

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007594.D
 Acq On : 23 Feb 2022 12:58
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 23 15:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	83715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	130769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8331	9.636	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.280%#		
35) Dibromofluoromethane	7.716	113	7010	8.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	17.180%#		
50) Toluene-d8	10.179	98	23054	8.122	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	16.240%#		
62) 4-Bromofluorobenzene	12.477	95	9562	9.372	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	11084	10.446	ug/l	93
3) Chloromethane	2.113	50	11404	12.062	ug/l	98
4) Vinyl Chloride	2.253	62	12578	12.542	ug/l	97
5) Bromomethane	2.643	94	9358	12.432	ug/l	93
6) Chloroethane	2.790	64	7651	12.059	ug/l	93
7) Trichlorofluoromethane	3.119	101	21720	10.023	ug/l	93
8) Diethyl Ether	3.527	74	5862	11.037	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.893	101	10131	10.117	ug/l	96
10) Methyl Iodide	4.094	142	11158	9.446	ug/l	95
11) Tert butyl alcohol	4.936	59	5047m	63.000	ug/l	
12) 1,1-Dichloroethene	3.875	96	9321	10.329	ug/l #	67
13) Acrolein	3.729	56	6685	92.478	ug/l	100
14) Allyl chloride	4.478	41	9114	9.989	ug/l #	65
15) Acrylonitrile	5.161	53	11076	57.492	ug/l	96
16) Acetone	3.942	43	10843	53.083	ug/l	95
17) Carbon Disulfide	4.192	76	23337	10.036	ug/l	96
18) Methyl Acetate	4.472	43	4779	10.640	ug/l #	70
19) Methyl tert-butyl Ether	5.228	73	25365	10.422	ug/l	94
20) Methylene Chloride	4.716	84	13319	13.007	ug/l #	73
21) trans-1,2-Dichloroethene	5.216	96	9714	10.690	ug/l #	71
22) Diisopropyl ether	6.112	45	19608	10.650	ug/l #	95
23) Vinyl Acetate	6.057	43	71097	56.293	ug/l #	83
24) 1,1-Dichloroethane	6.021	63	14210	10.145	ug/l #	95
25) 2-Butanone	6.984	43	12986	57.346	ug/l #	67
26) 2,2-Dichloropropane	6.978	77	15670	10.007	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	11124	10.775	ug/l	79
28) Bromochloromethane	7.338	49	5152	11.121	ug/l #	43
29) Tetrahydrofuran	7.350	42	7817	59.498	ug/l #	54
30) Chloroform	7.508	83	18441	10.655	ug/l	99
31) Cyclohexane	7.783	56	12777	10.417	ug/l #	73
32) 1,1,1-Trichloroethane	7.704	97	17763	10.103	ug/l	95
36) 1,1-Dichloropropene	7.917	75	12197	9.983	ug/l	92
37) Ethyl Acetate	7.069	43	6190	12.422	ug/l #	95
38) Carbon Tetrachloride	7.899	117	17868	10.584	ug/l	89
39) Methylcyclohexane	9.179	83	16089	10.400	ug/l #	79
40) Benzene	8.161	78	34967	10.576	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3284m	12.440	ug/l	
42) 1,2-Dichloroethane	8.234	62	12458	10.815	ug/l	88
43) Isopropyl Acetate	8.270	43	11696	11.442	ug/l #	94
44) Trichloroethene	8.935	130	11354	10.229	ug/l	97
45) 1,2-Dichloropropane	9.222	63	7498	10.248	ug/l	97
46) Dibromomethane	9.301	93	6144	10.734	ug/l	98
47) Bromodichloromethane	9.496	83	13614	10.134	ug/l #	96
48) Methyl methacrylate	9.295	41	5072	11.655	ug/l #	57
49) 1,4-Dioxane	9.295	88	1706	259.511	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	29498	57.967	ug/l	89
52) Toluene	10.240	92	23974	10.587	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	14079	10.388	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	15588	10.886	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	8645	11.768	ug/l	95
56) Ethyl methacrylate	10.508	69	10102	11.289	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	12698	10.837	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.782	63	23079	53.530	ug/l #	75
59) 2-Hexanone	10.831	43	20749	56.361	ug/l	82
60) Dibromochloromethane	10.983	129	10731	10.654	ug/l	96
61) 1,2-Dibromoethane	11.087	107	7929	10.615	ug/l	94
64) Tetrachloroethene	10.721	164	11526	11.176	ug/l	95
65) Chlorobenzene	11.514	112	26724	10.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	10921	10.495	ug/l	98
67) Ethyl Benzene	11.593	91	44945	9.822	ug/l	99
68) m/p-Xylenes	11.697	106	35583	20.193	ug/l	91
69) o-Xylene	12.032	106	18454	10.878	ug/l	90
70) Styrene	12.044	104	29324	10.380	ug/l	98
71) Bromoform	12.209	173	7759	11.826	ug/l #	95
73) Isopropylbenzene	12.325	105	49006	9.866	ug/l	99
74) N-amyl acetate	12.142	43	9846	10.497	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	9788	11.632	ug/l	94
76) 1,2,3-Trichloropropane	12.629	75	6813	9.723	ug/l #	100
77) Bromobenzene	12.605	156	12855	10.819	ug/l	79
78) n-propylbenzene	12.666	91	55956	9.660	ug/l	96
79) 2-Chlorotoluene	12.757	91	31115	9.656	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	42723	10.240	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	3332	11.390	ug/l #	84
82) 4-Chlorotoluene	12.855	91	32184	9.789	ug/l	92
83) tert-Butylbenzene	13.074	119	37300	9.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	40841	9.980	ug/l	98
85) sec-Butylbenzene	13.251	105	52492	9.764	ug/l	97
86) p-Isopropyltoluene	13.367	119	44463	9.710	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	23714	10.481	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	22534	10.128	ug/l	95
89) n-Butylbenzene	13.690	91	40347	9.707	ug/l	96
90) Hexachloroethane	13.958	117	8570	9.410	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	21857	10.846	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1810	10.995	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	14365	10.472	ug/l	97
94) Hexachlorobutadiene	15.105	225	7775	9.516	ug/l	94
95) Naphthalene	15.233	128	31815	11.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	12568	10.613	ug/l	95

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ClientSampleId :
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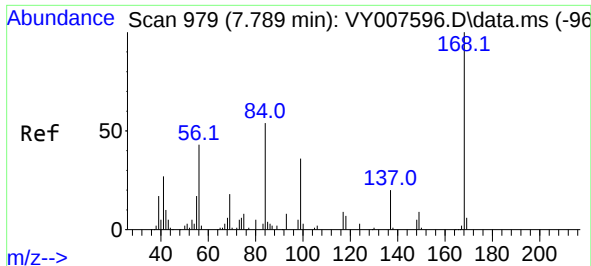
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 15:09:12 2022
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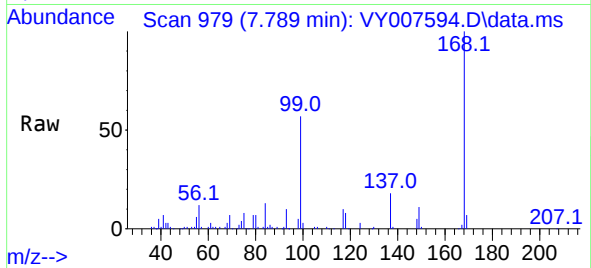
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007594.D
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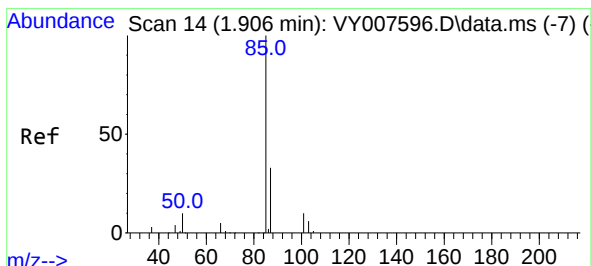
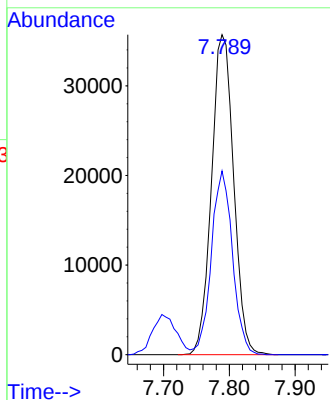
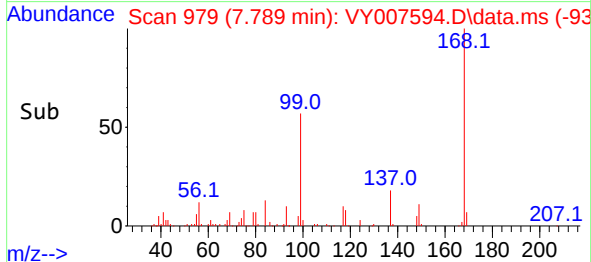
Instrument :
MSVOA_Y
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VSTDIC010



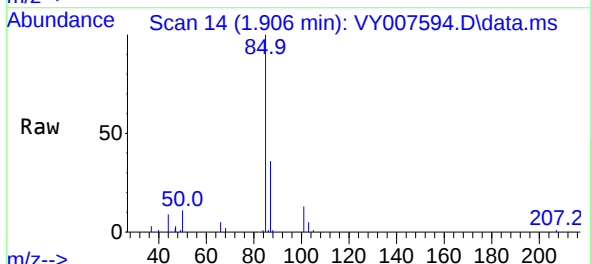
Tgt Ion:168 Resp: 83715
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3

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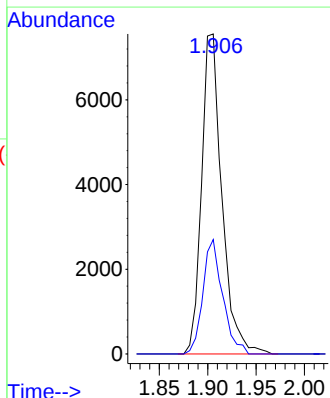
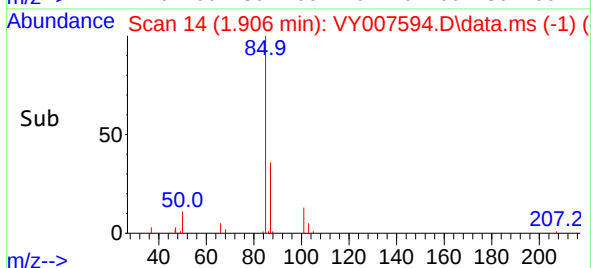
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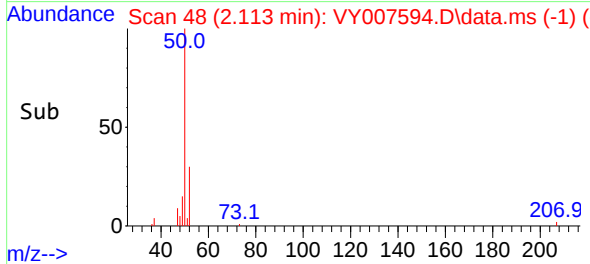
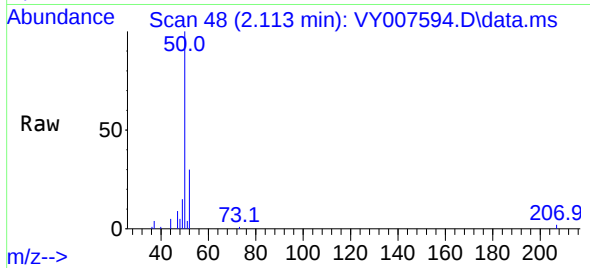
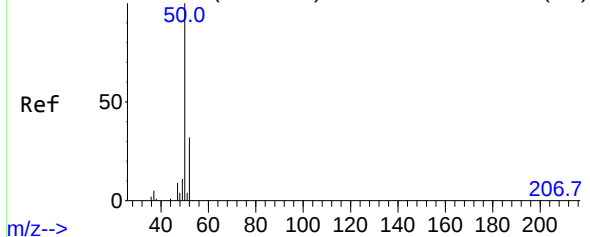
#2
Dichlorodifluoromethane
Concen: 10.446 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 85 Resp: 11084
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2



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



#3

Chloromethane

Concen: 12.062 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Tgt Ion: 50 Resp: 11404

Ion Ratio Lower Upper

50 100

52 29.7 24.6 37.0

Instrument :

MSVOA_Y

ClientSampleId :

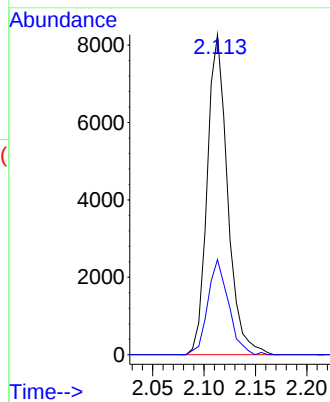
VSTDICC010

Manual Integrations

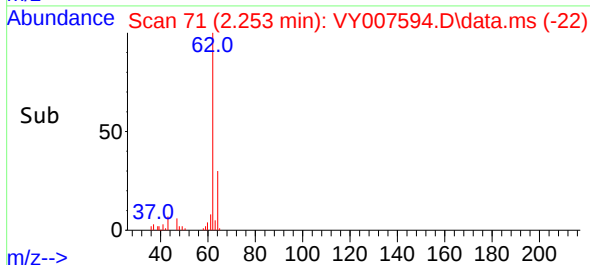
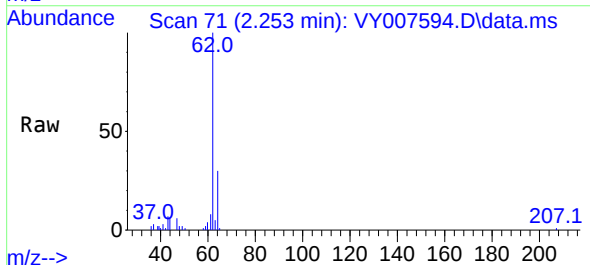
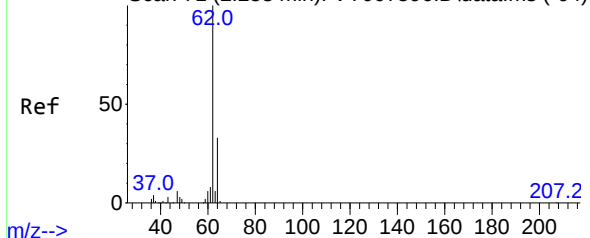
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Supervised By :Mahesh Dadoda 02/24/2022



Abundance Scan 71 (2.253 min): VY007596.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 12.542 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007594.D

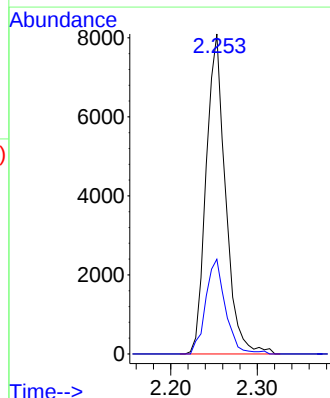
Acq: 23 Feb 2022 12:58

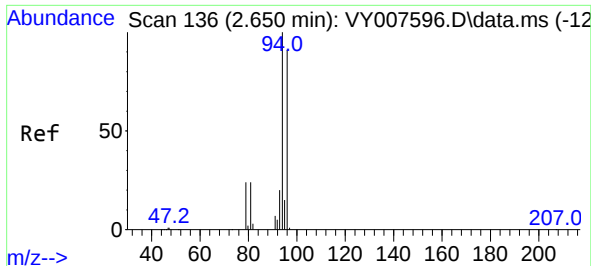
Tgt Ion: 62 Resp: 12578

Ion Ratio Lower Upper

62 100

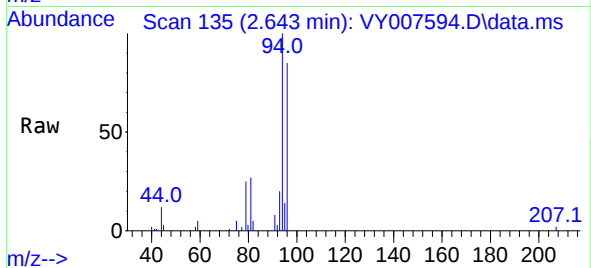
64 29.6 25.0 37.6





#5
Bromomethane
Concen: 12.432 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

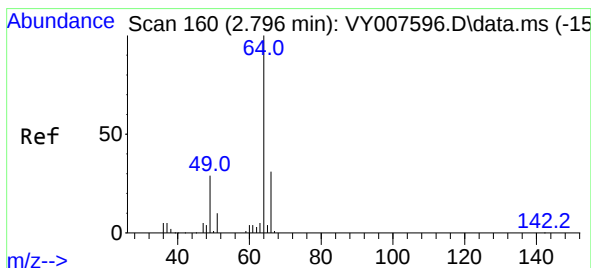
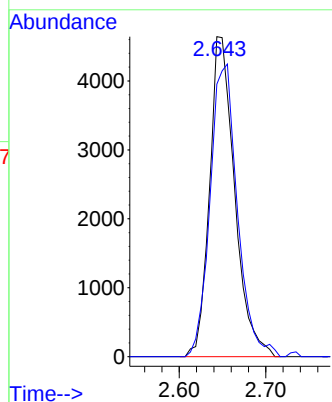
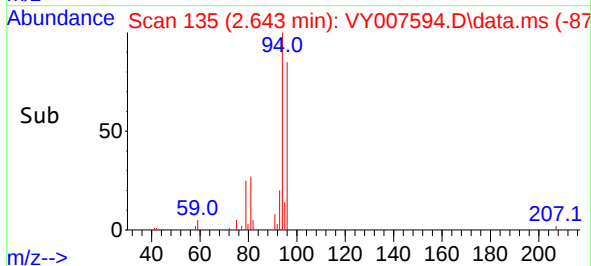
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Tgt Ion: 94 Resp: 9358
Ion Ratio Lower Upper
94 100
96 85.1 73.5 110.3

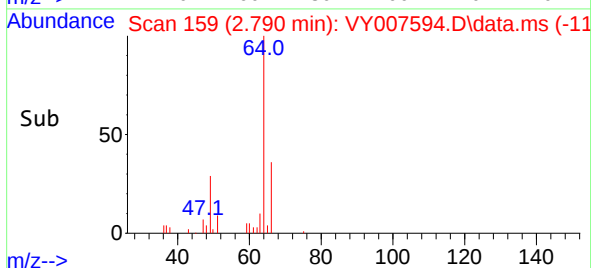
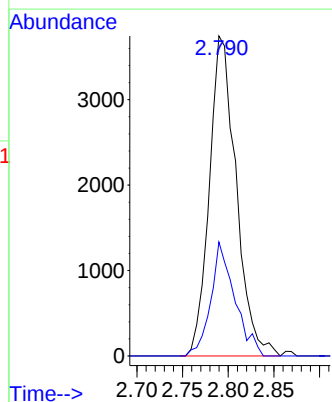
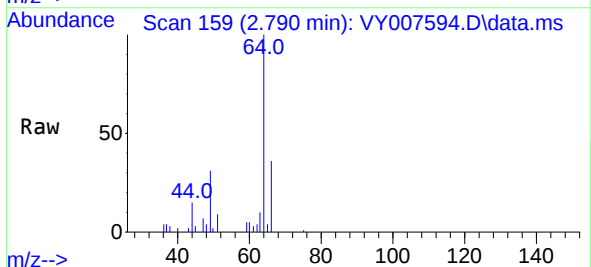
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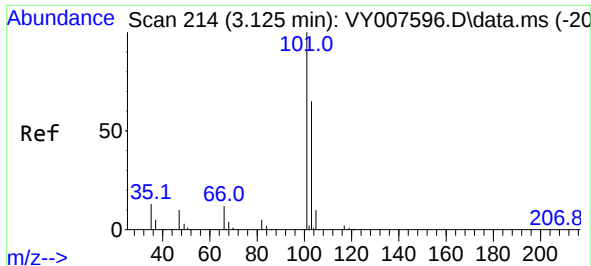
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 12.059 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007594.D
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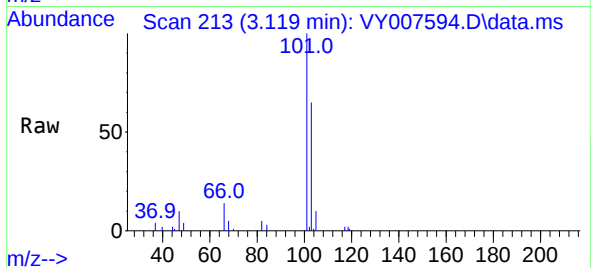
Tgt Ion: 64 Resp: 7651
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 10.023 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

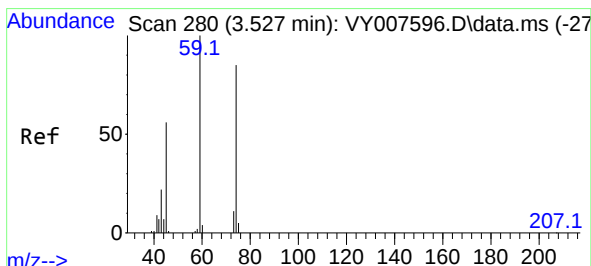
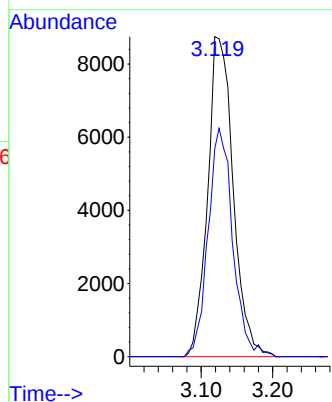
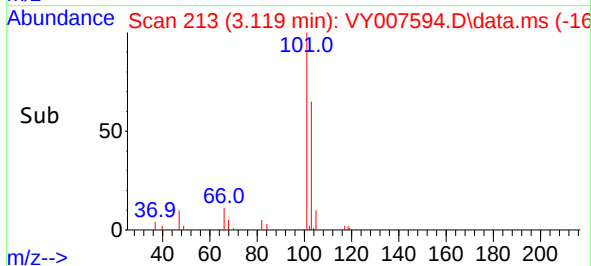
Instrument :
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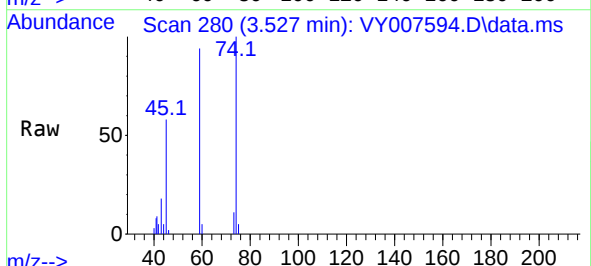
Tgt Ion:101 Resp: 21720
Ion Ratio Lower Upper
101 100
103 65.0 48.0 72.0

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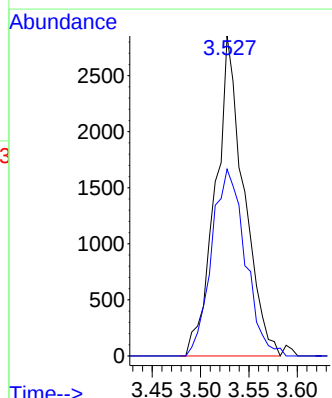
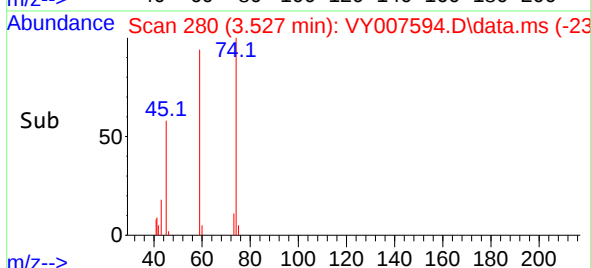
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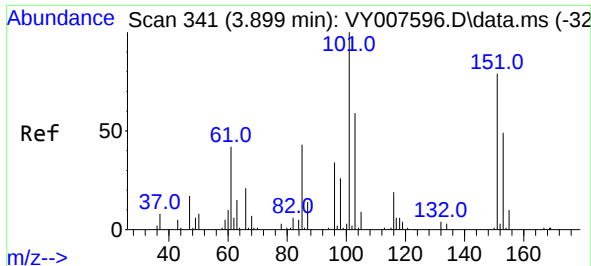


