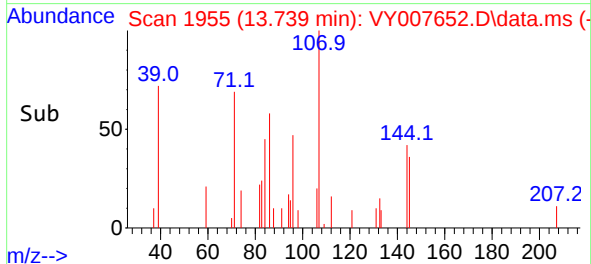
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



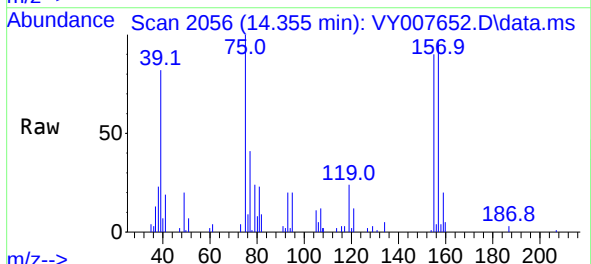
Tgt Ion:146 Resp: 73594
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 65.3 32.3 96.9

Manual Integrations
APPROVED

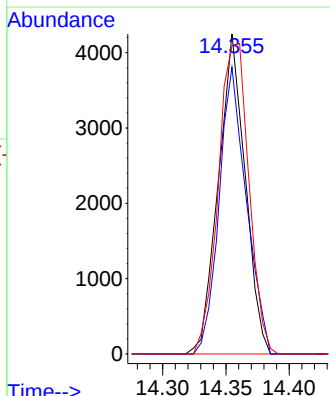
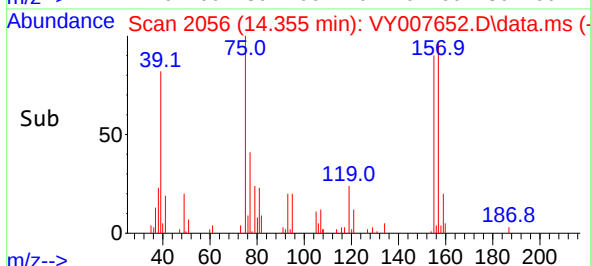
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

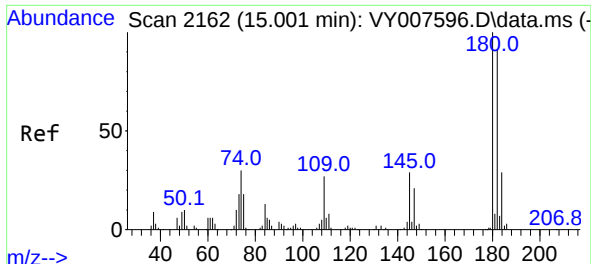


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.636 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



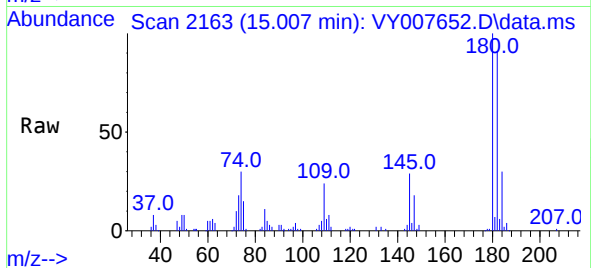
Tgt Ion: 75 Resp: 6246
Ion Ratio Lower Upper
75 100
155 90.9 38.0 113.9
157 110.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 50.220 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

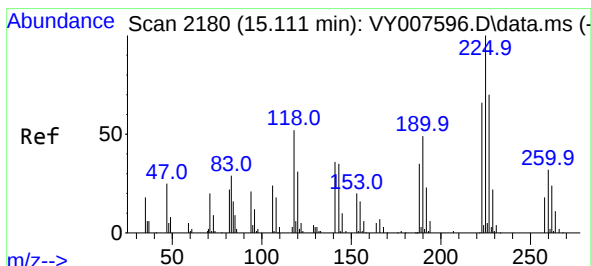
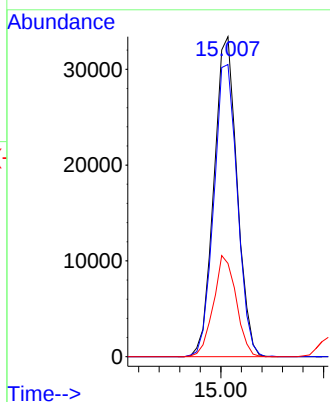
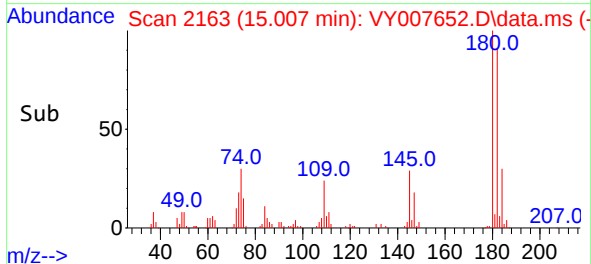
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