#8
Diethyl Ether
Concen: 11.037 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 74 Resp: 5862
Ion Ratio Lower Upper
74 100
45 68.7 55.1 165.5





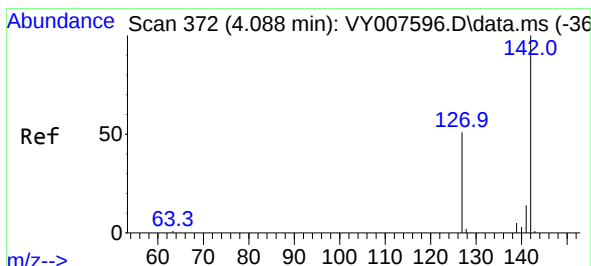
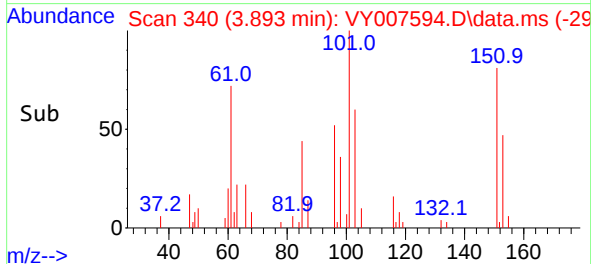
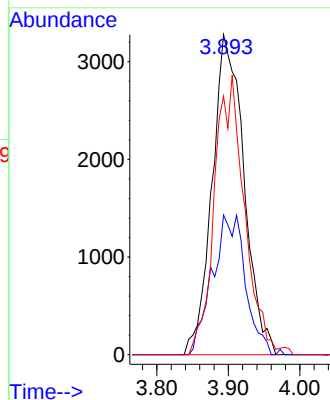
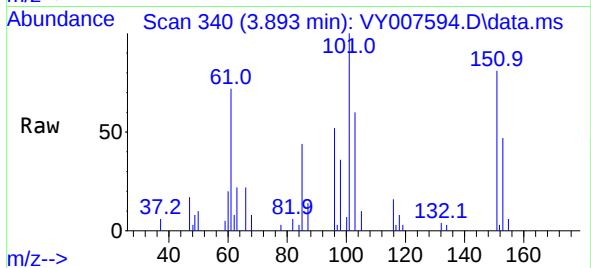
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.117 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1013
Ion Ratio Lower Upper
101 100
85 45.2 40.6 60.8
151 82.4 64.9 97.3

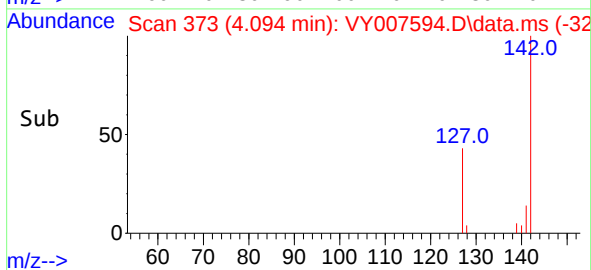
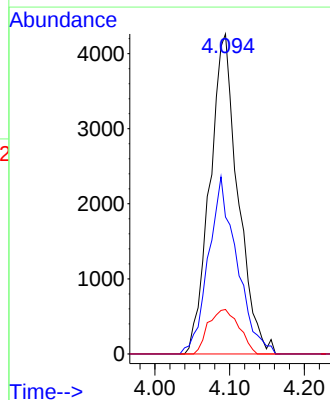
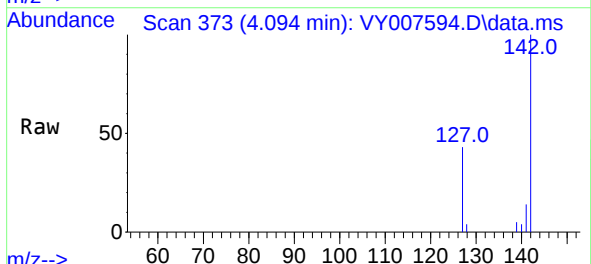
Manual Integrations
APPROVED

Reviewed By :John Carbone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Methyl Iodide
Concen: 9.446 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

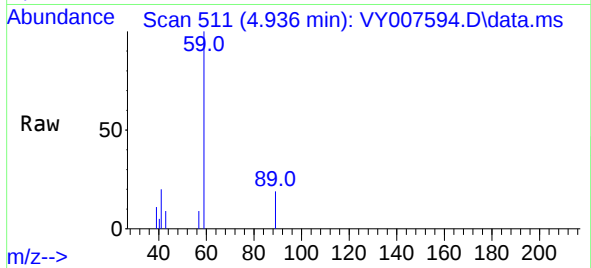
Tgt Ion:142 Resp: 11158
Ion Ratio Lower Upper
142 100
127 56.1 41.5 62.3
141 15.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 63.000 ug/l m
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

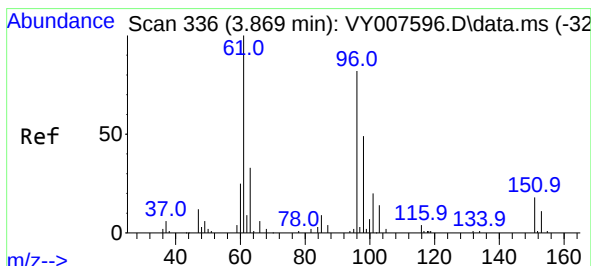
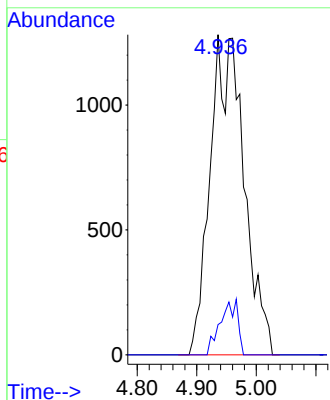
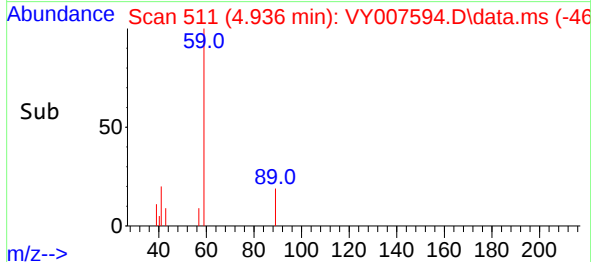
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



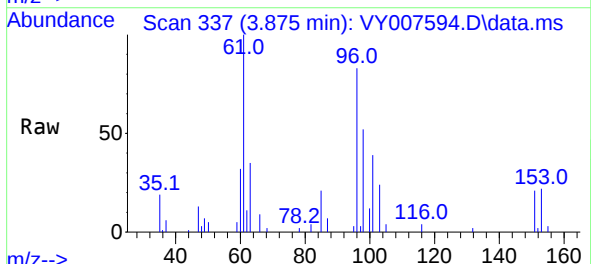
Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

Manual Integrations
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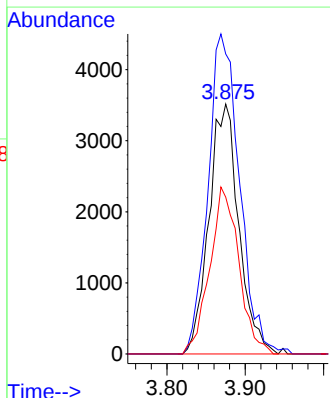
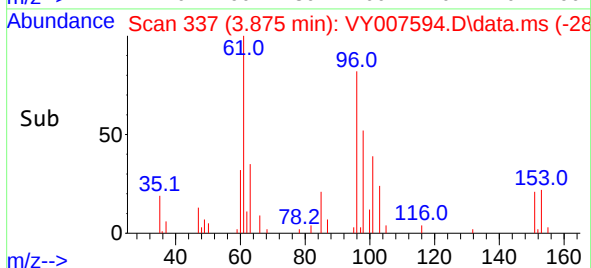
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

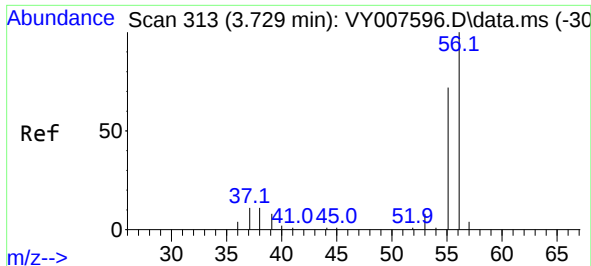


#12
1,1-Dichloroethene
Concen: 10.329 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



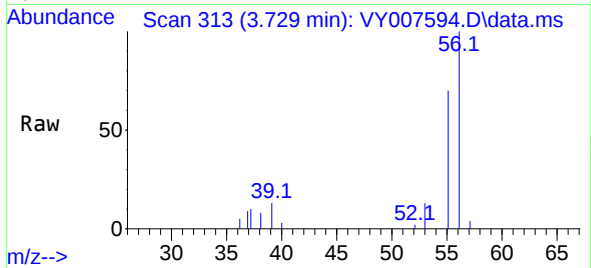
Tgt Ion: 96 Resp: 9321
Ion Ratio Lower Upper
96 100
61 120.1 145.8 218.6#
98 62.7 52.5 78.7





#13
Acrolein
Concen: 92.478 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

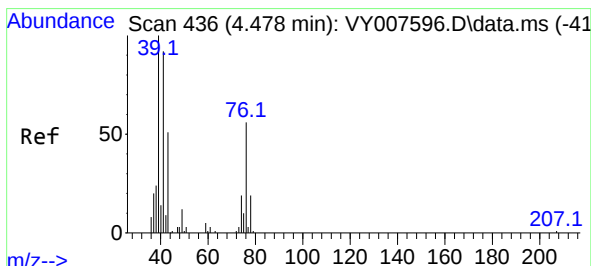
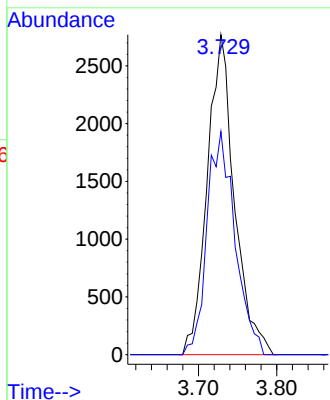
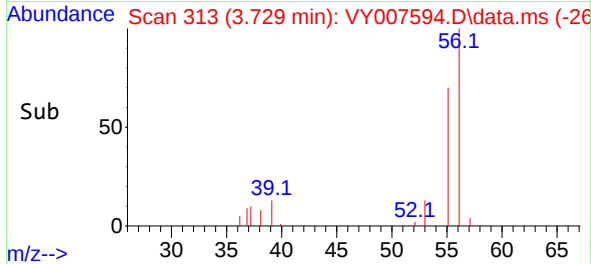
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



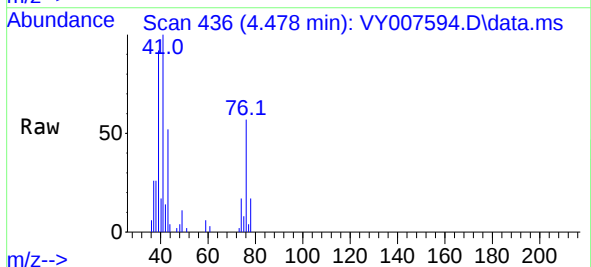
Tgt Ion: 56 Resp: 668
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4

Manual Integrations
APPROVED

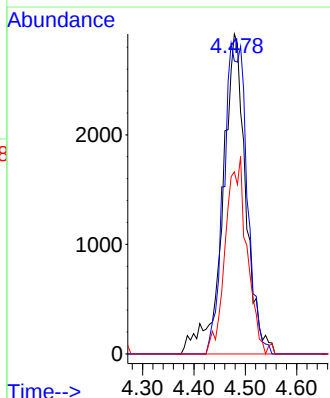
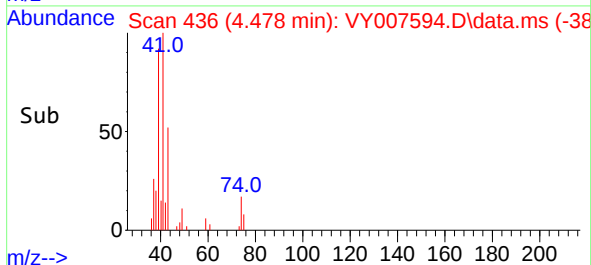
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

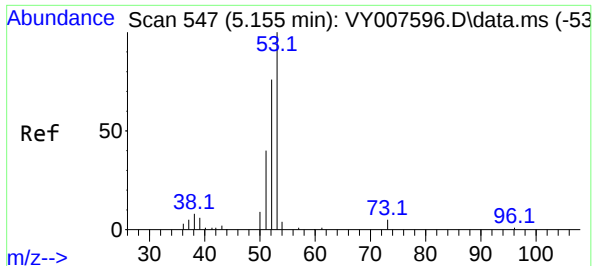


#14
Allyl chloride
Concen: 9.989 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 41 Resp: 9114
Ion Ratio Lower Upper
41 100
39 98.7 58.8 88.2#
76 56.9 25.1 37.7#





#15

Acrylonitrile

Concen: 57.492 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

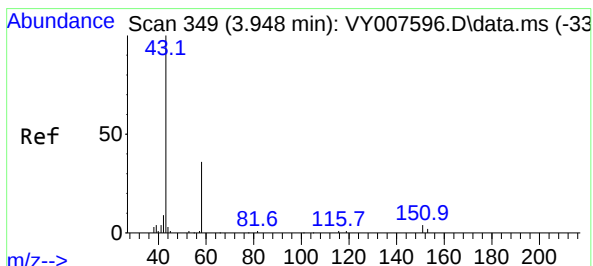
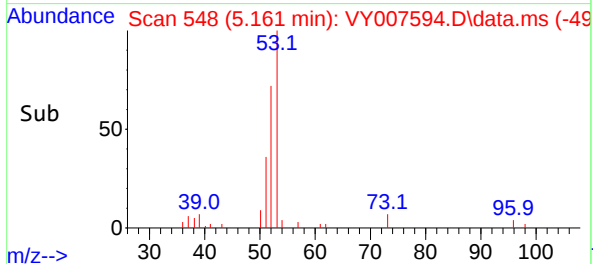
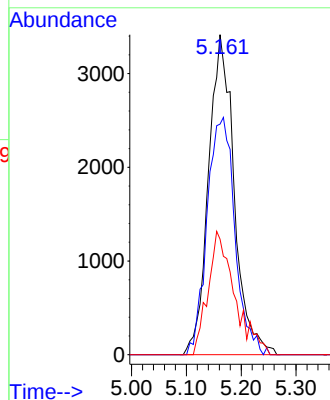
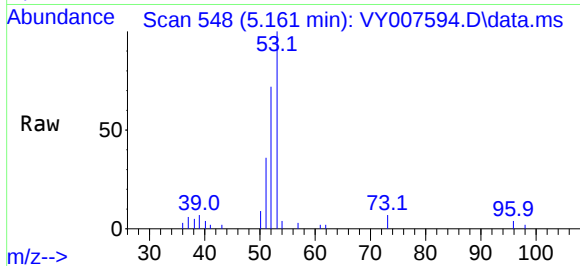
Tgt Ion: 53	Resp: 11070
Ion Ratio	Lower Upper
53 100	
52 80.1	67.0 100.4
51 40.1	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#16

Acetone

Concen: 53.083 ug/l

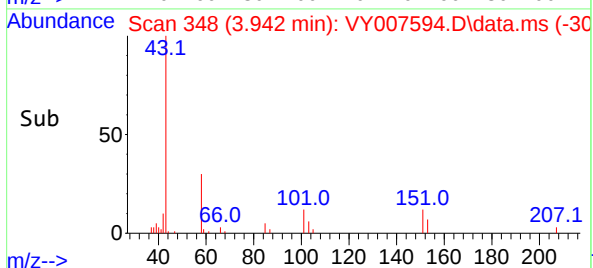
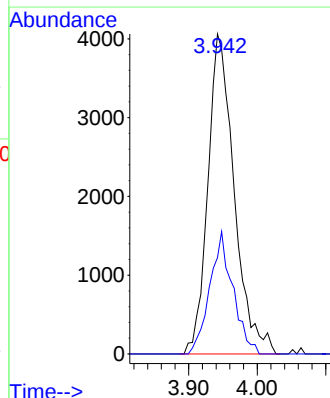
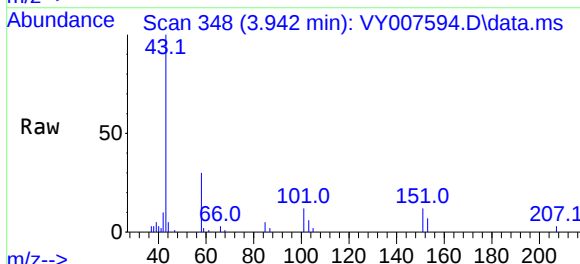
RT: 3.942 min Scan# 348

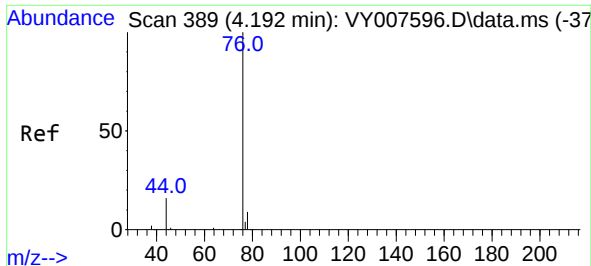
Delta R.T. -0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

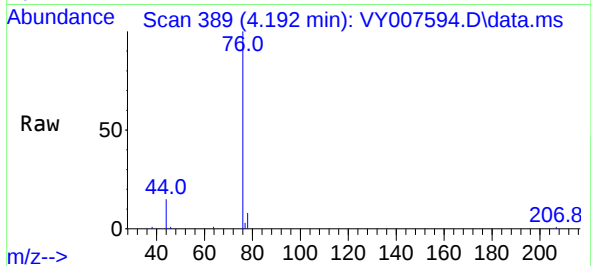
Tgt Ion: 43	Resp: 10843
Ion Ratio	Lower Upper
43 100	
58 30.1	22.0 33.0





#17
Carbon Disulfide
Concen: 10.036 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

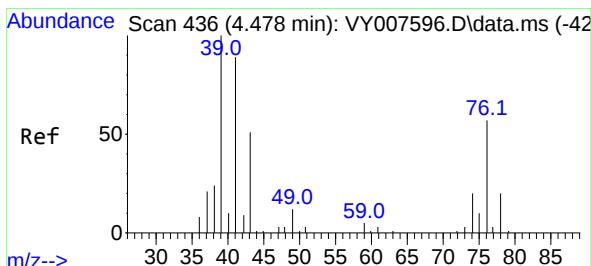
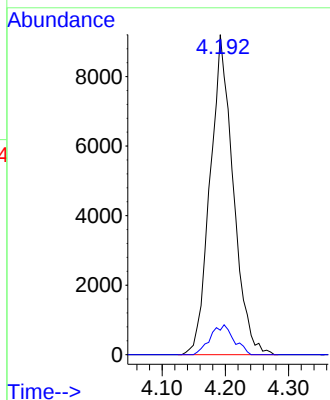
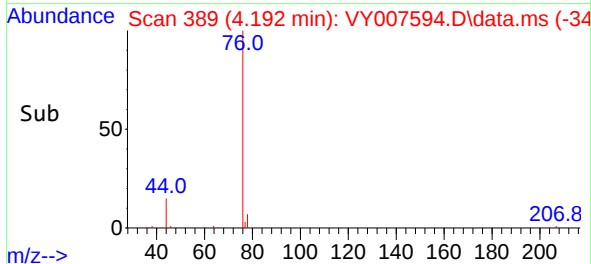
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



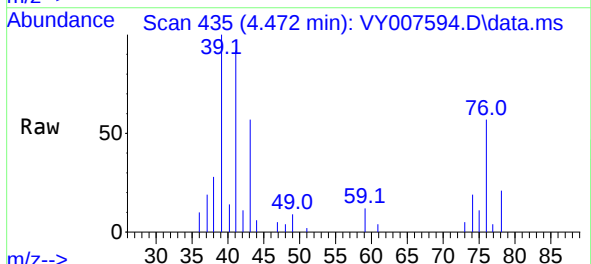
Tgt Ion: 76 Resp: 2333
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

Manual Integrations
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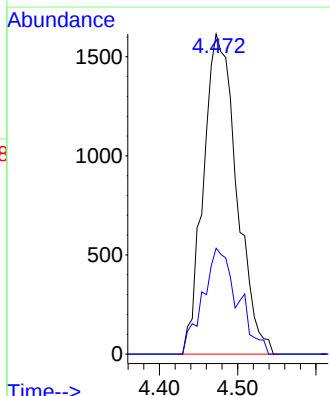
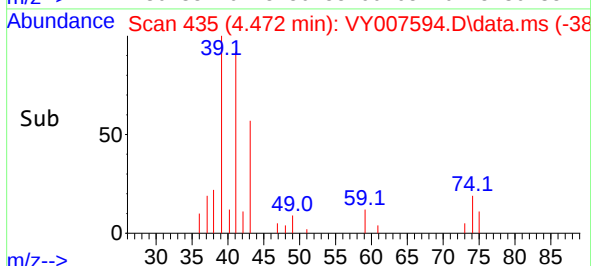
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

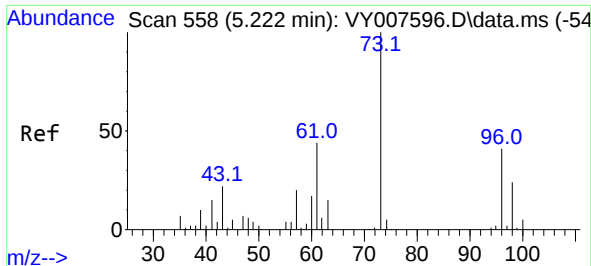


#18
Methyl Acetate
Concen: 10.640 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
74 34.5 16.6 24.8#





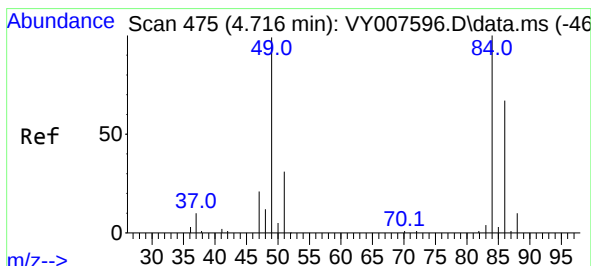
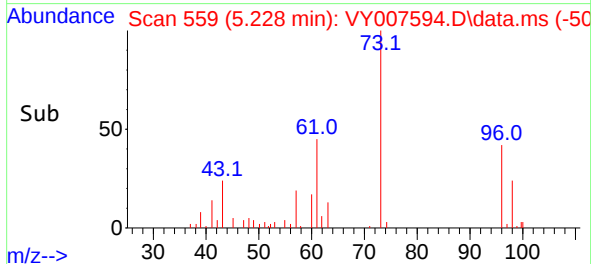
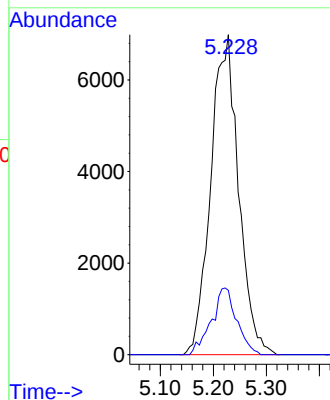
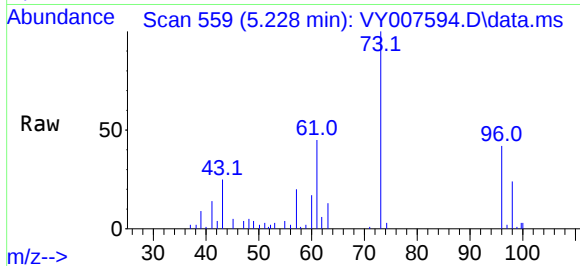
#19
Methyl tert-butyl Ether
Concen: 10.422 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 2536
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8

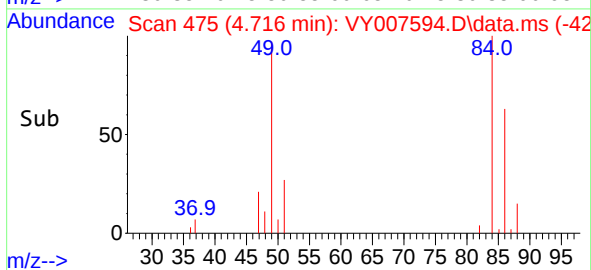
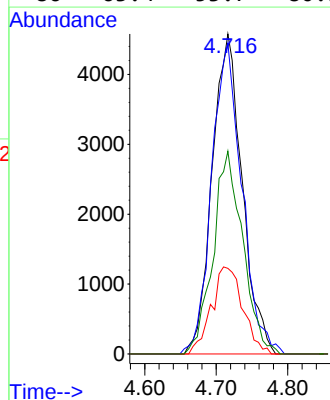
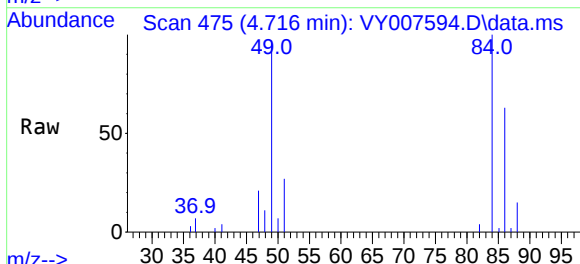
Manual Integrations
APPROVED

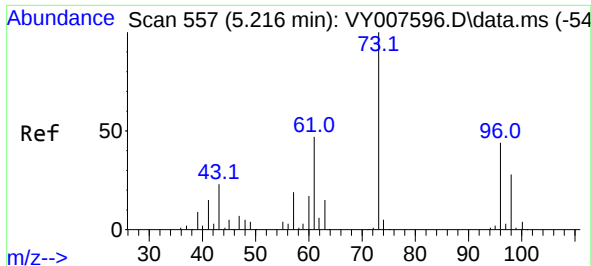
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#20
Methylene Chloride
Concen: 13.007 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

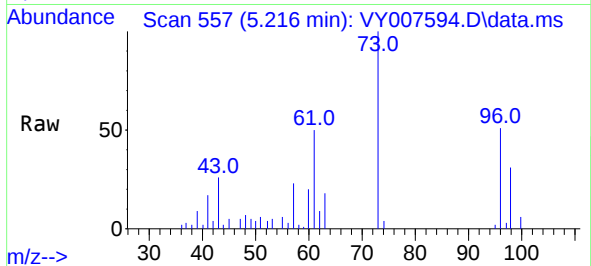
Tgt Ion: 84 Resp: 13319
Ion Ratio Lower Upper
84 100
49 97.1 114.4 171.6#
51 26.8 35.3 52.9#
86 63.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 10.690 ug/l
RT: 5.216 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

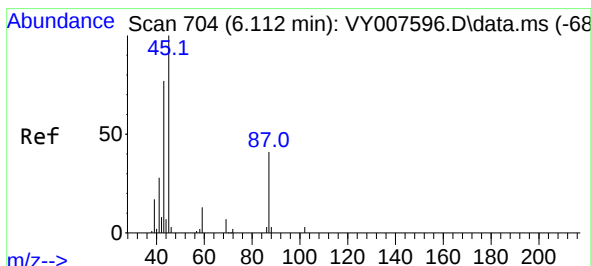
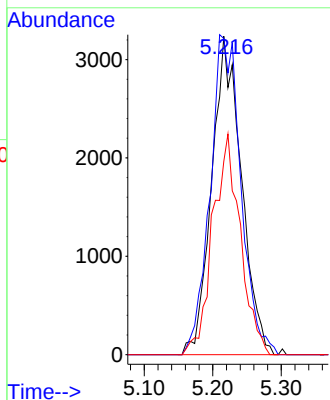
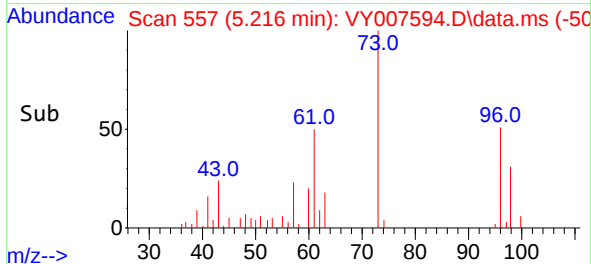
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



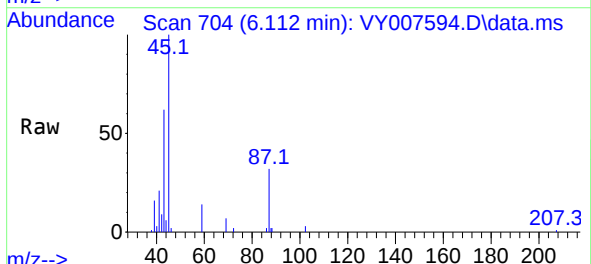
Tgt Ion: 96 Resp: 9714
Ion Ratio Lower Upper
96 100
61 99.3 120.5 180.7
98 60.7 49.8 74.8

Manual Integrations
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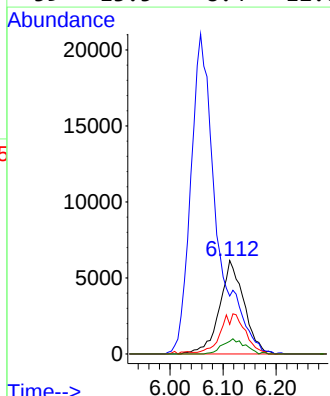
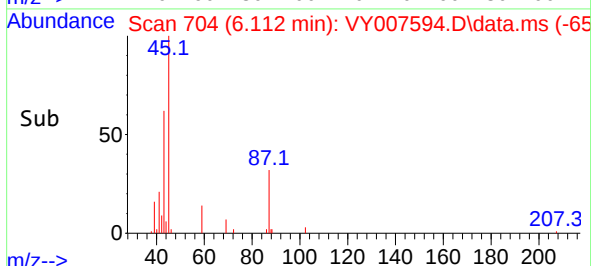
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

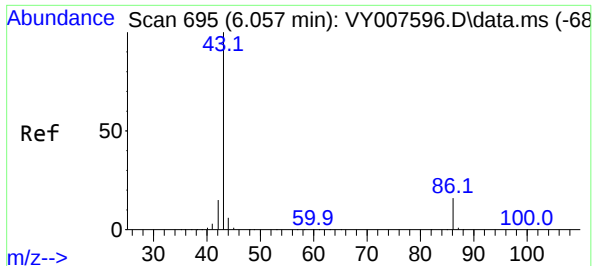


#22
Diisopropyl ether
Concen: 10.650 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 45 Resp: 19608
Ion Ratio Lower Upper
45 100
43 60.9 49.3 73.9
87 31.7 19.2 28.8#
59 13.5 8.4 12.6#





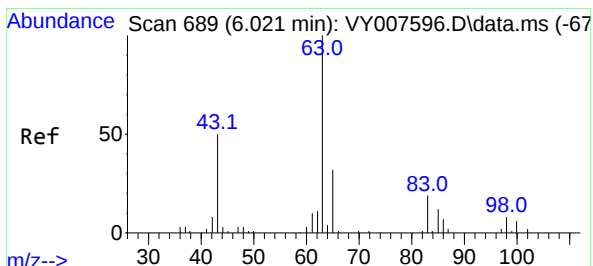
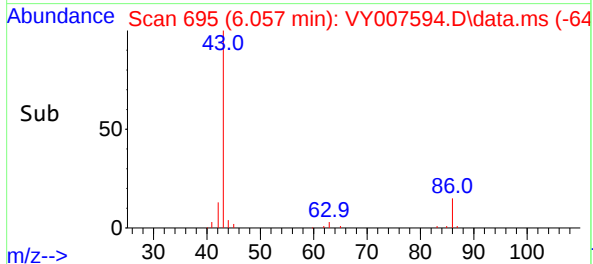
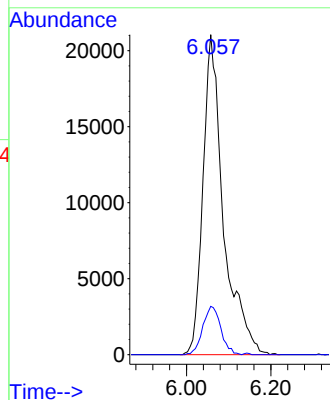
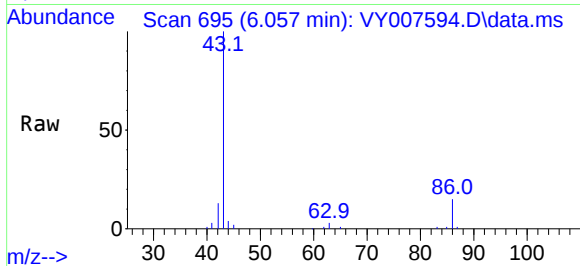
#23
 Vinyl Acetate
 Concen: 56.293 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 7109
 Ion Ratio Lower Upper
 43 100
 86 15.1 7.1 10.7

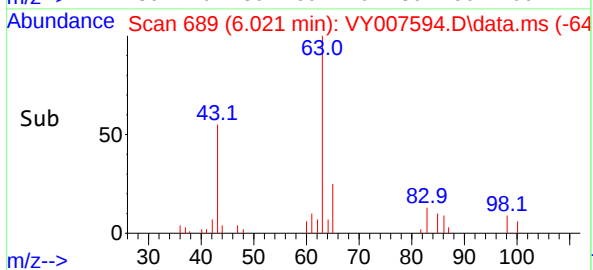
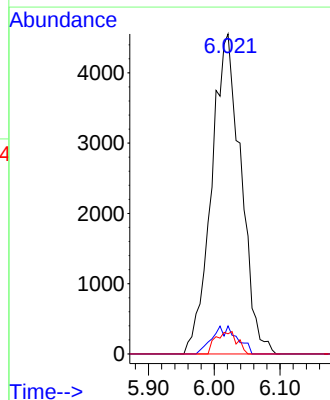
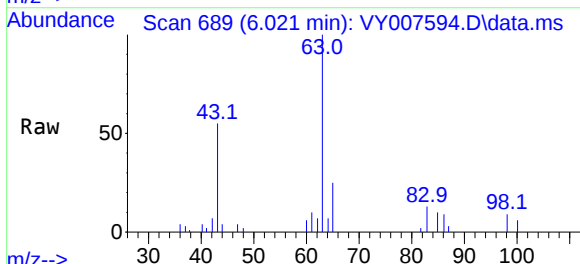
Manual Integrations
 APPROVED

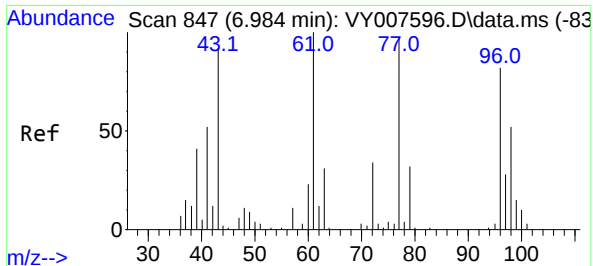
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 10.145 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

Tgt Ion: 63 Resp: 14210
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 6.3 2.0 5.8





#25

2-Butanone

Concen: 57.346 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 12980

Ion Ratio Lower Upper

43 100

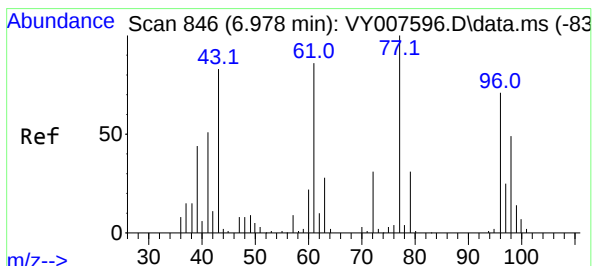
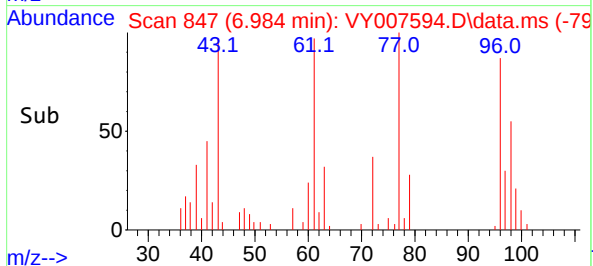
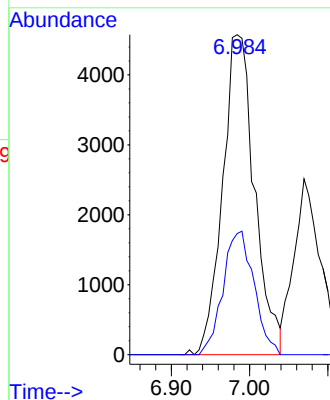
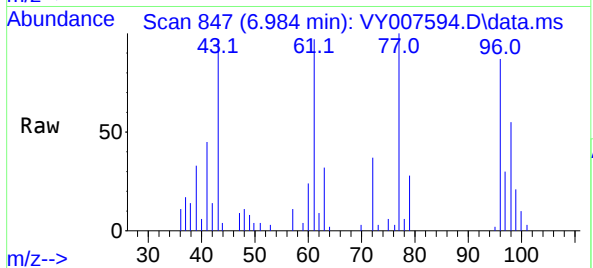
72 37.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#26

2,2-Dichloropropane

Concen: 10.007 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY007594.D

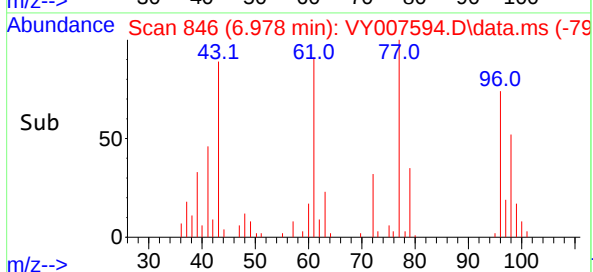
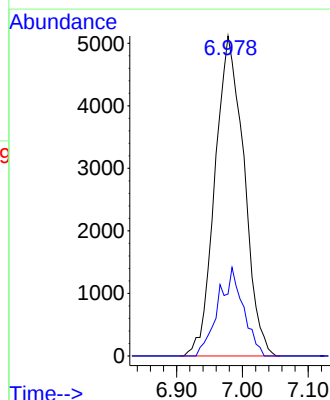
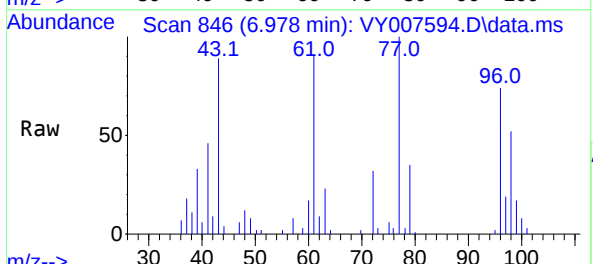
Acq: 23 Feb 2022 12:58

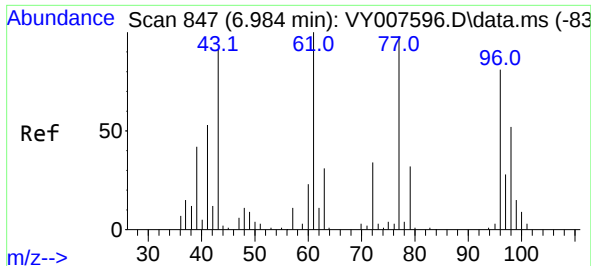
Tgt Ion: 77 Resp: 15670

Ion Ratio Lower Upper

77 100

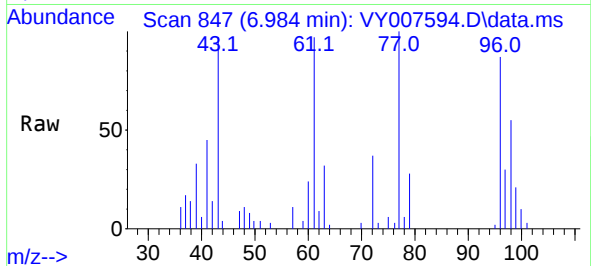
97 23.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 10.775 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

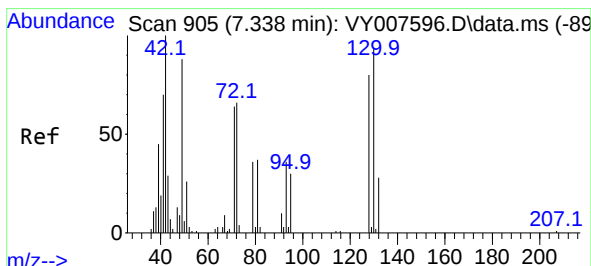
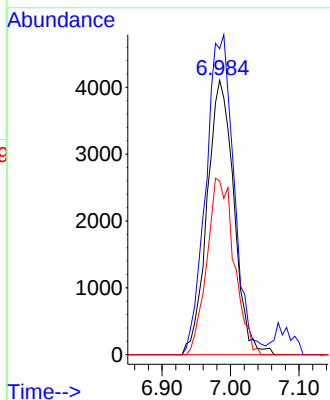
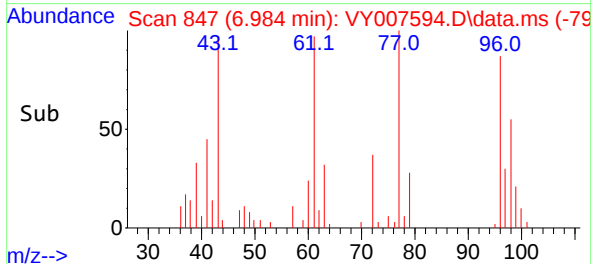
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



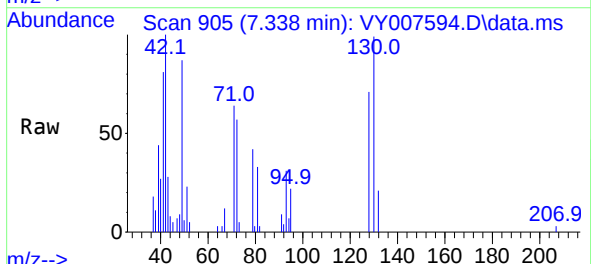
Tgt Ion: 96 Resp: 11124
Ion Ratio Lower Upper
96 100
61 122.9 0.0 319.8
98 65.6 0.0 127.0

Manual Integrations
APPROVED

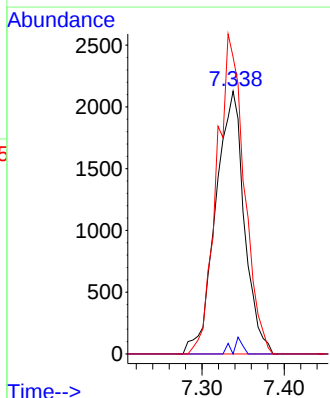
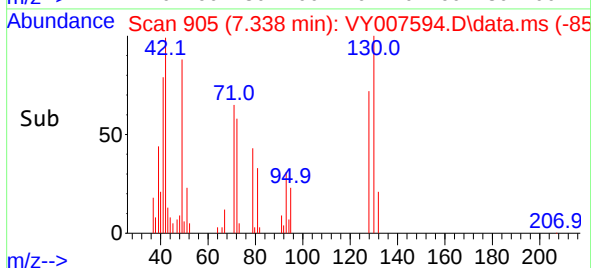
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

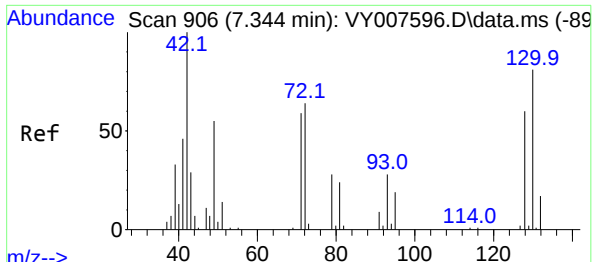


#28
Bromochloromethane
Concen: 11.121 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 49 Resp: 5152
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.2
130 116.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 59.498 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 781

Ion Ratio Lower Upper

42 100

72 65.3 30.3 45.5

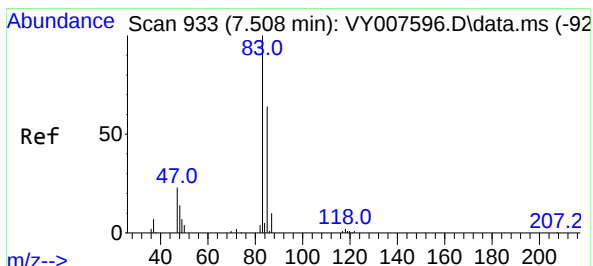
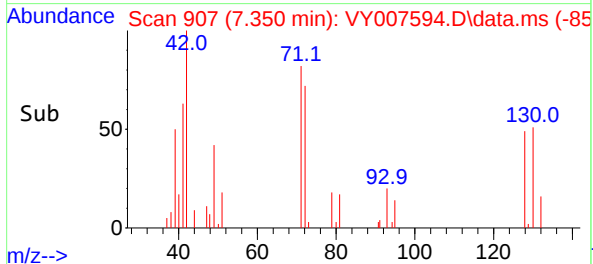
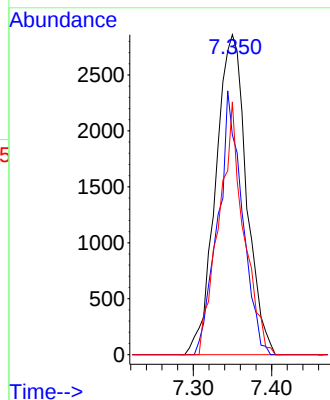
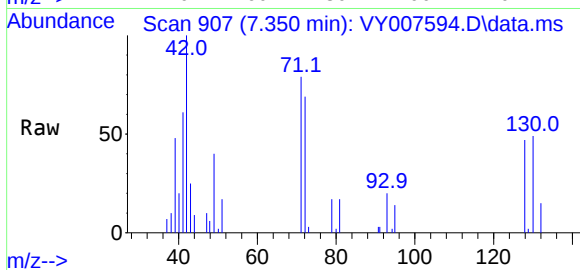
71 63.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#30

Chloroform

Concen: 10.655 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007594.D

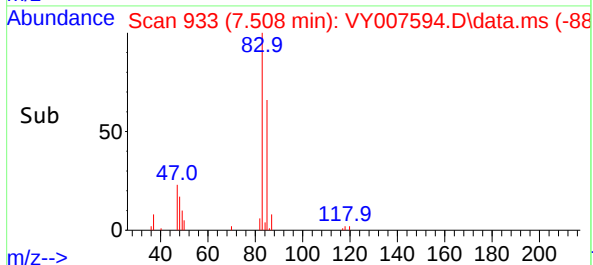
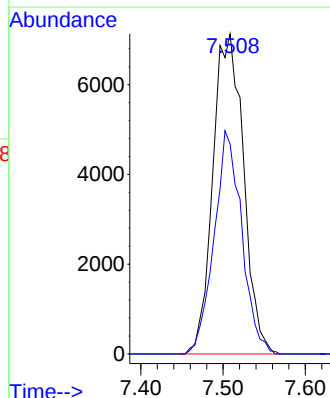
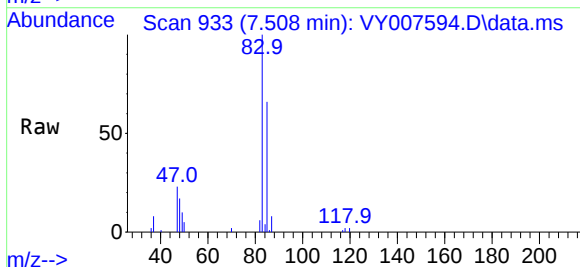
Acq: 23 Feb 2022 12:58