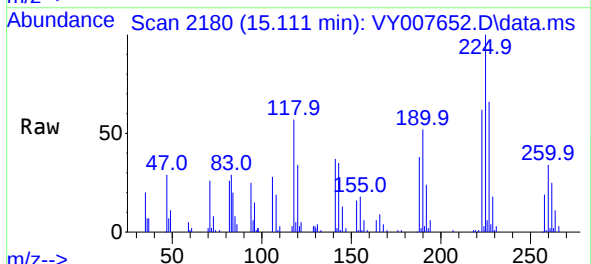
Tgt Ion:180 Resp: 5210
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 31.1 14.6 43.8

Manual Integrations
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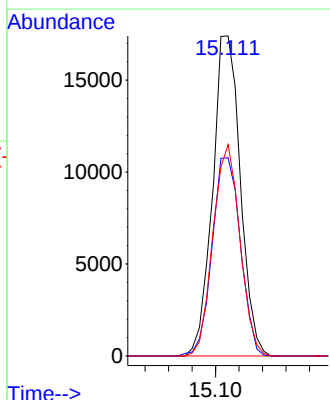
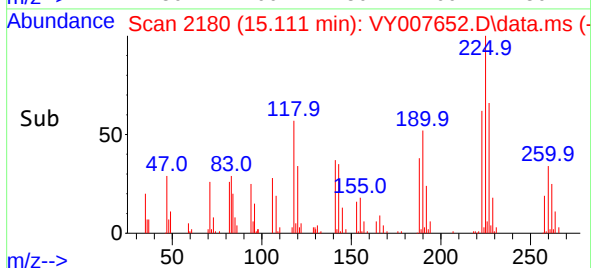
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

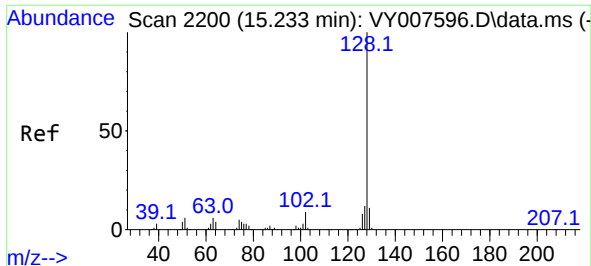


#94
Hexachlorobutadiene
Concen: 49.554 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



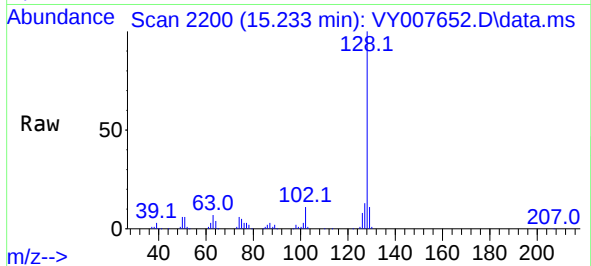
Tgt Ion:225 Resp: 28525
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.3
227 64.0 31.6 94.7





#95
Naphthalene
Concen: 51.384 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15

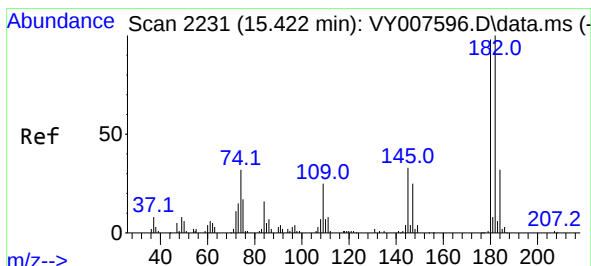
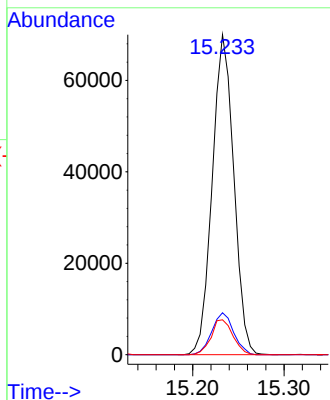
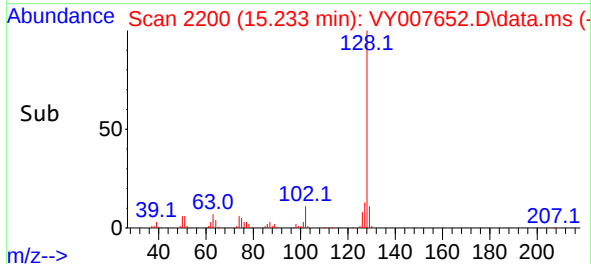
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



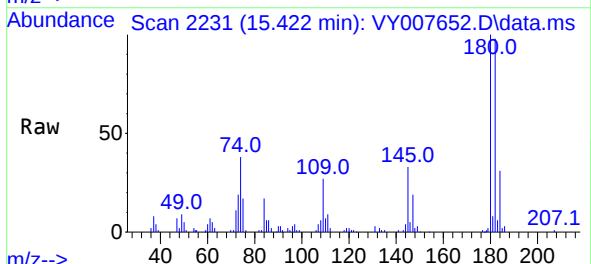
Tgt Ion:128 Resp: 114420
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.847 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007652.D
Acq: 25 Feb 2022 21:15



Tgt Ion:180 Resp: 45574
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 32.4 15.3 45.9