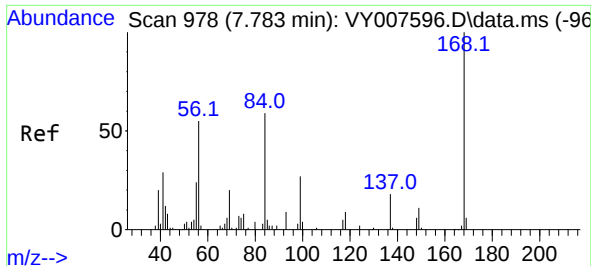
Tgt Ion: 83 Resp: 18441

Ion Ratio Lower Upper

83 100

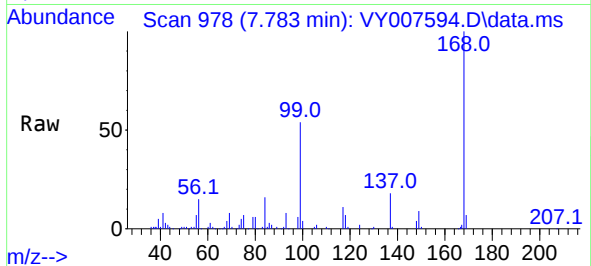
85 65.5 51.8 77.6





#31
Cyclohexane
Concen: 10.417 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

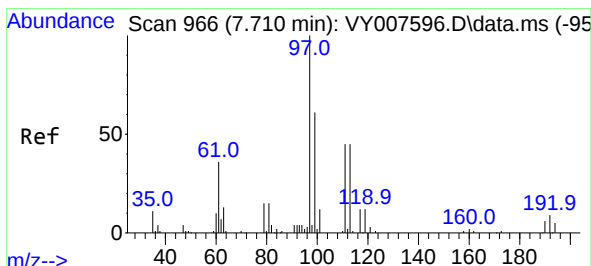
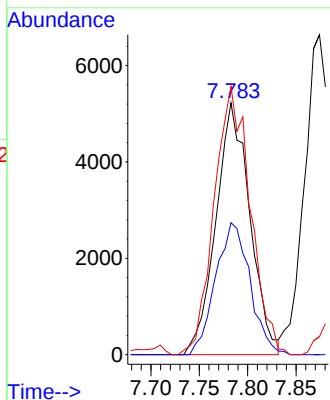
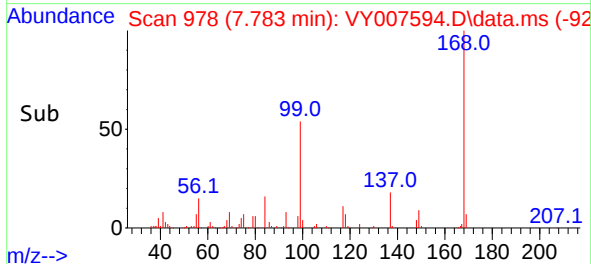
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



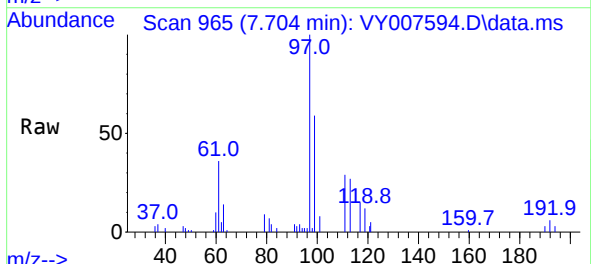
Tgt Ion: 56 Resp: 1277
Ion Ratio Lower Upper
56 100
69 52.4 26.7 40.1
84 106.4 67.2 100.8

Manual Integrations
APPROVED

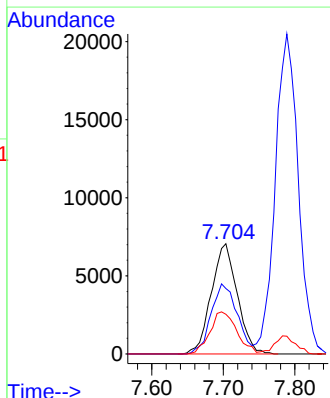
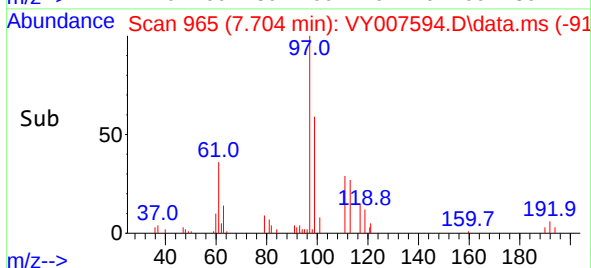
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

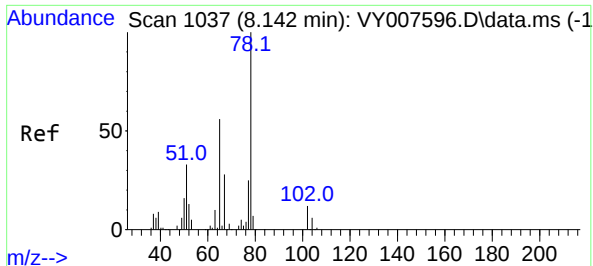


#32
1,1,1-Trichloroethane
Concen: 10.103 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 97 Resp: 17763
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 39.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 9.636 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 833

Ion Ratio Lower Upper

65 100

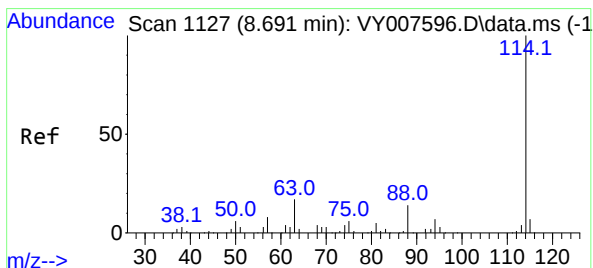
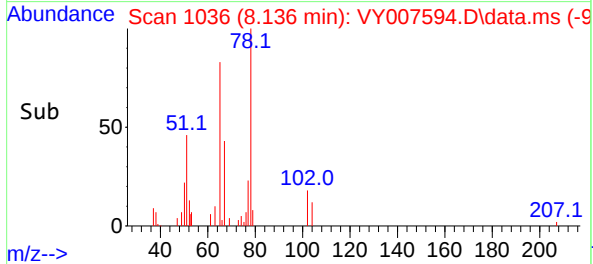
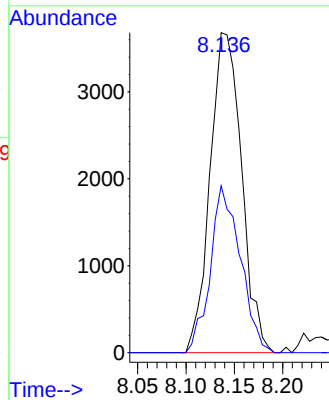
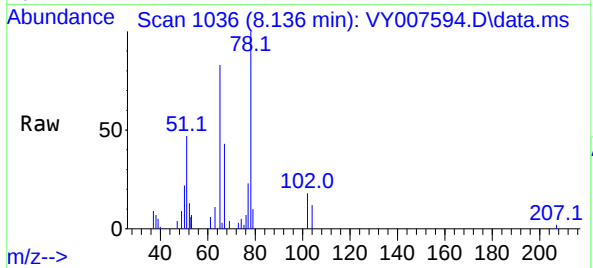
67 49.6 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

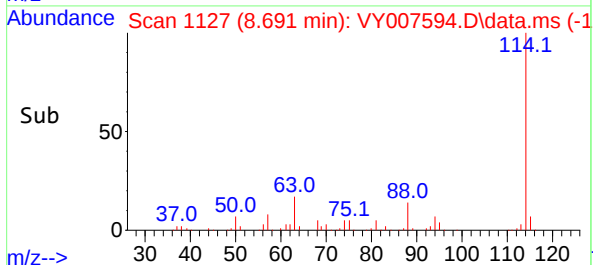
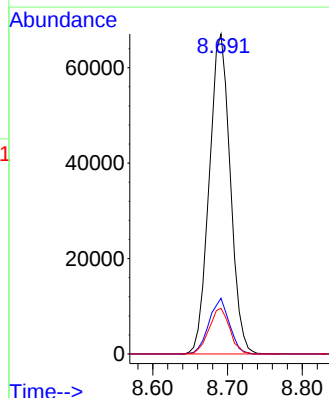
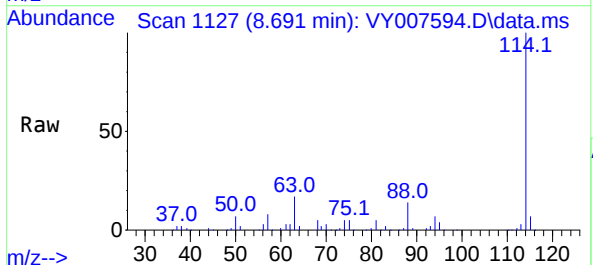
Tgt Ion:114 Resp: 130769

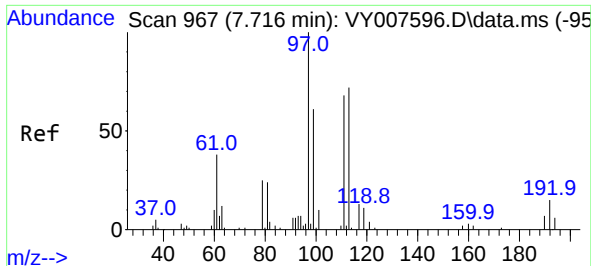
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.2 0.0 31.8





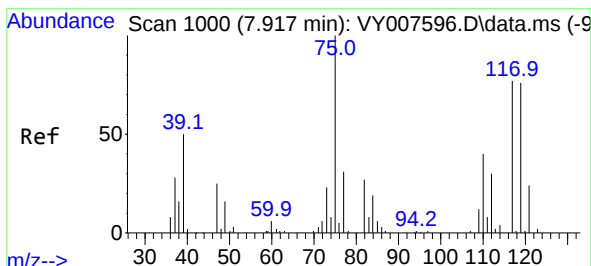
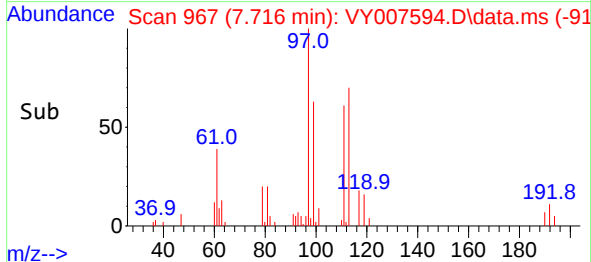
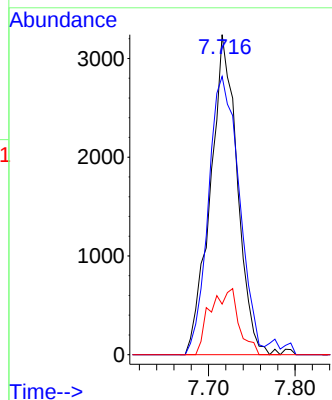
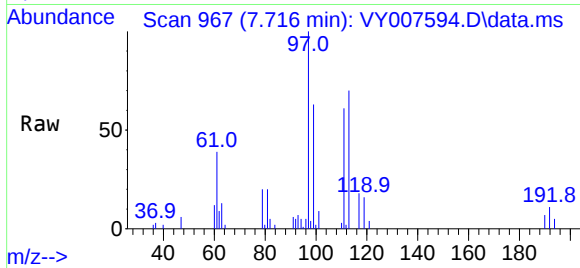
#35
Dibromofluoromethane
Concen: 8.593 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:113 Resp: 7010
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 21.9 17.6 26.4

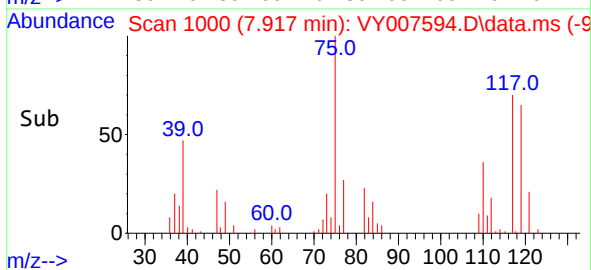
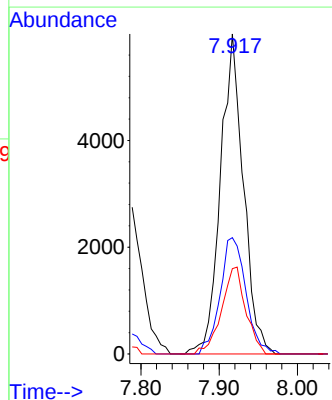
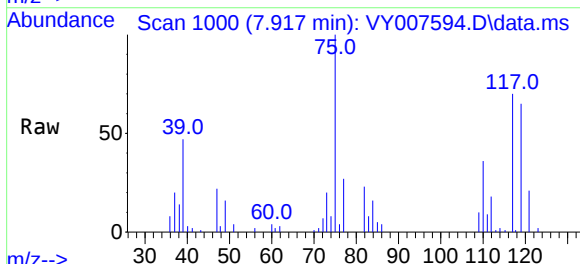
Manual Integrations
APPROVED

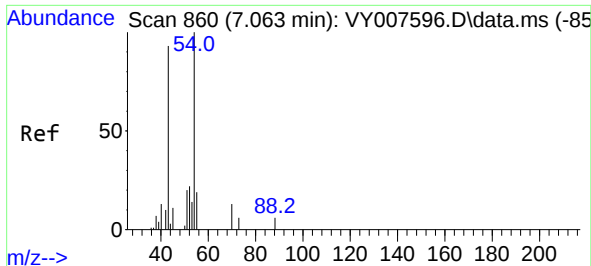
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#36
1,1-Dichloropropene
Concen: 9.983 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

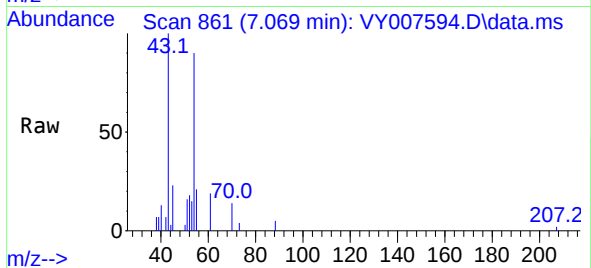
Tgt Ion: 75 Resp: 12197
Ion Ratio Lower Upper
75 100
110 41.0 17.1 51.2
77 28.6 24.4 36.6





#37
Ethyl Acetate
Concen: 12.422 ug/l
RT: 7.069 min Scan# 860
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

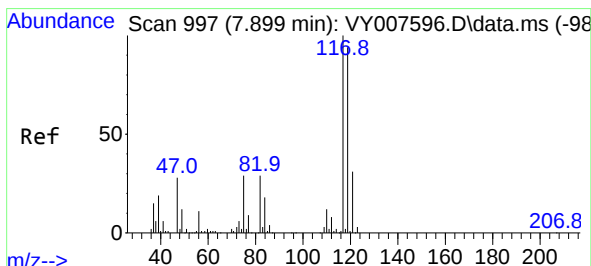
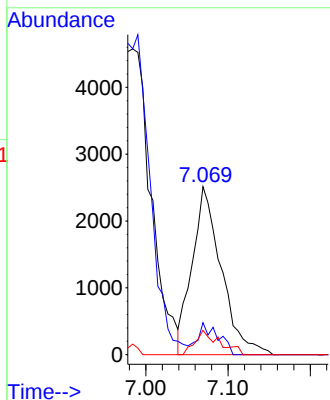
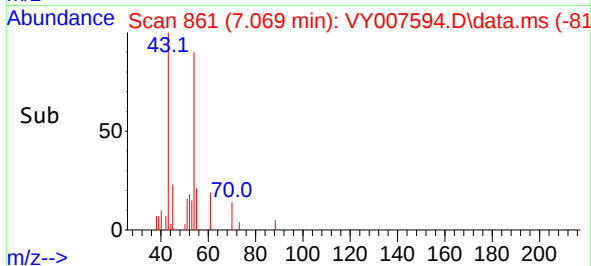
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



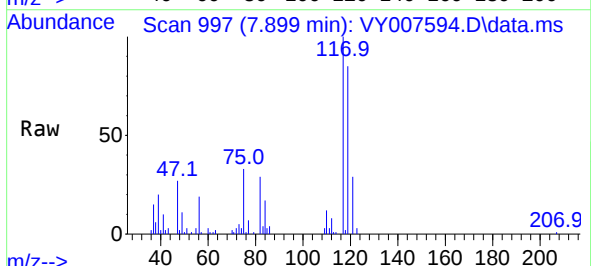
Tgt Ion: 43 Resp: 6190
Ion Ratio Lower Upper
43 100
61 13.3 9.7 14.5
70 12.0 7.1 10.7

Manual Integrations
APPROVED

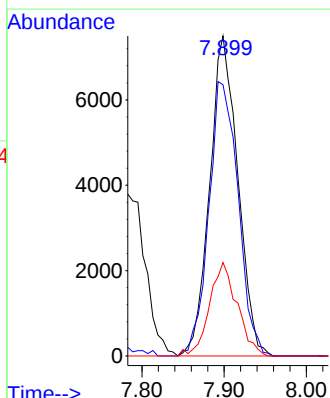
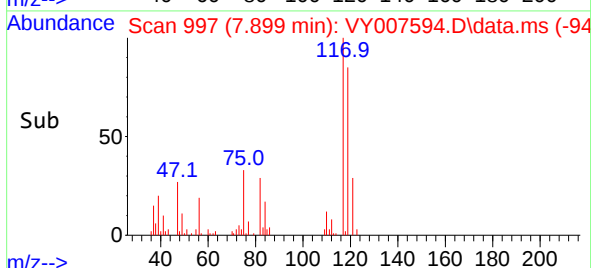
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

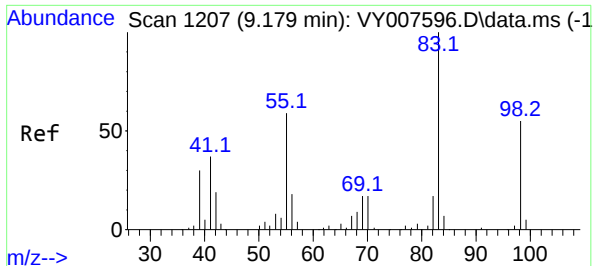


#38
Carbon Tetrachloride
Concen: 10.584 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion:117 Resp: 17868
Ion Ratio Lower Upper
117 100
119 84.7 77.9 116.9
121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 10.400 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 16089

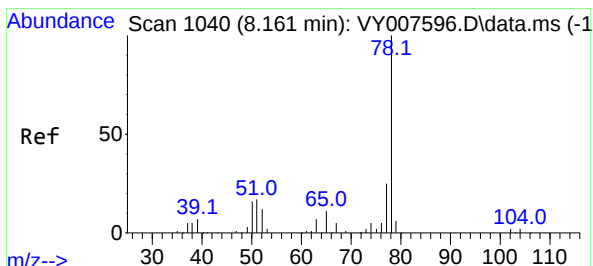
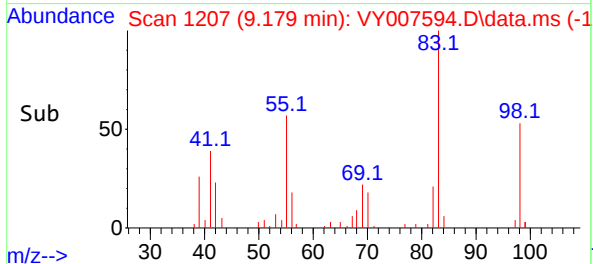
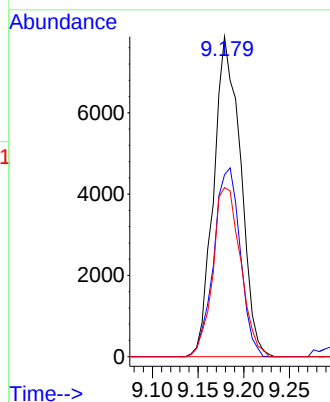
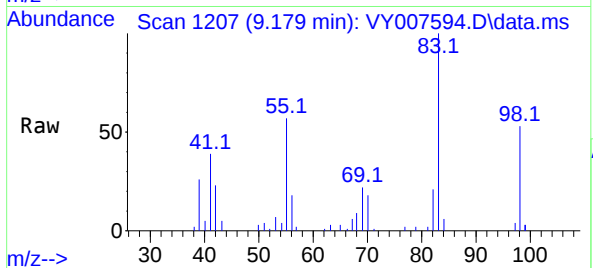
Ion	Ratio	Lower	Upper
83	100		
55	56.9	66.5	99.7
98	52.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Benzene

Concen: 10.576 ug/l

RT: 8.161 min Scan# 1040

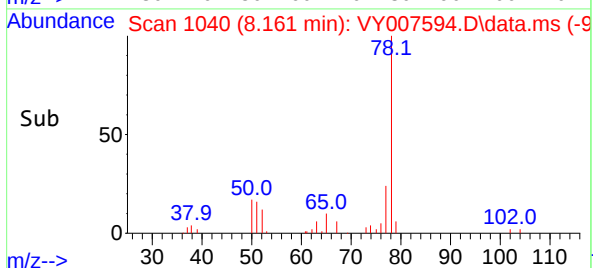
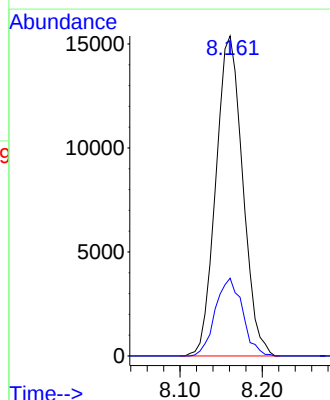
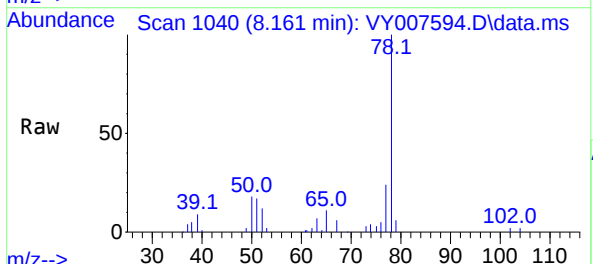
Delta R.T. 0.000 min

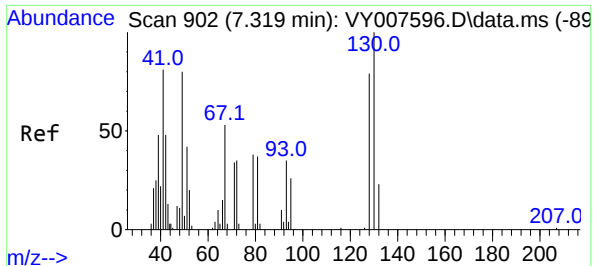
Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Tgt Ion: 78 Resp: 34967

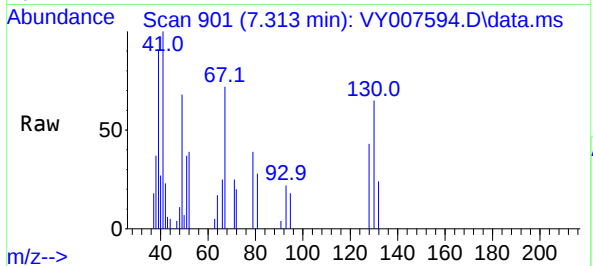
Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.4	30.6





#41
Methacrylonitrile
Concen: 12.440 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

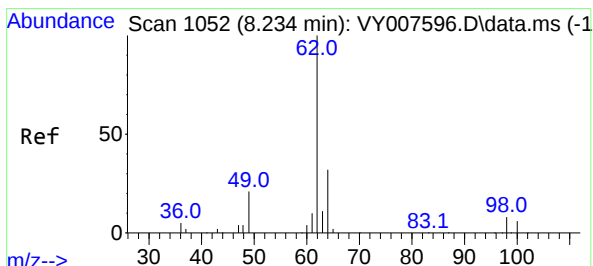
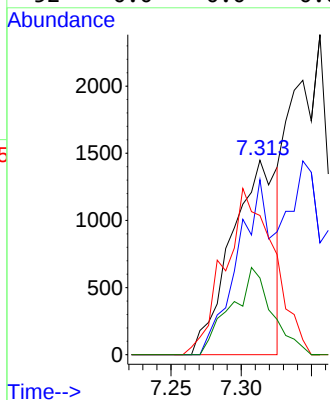
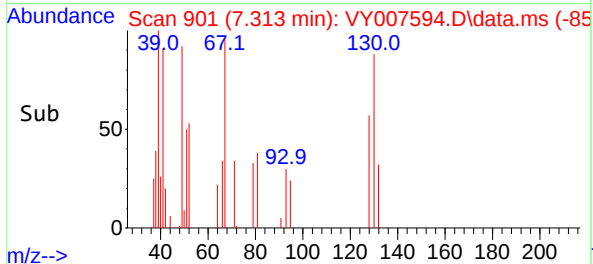
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



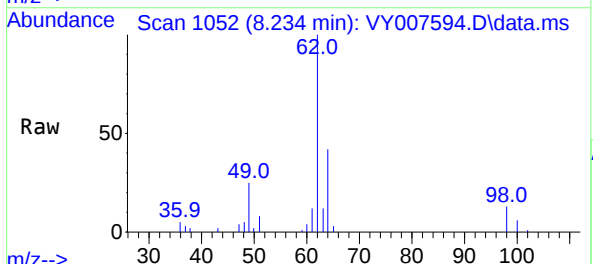
Tgt Ion: 41 Resp: 3284
Ion Ratio Lower Upper
41 100
39 91.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

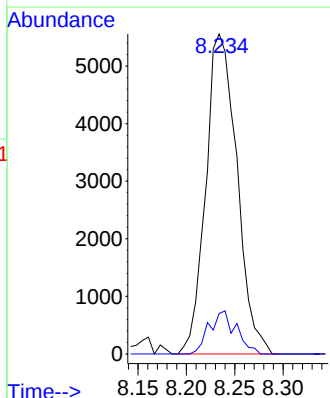
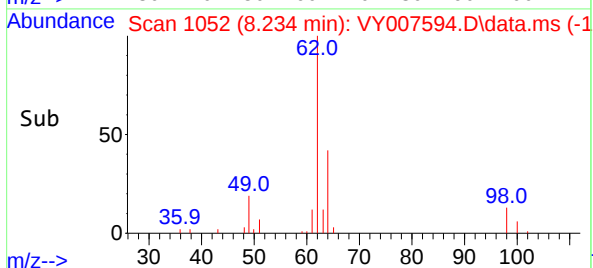
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

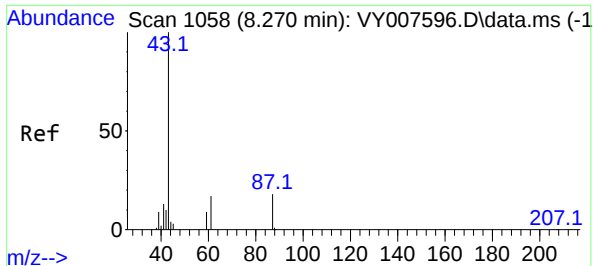


#42
1,2-Dichloroethane
Concen: 10.815 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



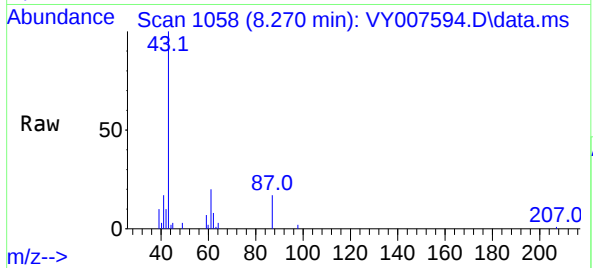
Tgt Ion: 62 Resp: 12458
Ion Ratio Lower Upper
62 100
98 11.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 11.442 ug/l
RT: 8.270 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

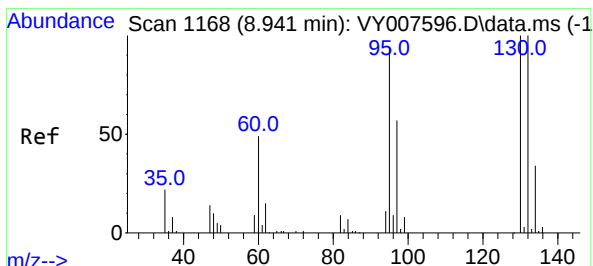
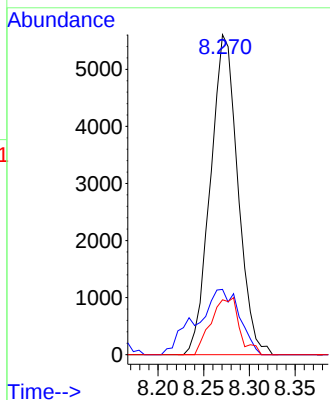
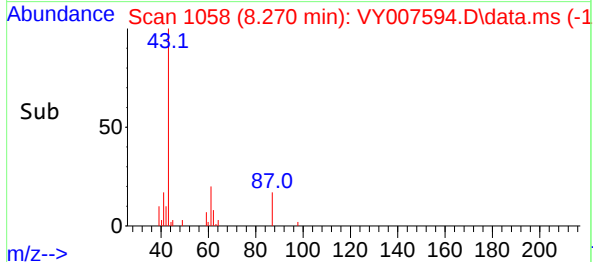
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 11690
Ion Ratio Lower Upper
43 100
61 24.9 20.2 30.2
87 18.3 8.9 13.3

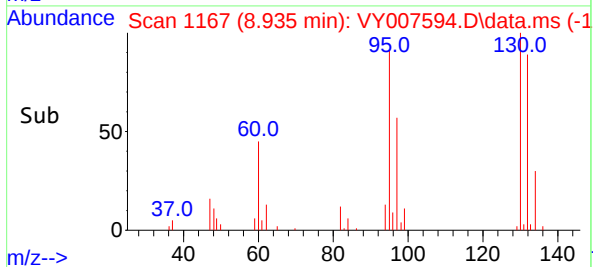
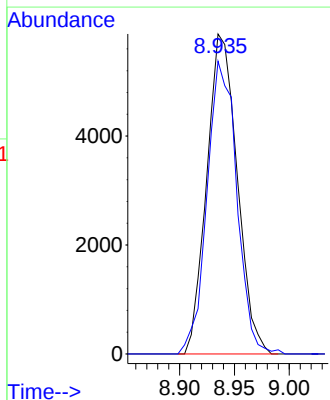
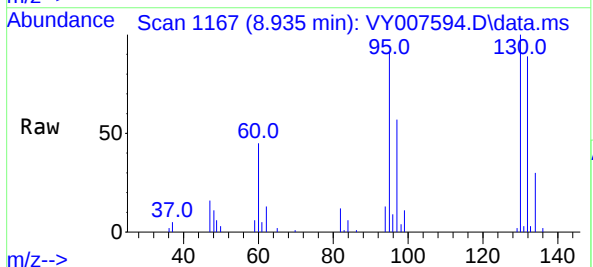
Manual Integrations
APPROVED

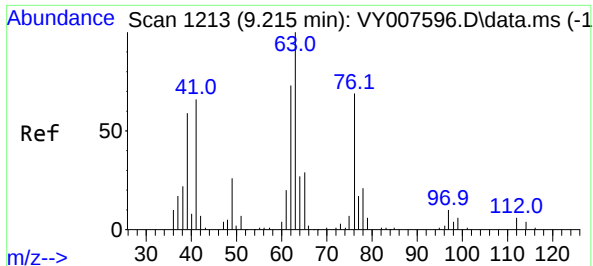
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#44
Trichloroethene
Concen: 10.229 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion:130 Resp: 11354
Ion Ratio Lower Upper
130 100
95 91.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.248 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 7498

Ion Ratio Lower Upper

63 100

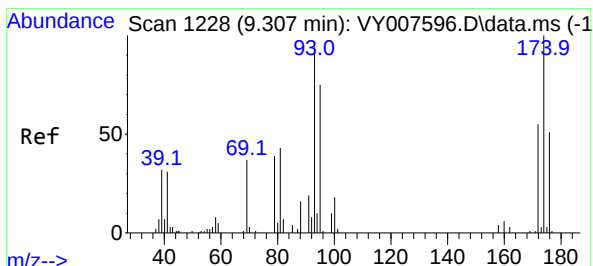
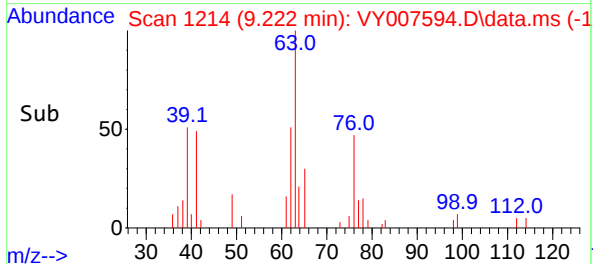
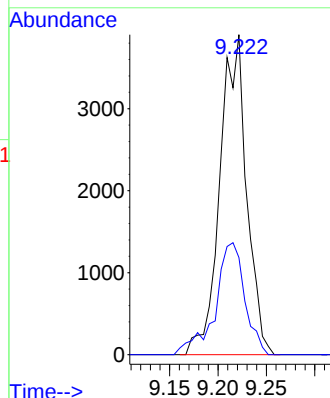
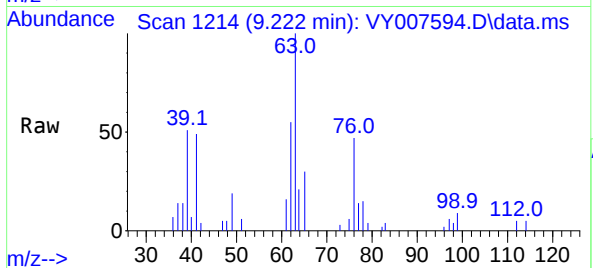
65 30.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 10.734 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

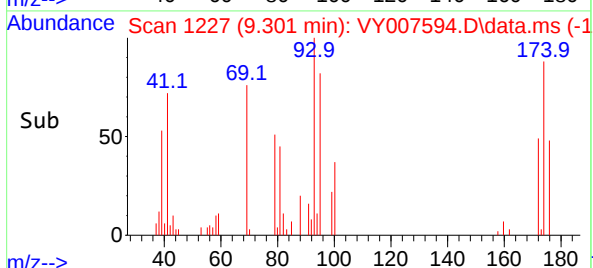
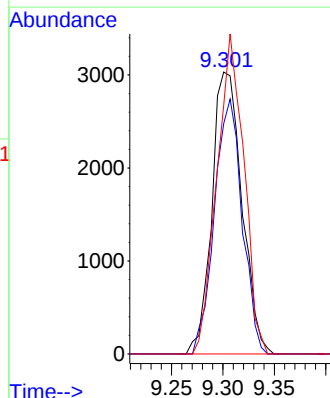
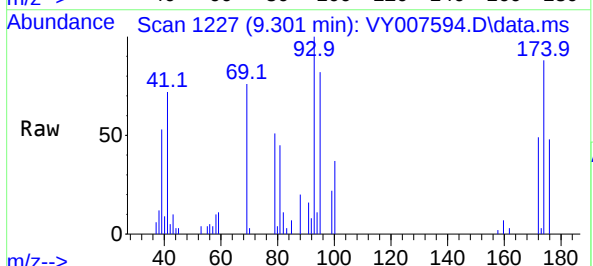
Tgt Ion: 93 Resp: 6144

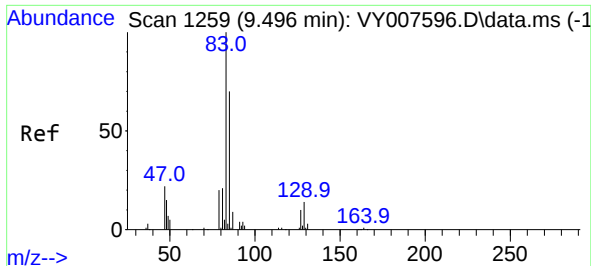
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 102.7 83.4 125.0





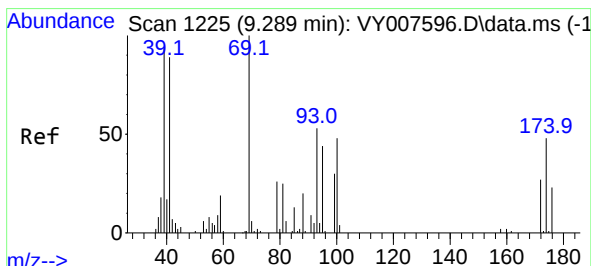
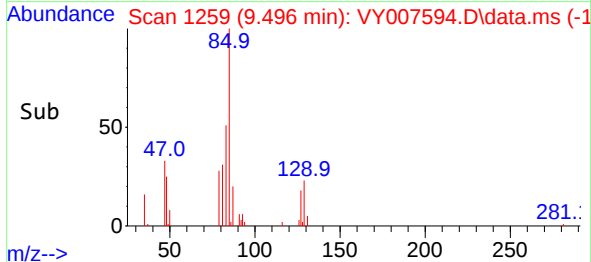
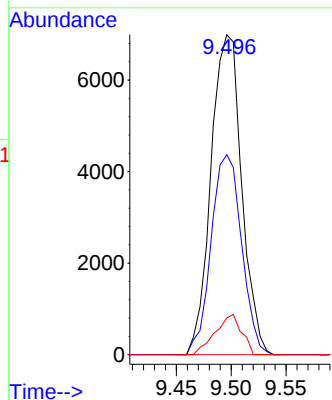
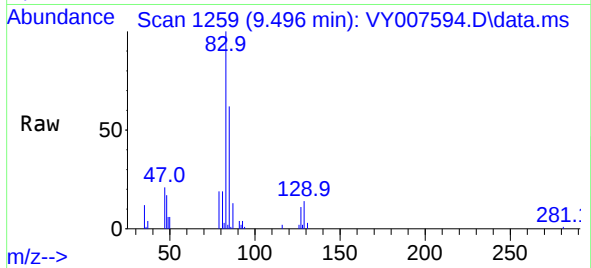
#47
Bromodichloromethane
Concen: 10.134 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 13614
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 11.5 6.6 10.0

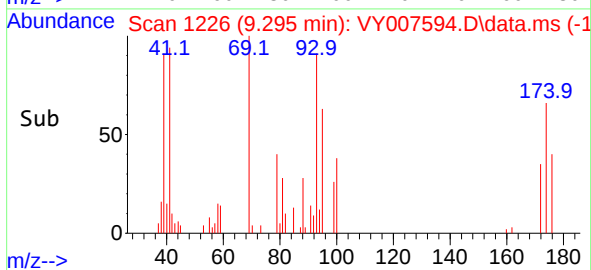
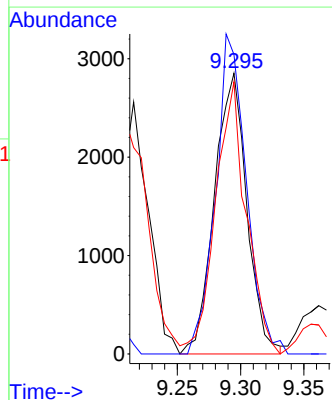
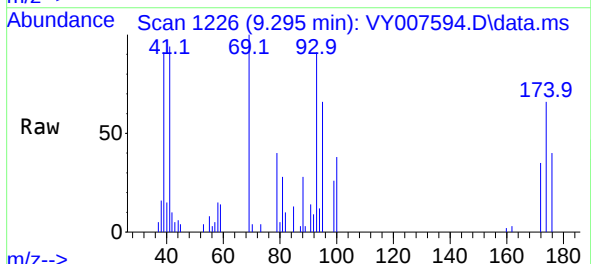
Manual Integrations
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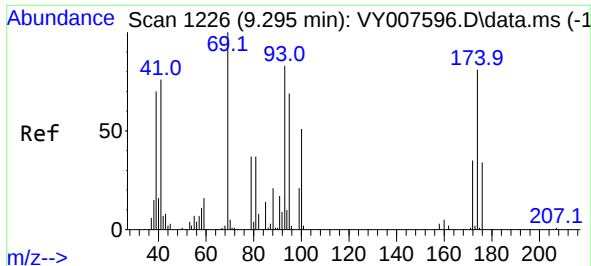
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Methyl methacrylate
Concen: 11.655 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion: 41 Resp: 5072
Ion Ratio Lower Upper
41 100
69 108.6 58.2 87.2#
39 92.5 47.4 71.0#





#49

1,4-Dioxane

Concen: 259.511 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 1700

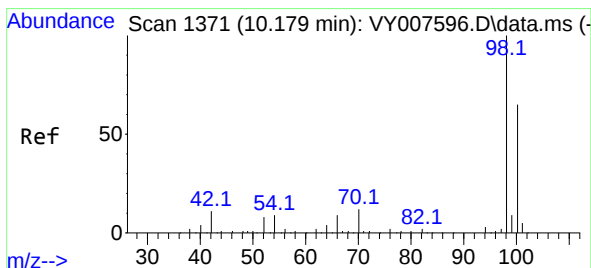
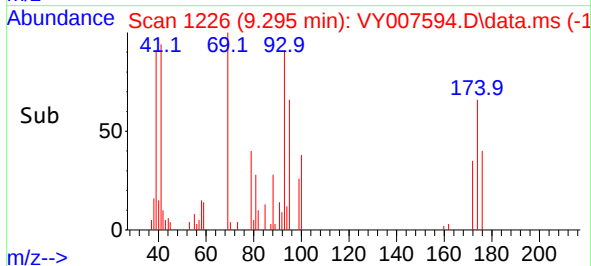
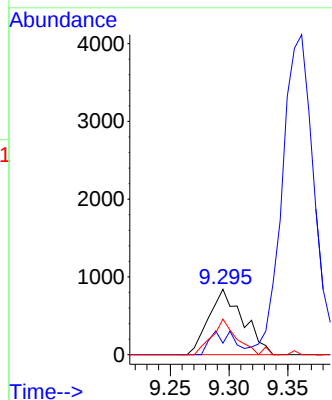
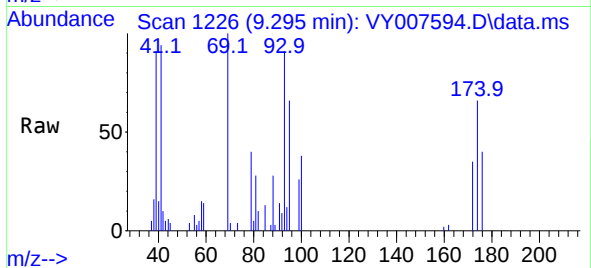
Ion	Ratio	Lower	Upper
88	100		
43	24.6	32.8	49.2
58	40.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

Toluene-d8

Concen: 8.122 ug/l

RT: 10.179 min Scan# 1371

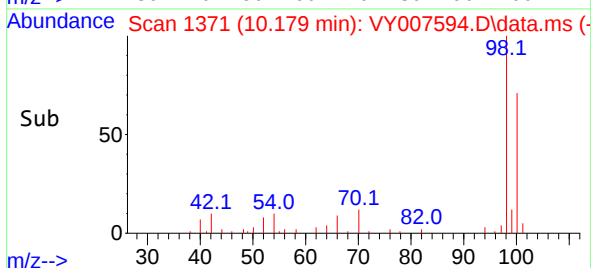
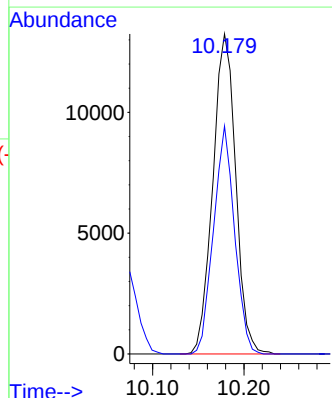
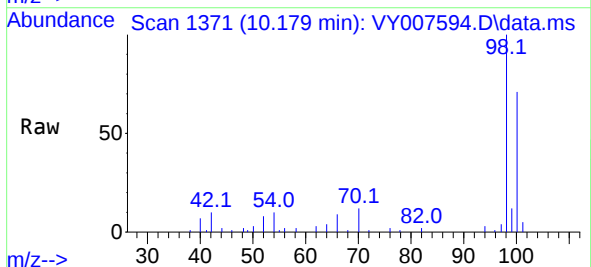
Delta R.T. 0.000 min

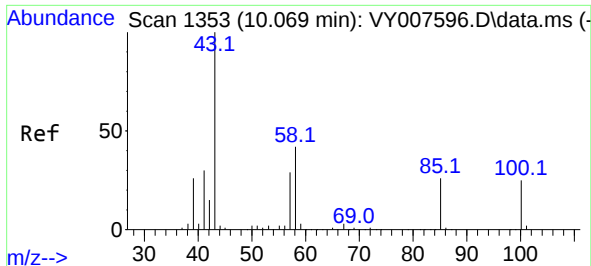
Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Tgt Ion: 98 Resp: 23054

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.2	75.2





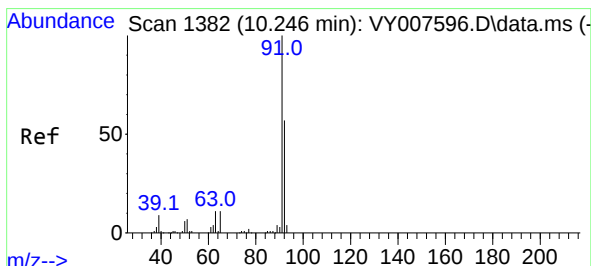
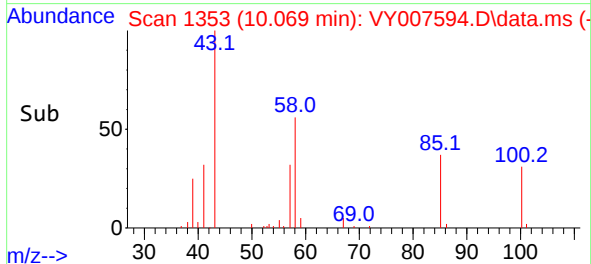
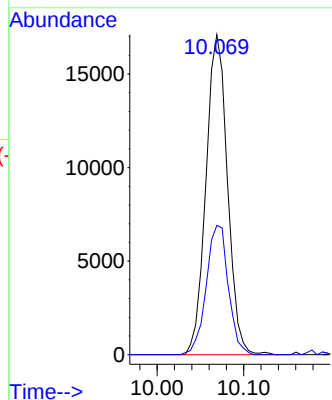
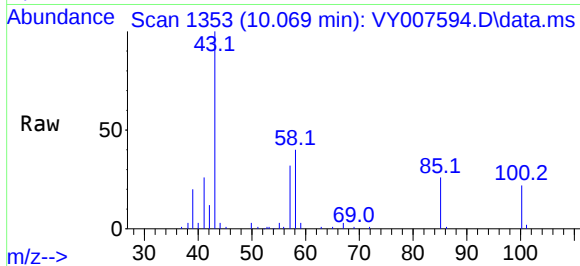
#51
4-Methyl-2-Pentanone
Concen: 57.967 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 29498
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1

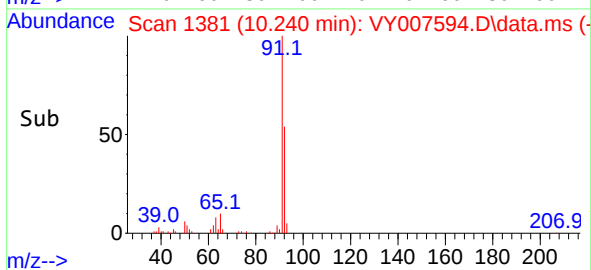
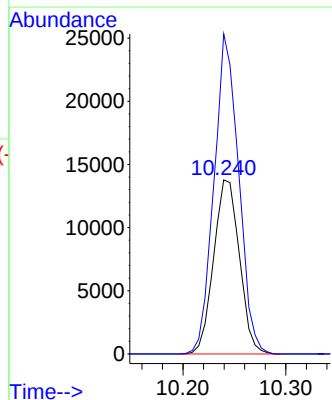
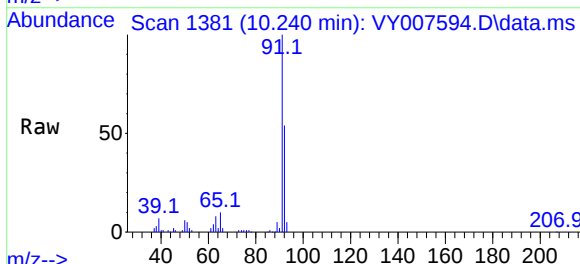
Manual Integrations
APPROVED

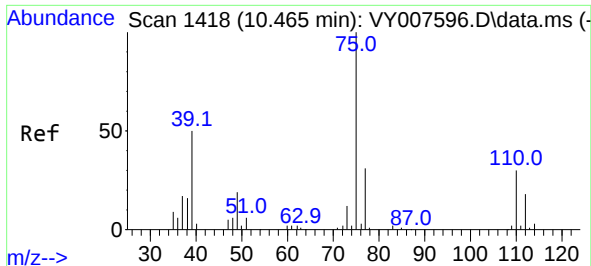
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 10.587 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

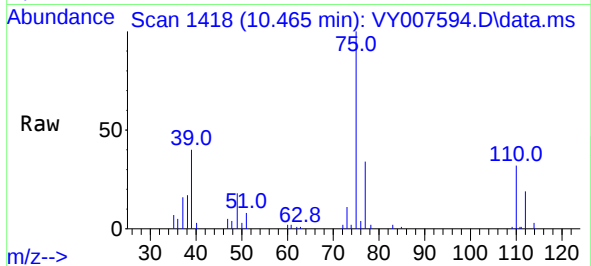
Tgt Ion: 92 Resp: 23974
Ion Ratio Lower Upper
92 100
91 176.2 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 10.388 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

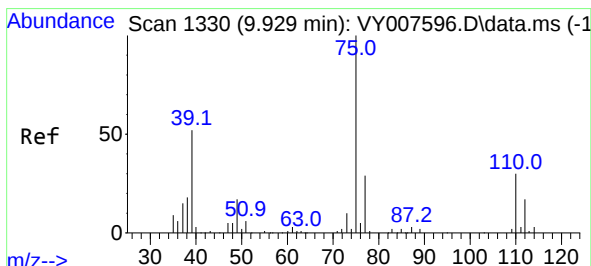
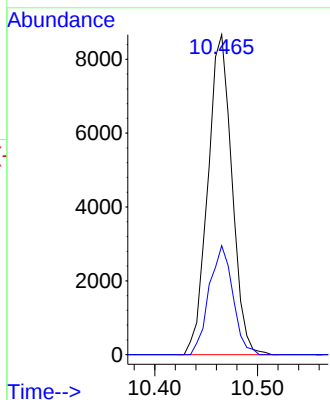
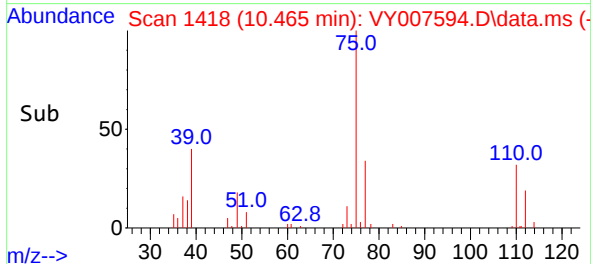
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 14079
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.2

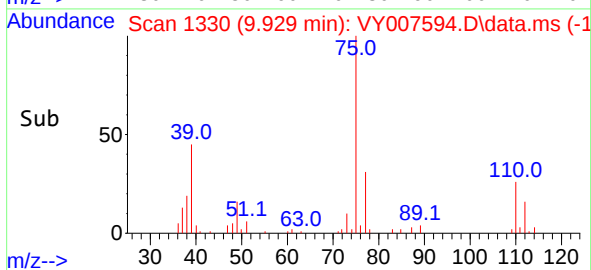
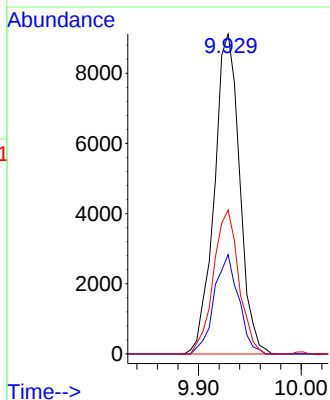
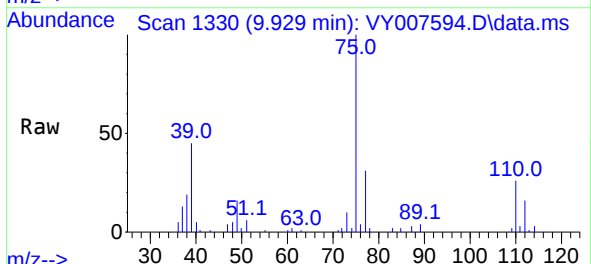
Manual Integrations
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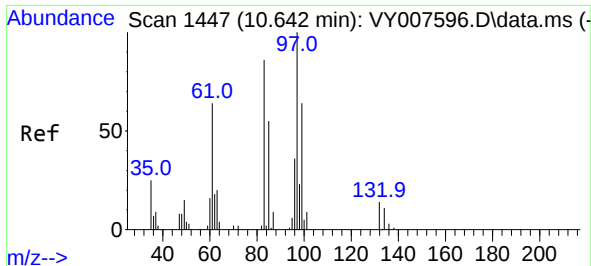
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#54
 cis-1,3-Dichloropropene
 Concen: 10.886 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

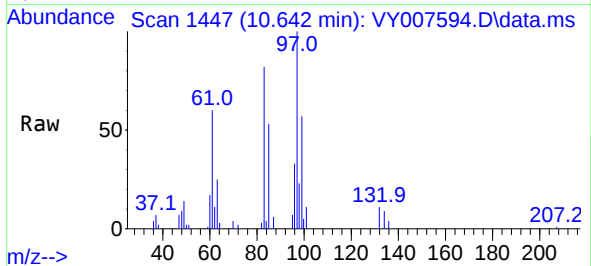
Tgt Ion: 75 Resp: 15588
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 44.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 11.768 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

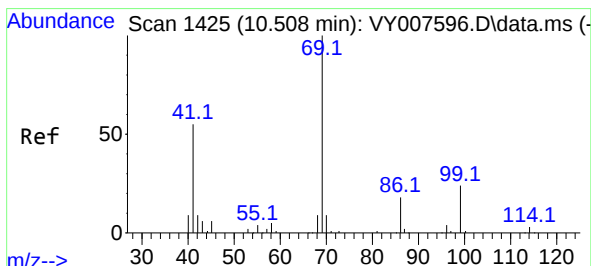
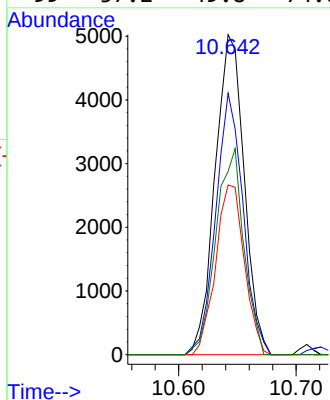
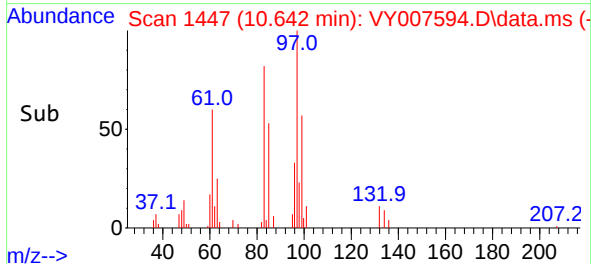


Tgt Ion: 97 Resp: 864

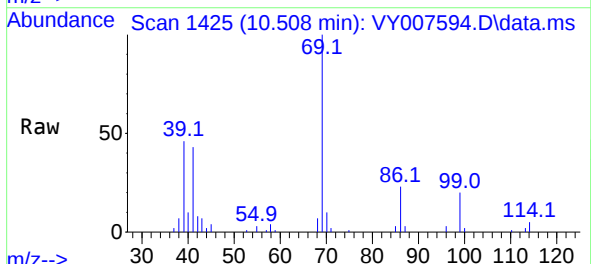
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.8	104.8
85	53.0	44.3	66.5
99	57.2	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

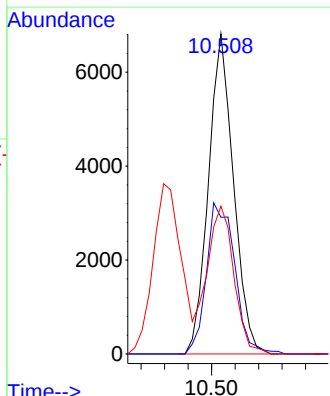
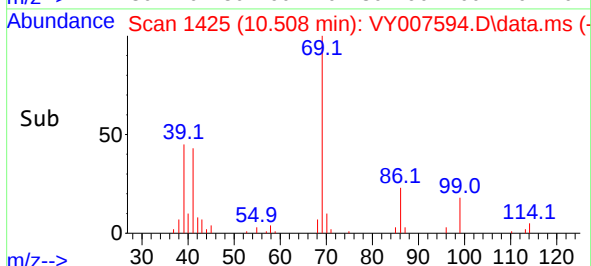


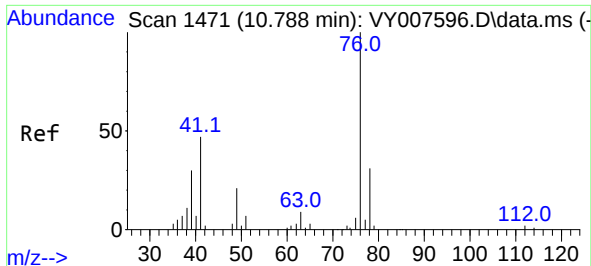
#56
Ethyl methacrylate
Concen: 11.289 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 69 Resp: 10102

Ion	Ratio	Lower	Upper
69	100		
41	53.4	63.4	95.0
39	49.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 10.837 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 12698

Ion Ratio Lower Upper

76 100

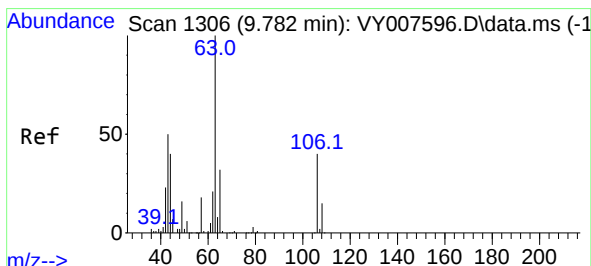
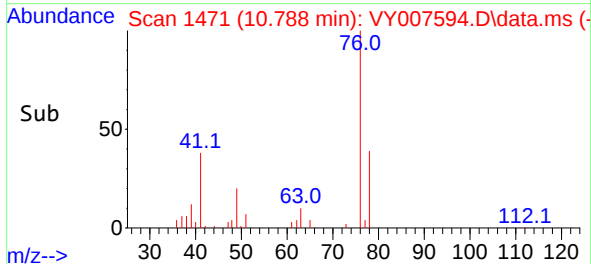
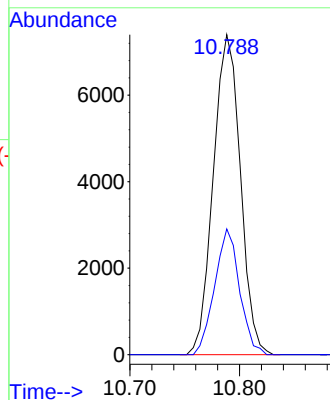
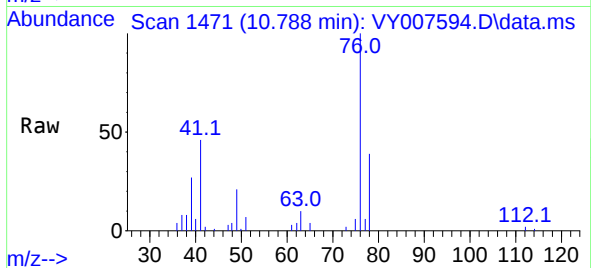
78 36.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 53.530 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007594.D

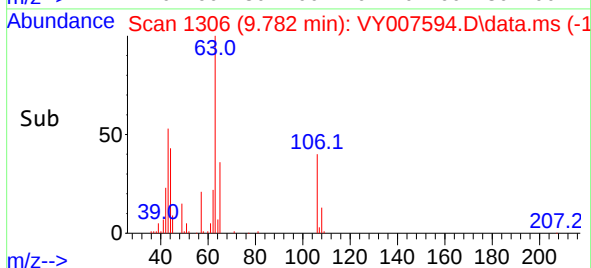
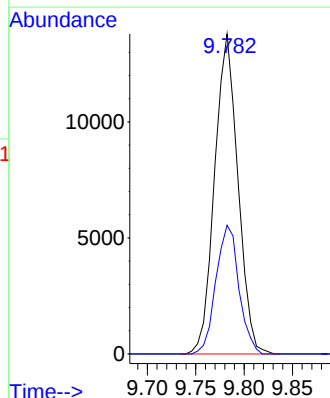
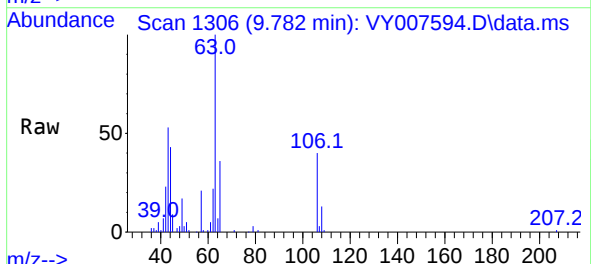
Acq: 23 Feb 2022 12:58

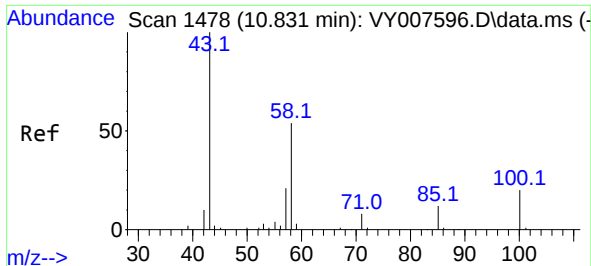
Tgt Ion: 63 Resp: 23079

Ion Ratio Lower Upper

63 100

106 39.6 21.5 32.3#





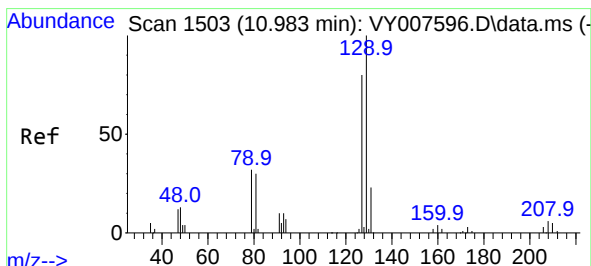
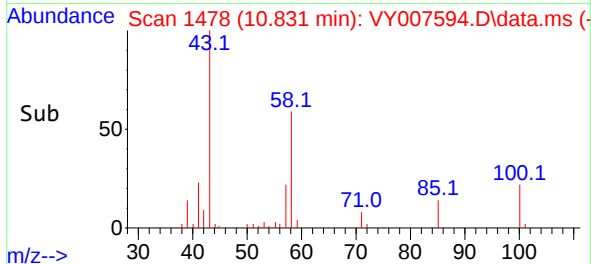
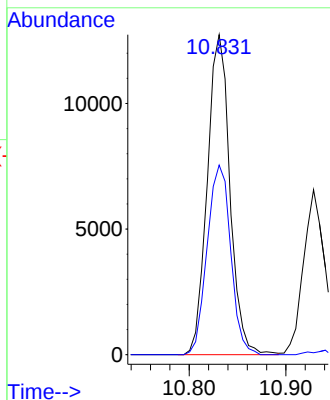
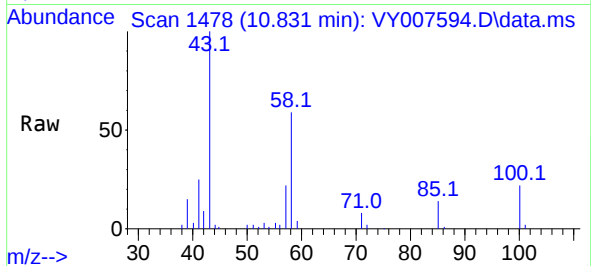
#59
2-Hexanone
Concen: 56.361 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 20749
Ion Ratio Lower Upper
43 100
58 61.5 24.4 73.4

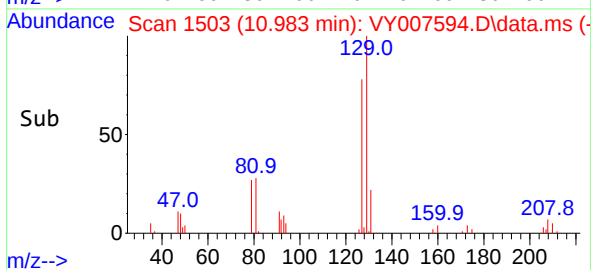
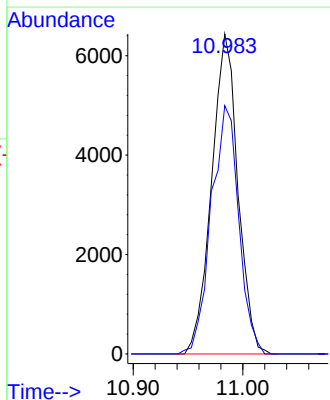
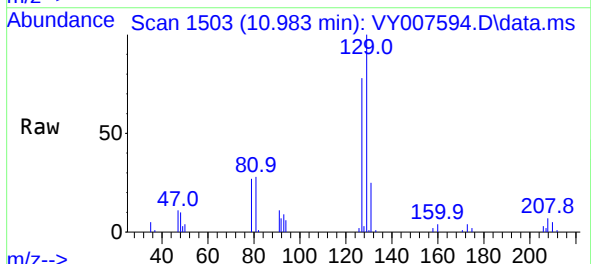
Manual Integrations
APPROVED

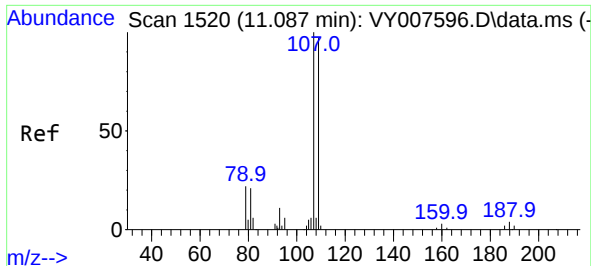
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#60
Dibromochloromethane
Concen: 10.654 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

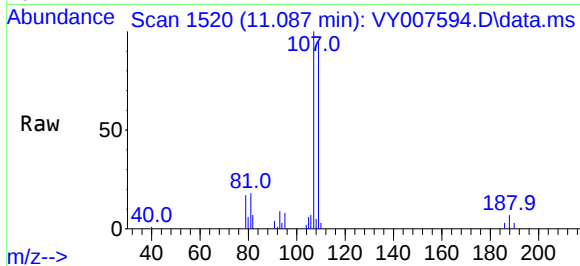
Tgt Ion:129 Resp: 10731
Ion Ratio Lower Upper
129 100
127 81.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 10.615 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

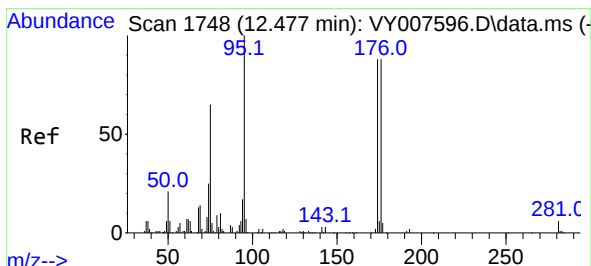
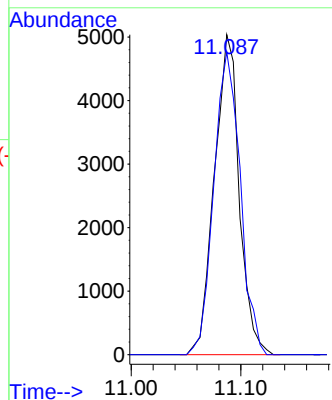
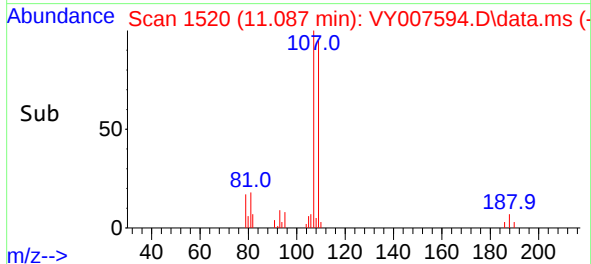
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



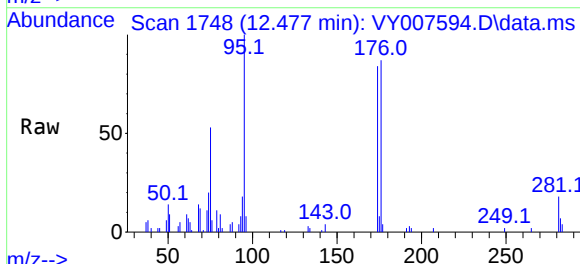
Tgt Ion:107 Resp: 7929
Ion Ratio Lower Upper
107 100
109 100.4 75.4 113.2

Manual Integrations
APPROVED

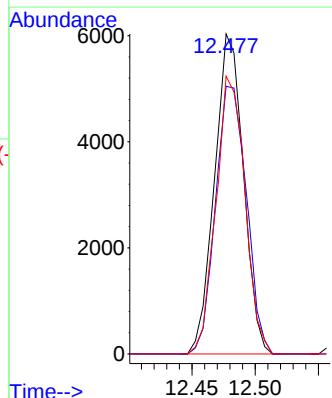
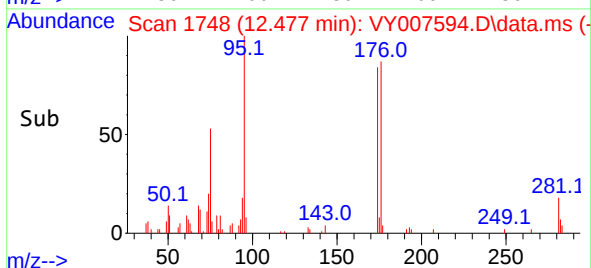
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

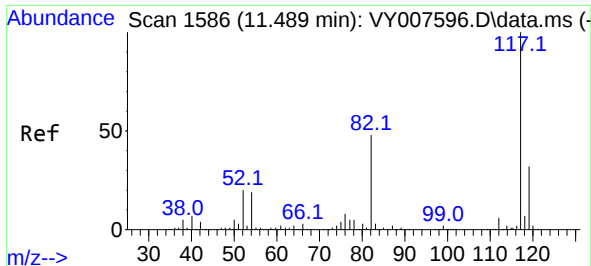


#62
4-Bromofluorobenzene
Concen: 9.372 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



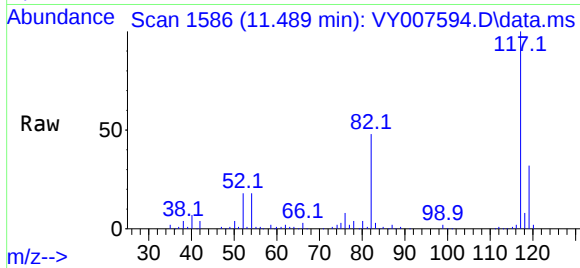
Tgt Ion: 95 Resp: 9562
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 87.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

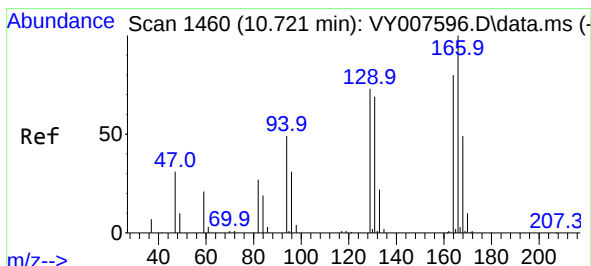
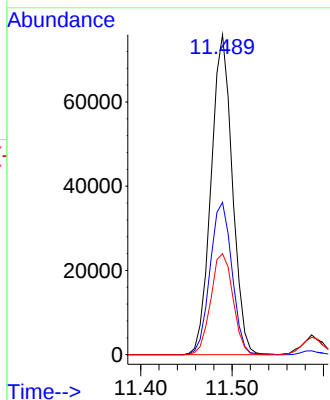
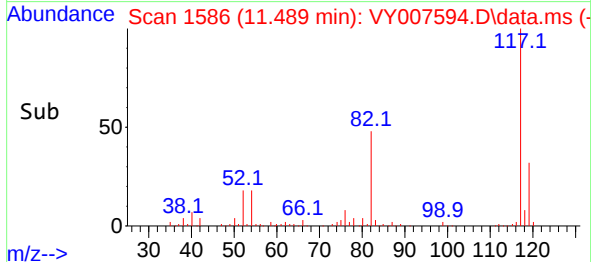
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



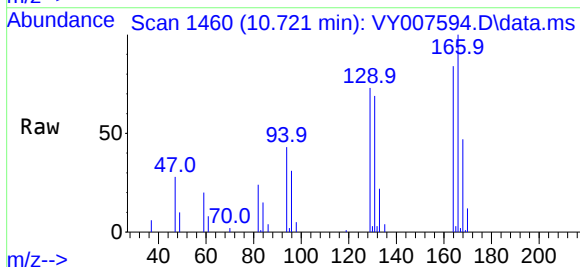
Tgt Ion:117 Resp: 12262
Ion Ratio Lower Upper
117 100
82 47.6 43.0 64.4
119 31.6 25.4 38.0

Manual Integrations
APPROVED

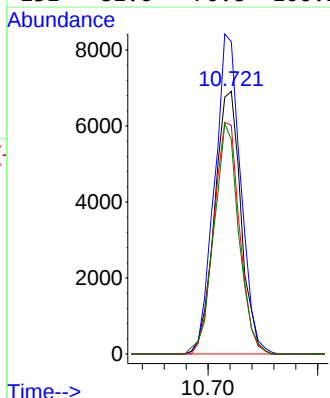
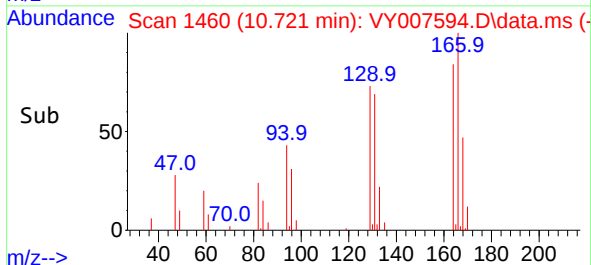
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

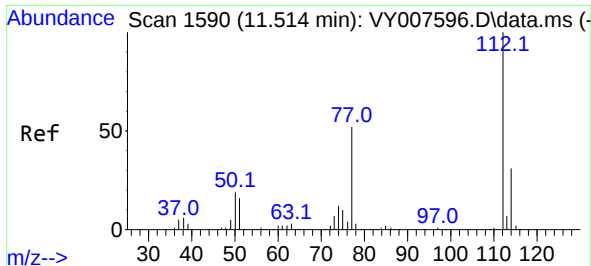


#64
Tetrachloroethene
Concen: 11.176 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion:164 Resp: 11526
Ion Ratio Lower Upper
164 100
166 118.9 100.4 150.6
129 87.0 71.4 107.0
131 81.6 70.8 106.2





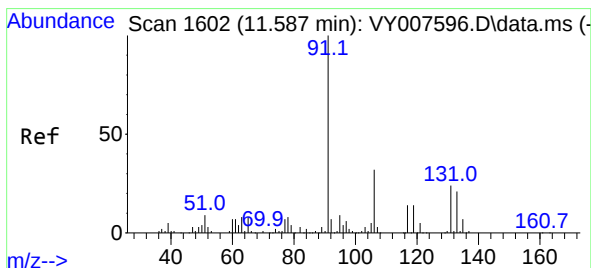
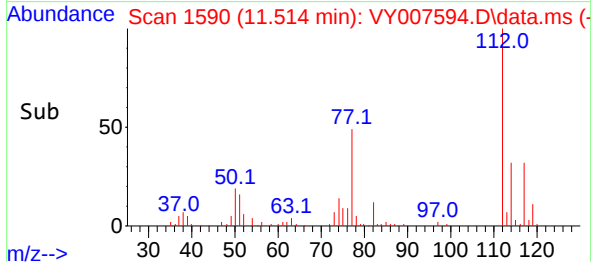
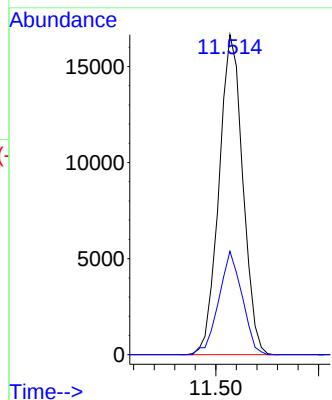
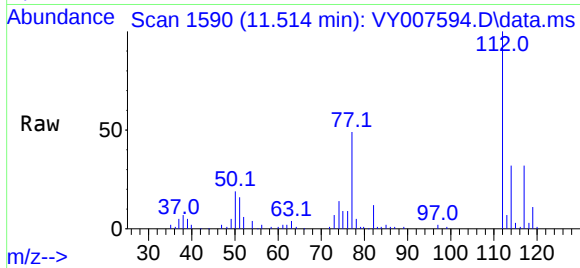
#65
Chlorobenzene
Concen: 10.233 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 26724
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

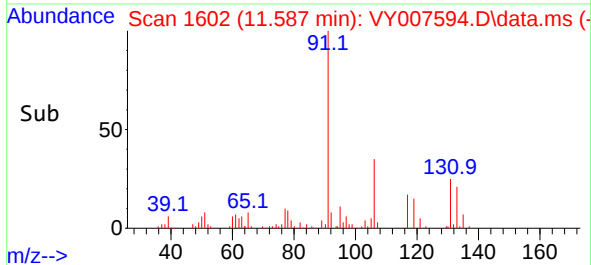
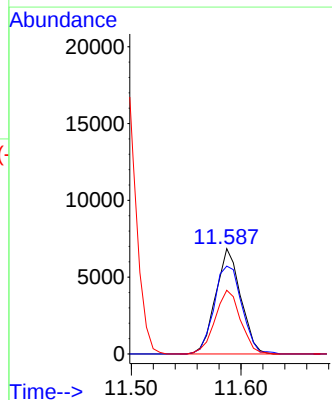
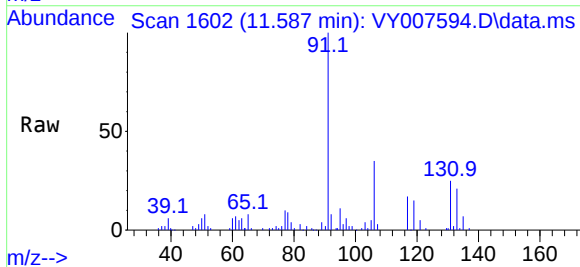
Manual Integrations
APPROVED

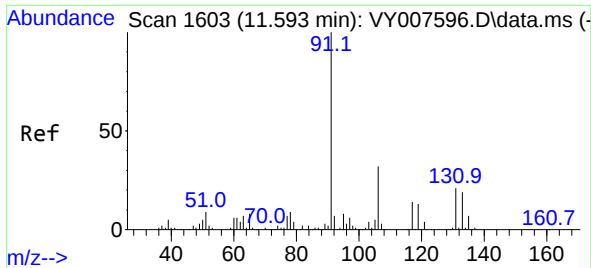
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.495 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion:131 Resp: 10921
Ion Ratio Lower Upper
131 100
133 92.5 47.9 143.6
119 61.5 30.8 92.3





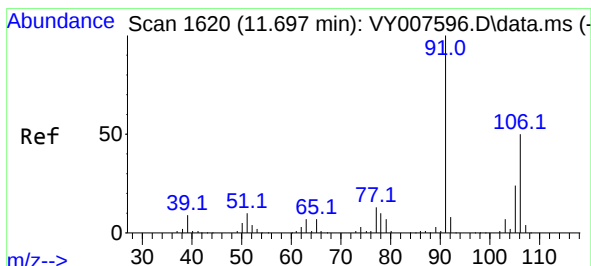
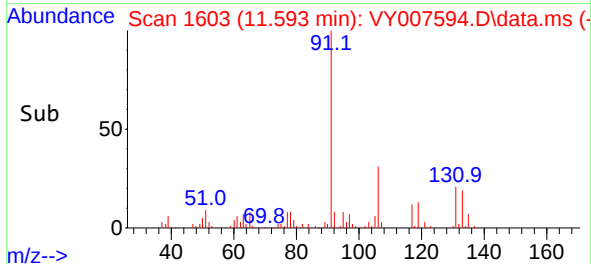
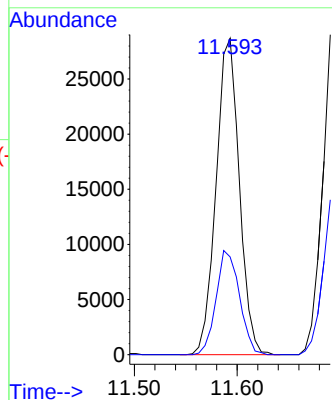
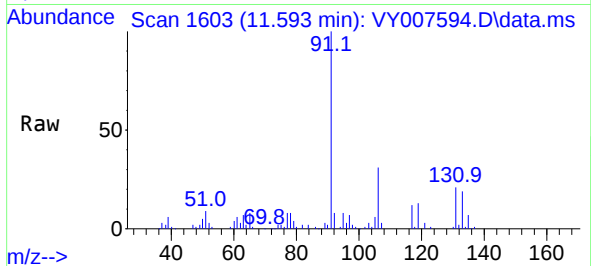
#67
Ethyl Benzene
Concen: 9.822 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 4494
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

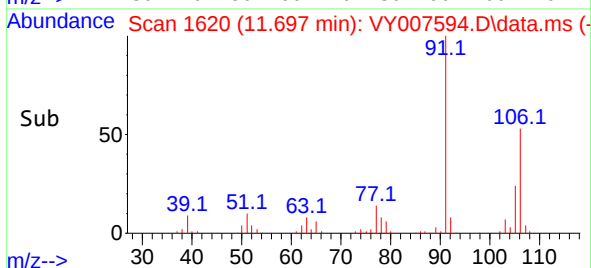
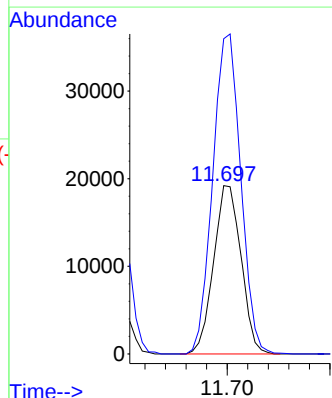
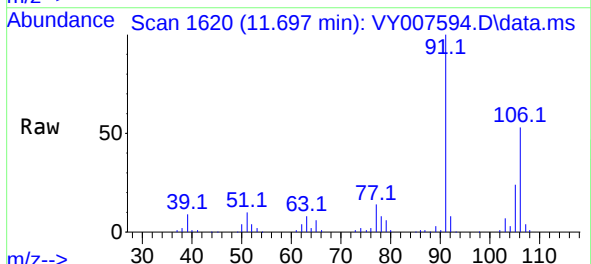
Manual Integrations
APPROVED

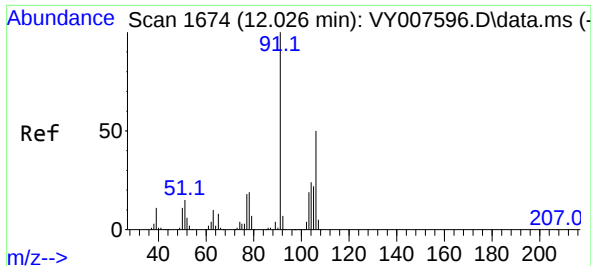
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 20.193 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

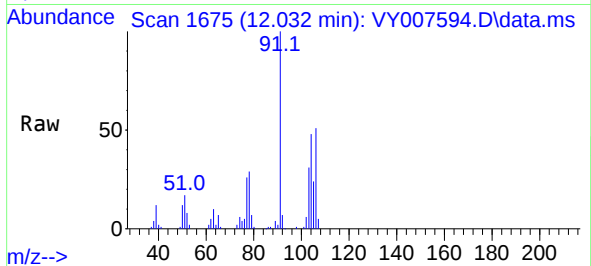
Tgt Ion:106 Resp: 35583
Ion Ratio Lower Upper
106 100
91 194.0 166.6 249.8





#69
o-Xylene
Concen: 10.878 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

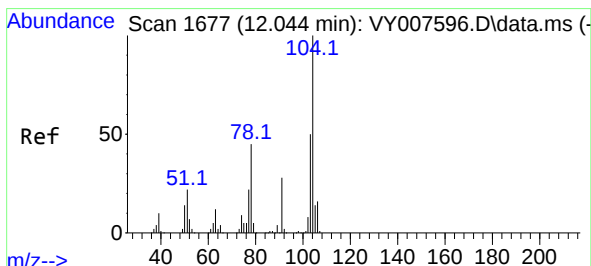
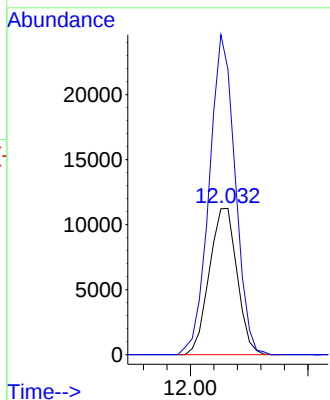
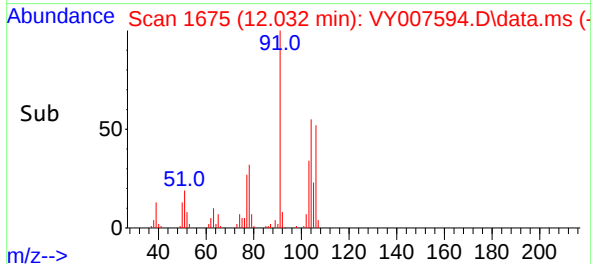
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:106 Resp: 18454
Ion Ratio Lower Upper
106 100
91 204.8 110.3 331.0

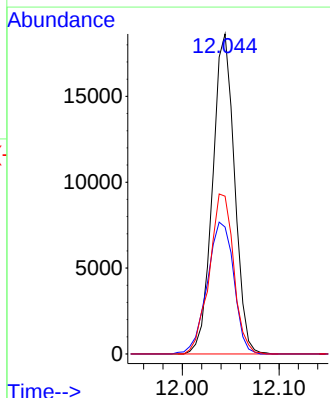
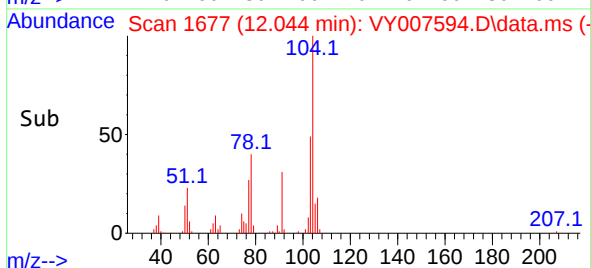
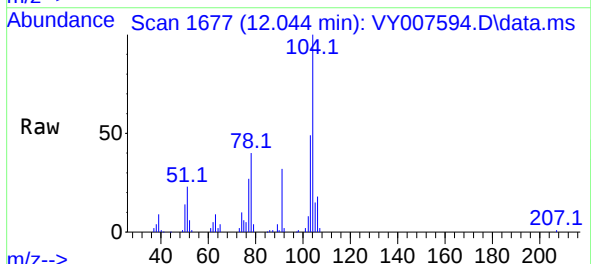
Manual Integrations
APPROVED

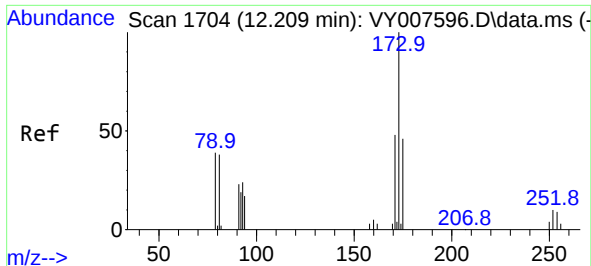
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 10.380 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

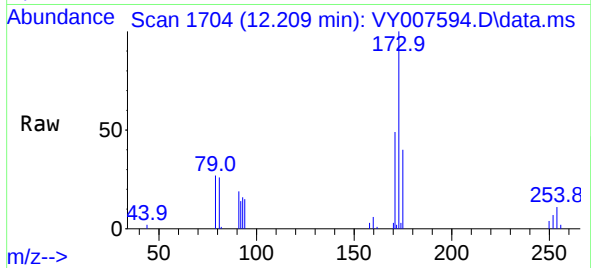
Tgt Ion:104 Resp: 29324
Ion Ratio Lower Upper
104 100
78 49.8 42.4 63.6
103 55.4 44.4 66.6





#71
Bromoform
Concen: 11.826 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

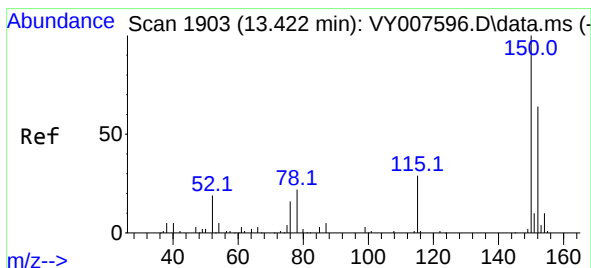
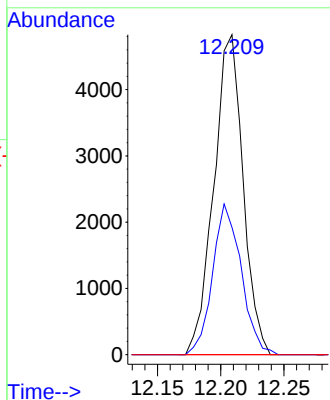
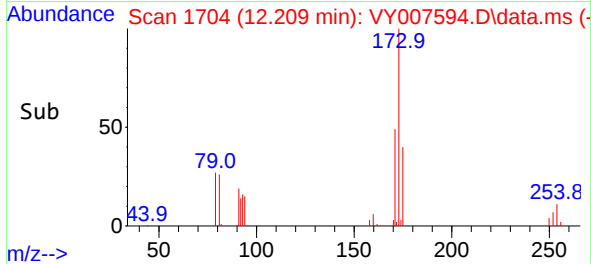
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



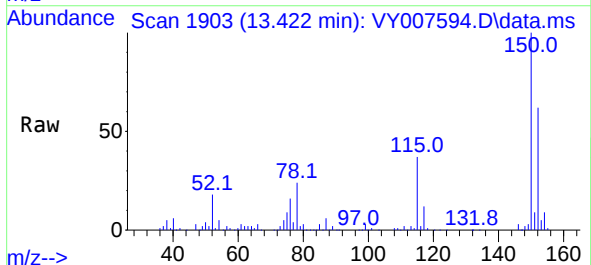
Tgt Ion:173 Resp: 7759
Ion Ratio Lower Upper
173 100
175 46.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

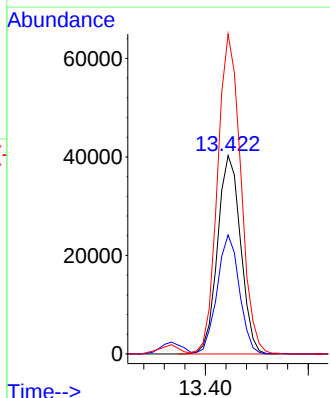
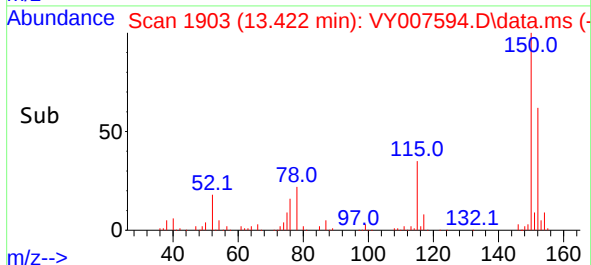
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

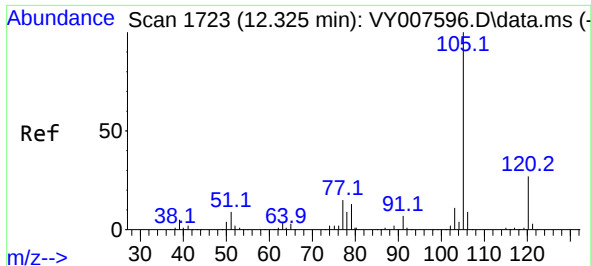


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



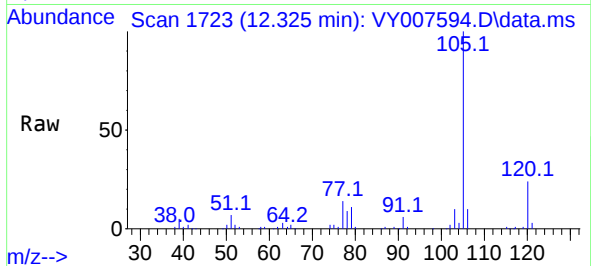
Tgt Ion:152 Resp: 62646
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 162.5 0.0 347.6





#73
Isopropylbenzene
Concen: 9.866 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

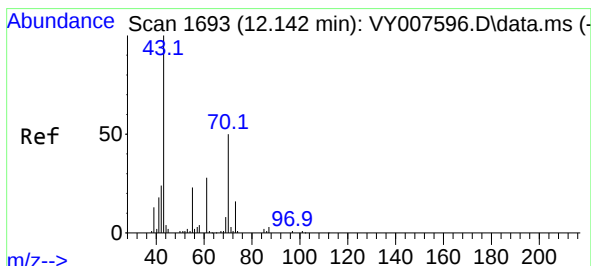
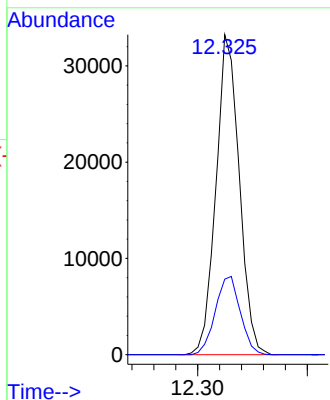
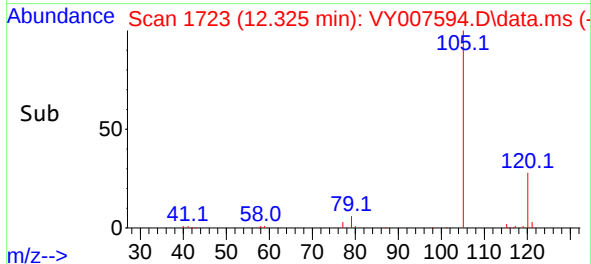
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



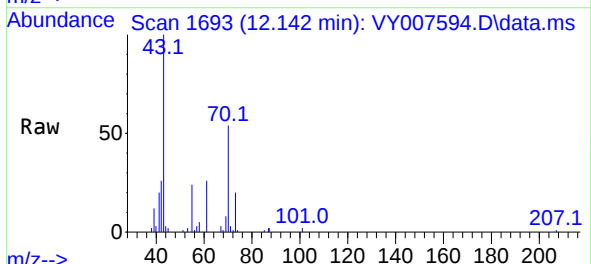
Tgt Ion: 105 Resp: 49000
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

Manual Integrations
APPROVED

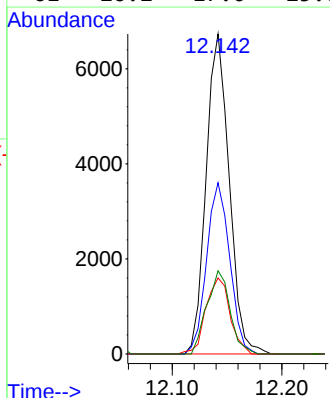
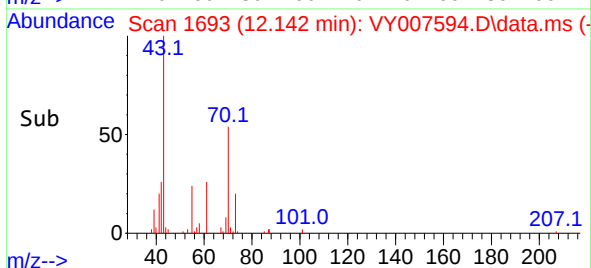
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

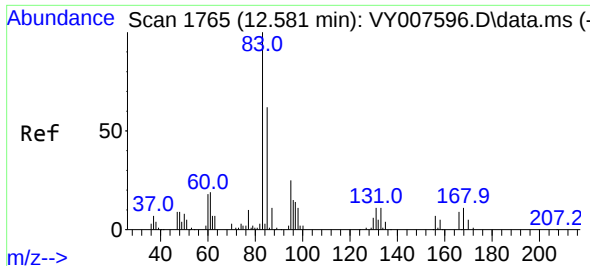


#74
N-ethyl acetate
Concen: 10.497 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



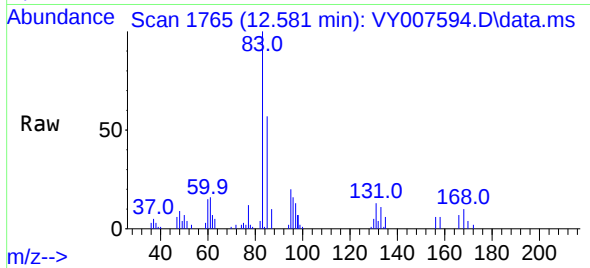
Tgt Ion: 43 Resp: 9846
Ion Ratio Lower Upper
43 100
70 53.6 28.7 43.1#
55 24.9 17.3 25.9
61 26.2 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 11.632 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

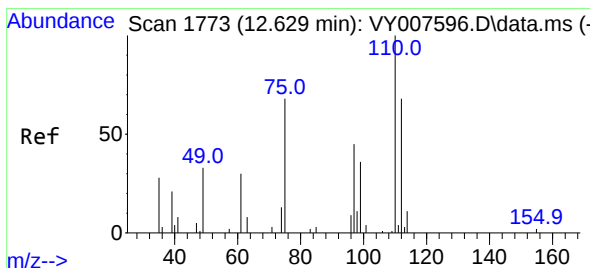
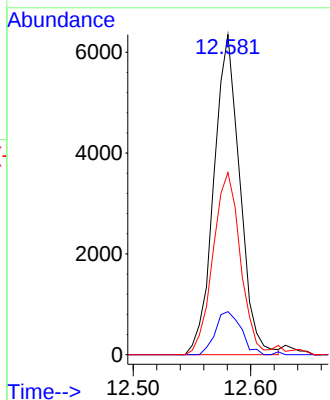
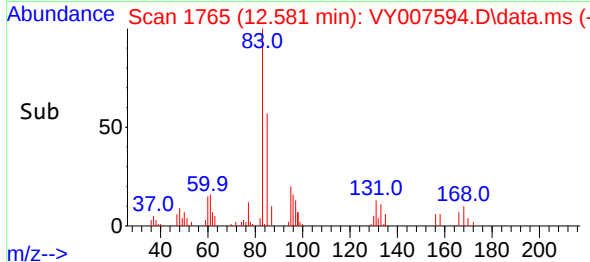
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



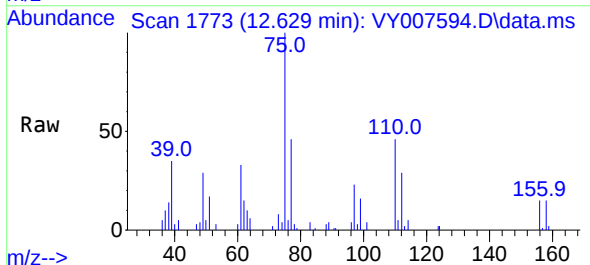
Tgt Ion: 83 Resp: 9788
Ion Ratio Lower Upper
83 100
131 13.3 5.6 16.8
85 59.8 32.3 96.8

Manual Integrations
APPROVED

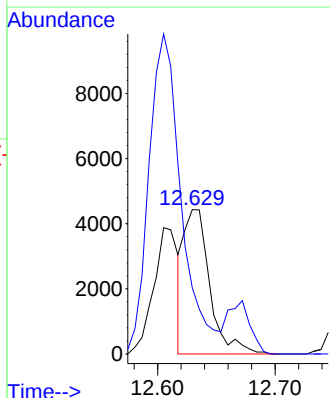
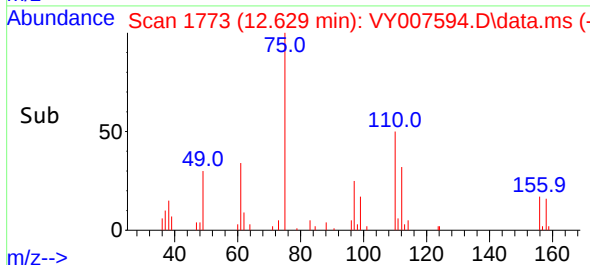
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

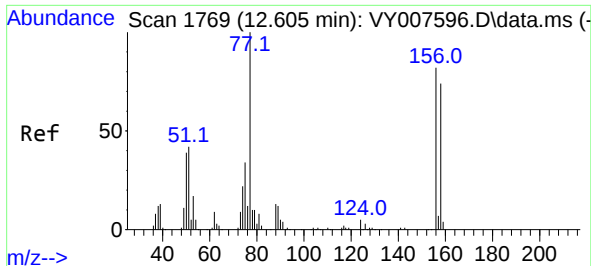


#76
1,2,3-Trichloropropane
Concen: 9.723 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 75 Resp: 6813
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





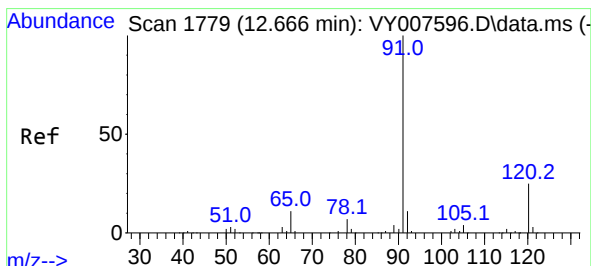
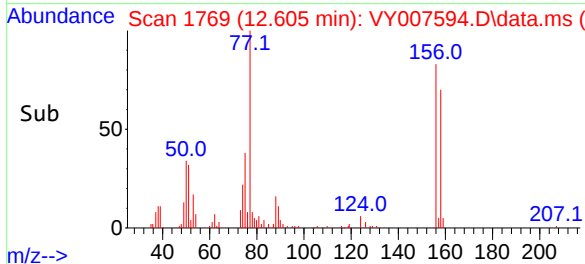
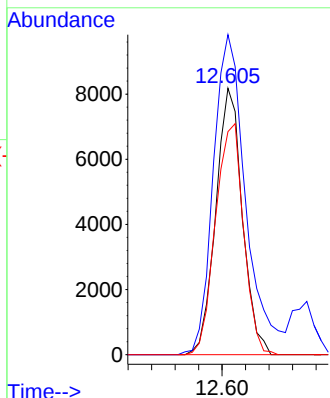
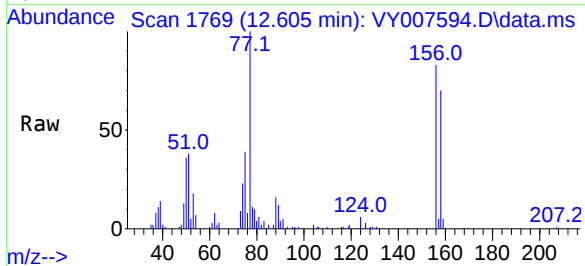
#77
Bromobenzene
Concen: 10.819 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 1285
Ion Ratio Lower Upper
156 100
77 146.8 95.5 286.4
158 91.7 48.0 144.0

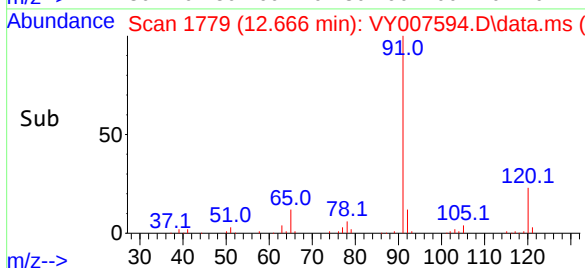
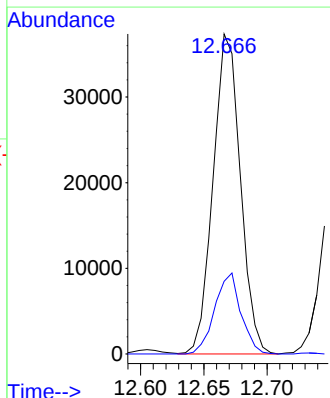
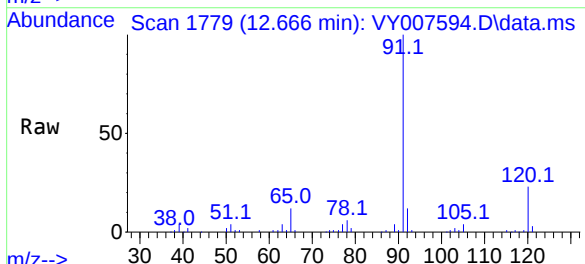
Manual Integrations
APPROVED

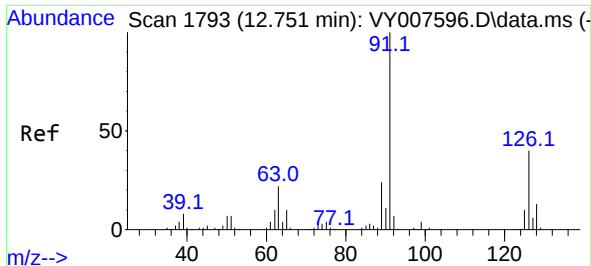
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#78
n-propylbenzene
Concen: 9.660 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion: 91 Resp: 55956
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9





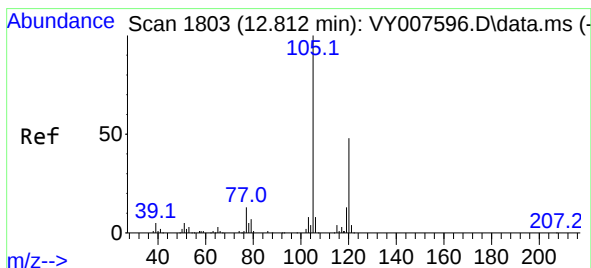
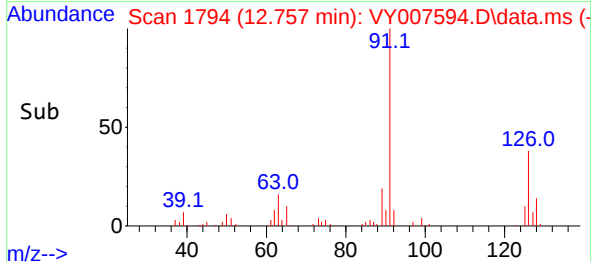
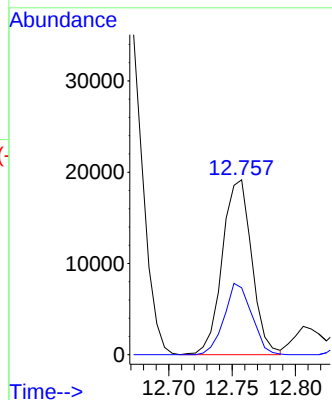
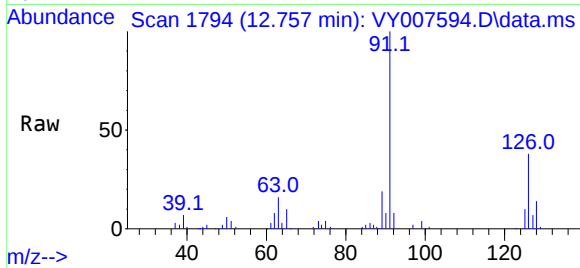
#79
2-Chlorotoluene
Concen: 9.656 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 31115
Ion Ratio Lower Upper
91 100
126 37.9 16.9 50.6

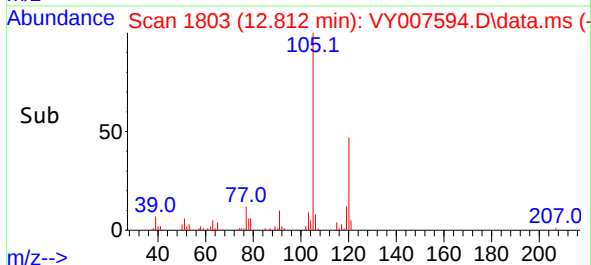
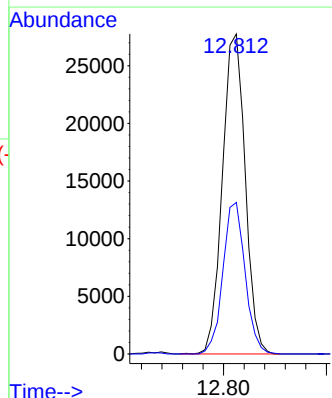
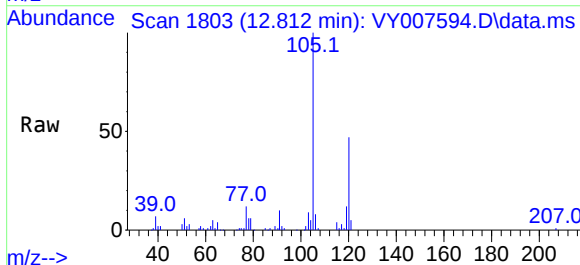
Manual Integrations
APPROVED

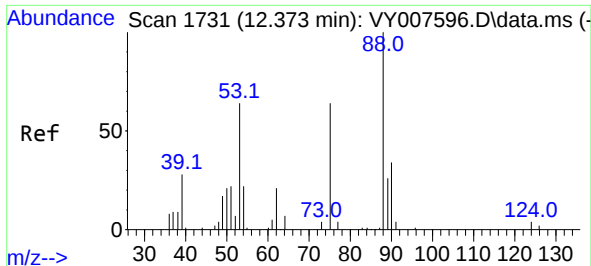
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.240 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

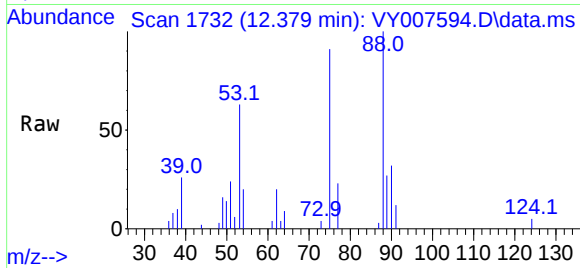
Tgt Ion:105 Resp: 42723
Ion Ratio Lower Upper
105 100
120 46.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 11.390 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

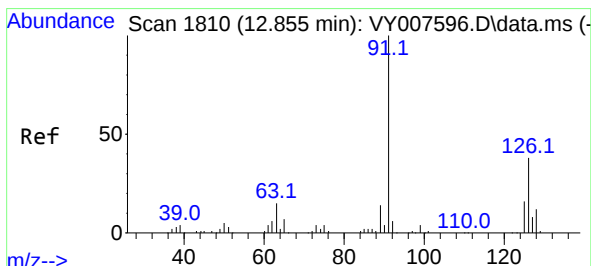
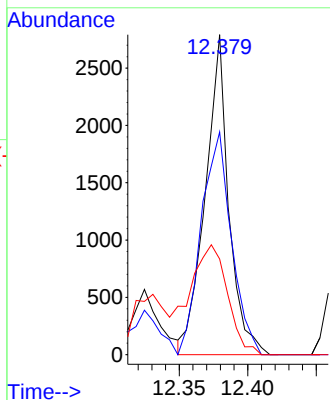
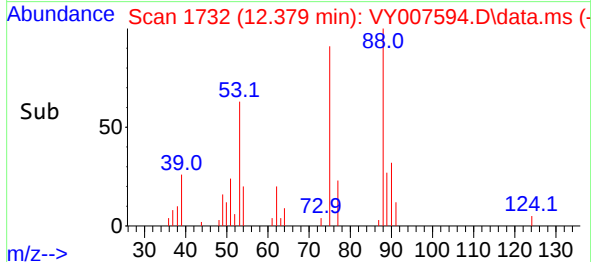
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



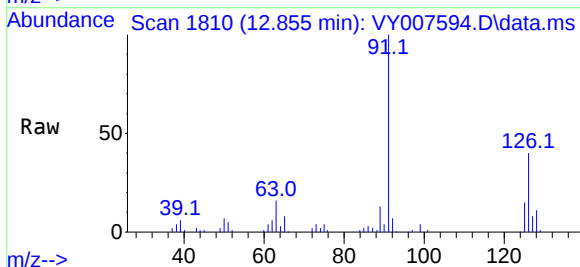
Tgt Ion: 75 Resp: 333
Ion Ratio Lower Upper
75 100
53 89.3 85.3 127.9
89 55.7 37.0 55.4

Manual Integrations
APPROVED

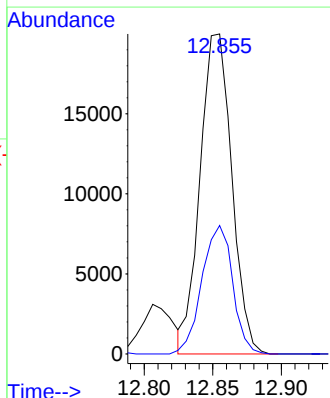
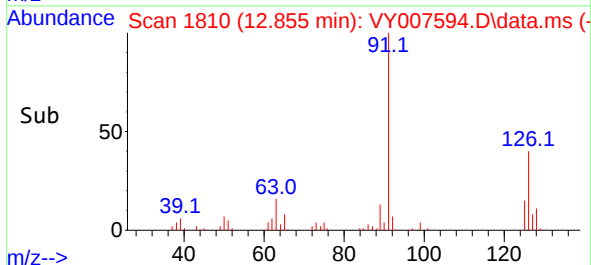
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

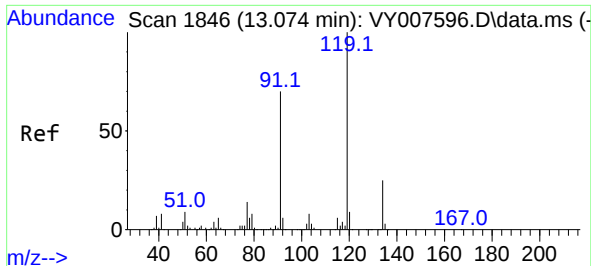


#82
4-Chlorotoluene
Concen: 9.789 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion: 91 Resp: 32184
Ion Ratio Lower Upper
91 100
126 38.9 17.0 51.0





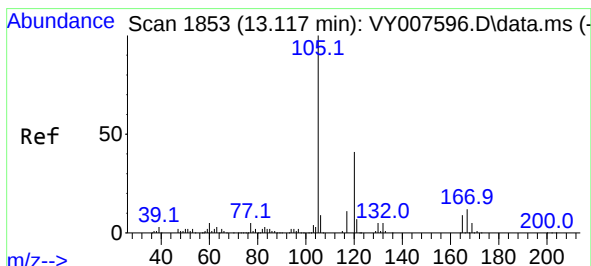
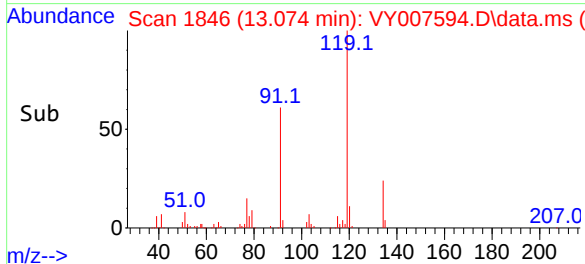
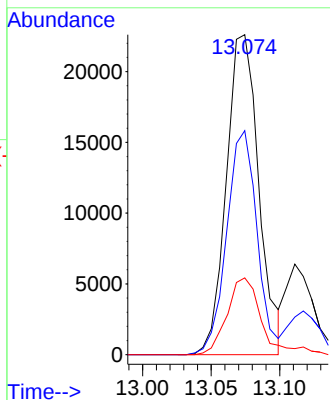
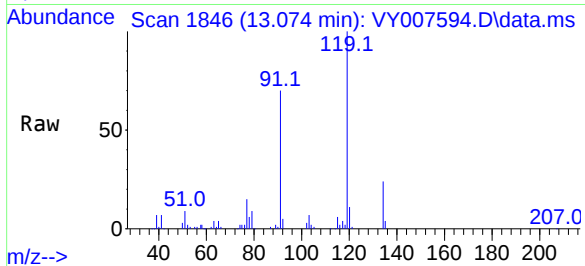
#83
tert-Butylbenzene
Concen: 9.984 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 37300
Ion Ratio Lower Upper
119 100
91 65.5 34.8 104.4
134 25.5 13.3 39.9

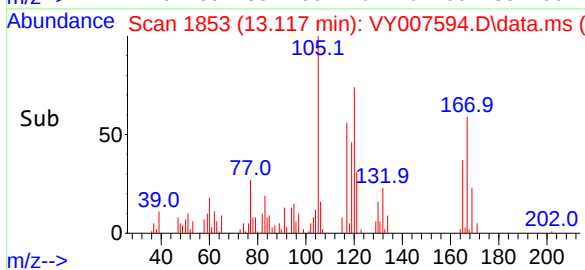
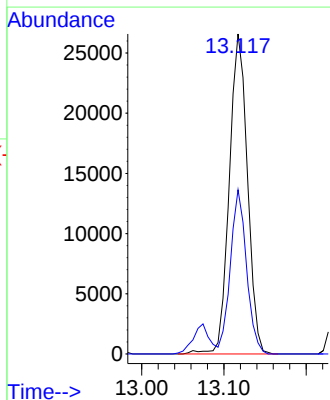
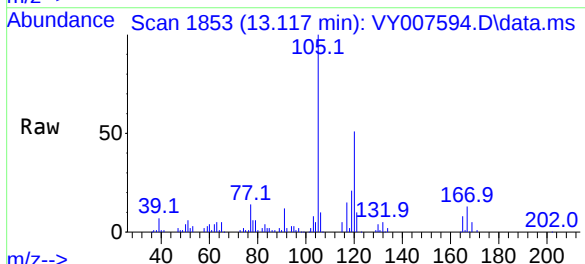
Manual Integrations
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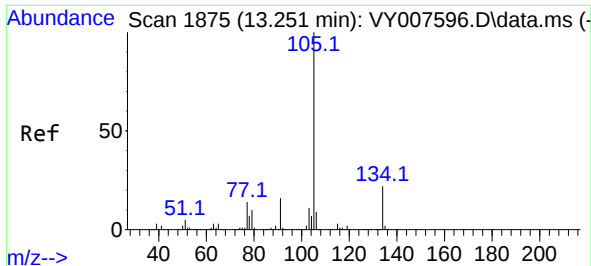
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.980 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion:105 Resp: 40841
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





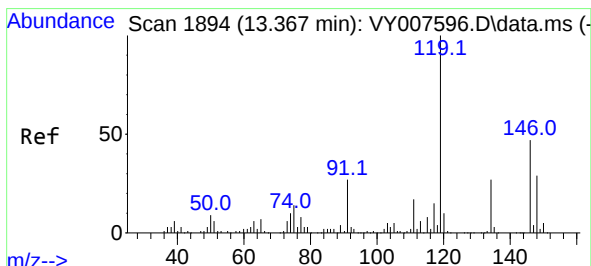
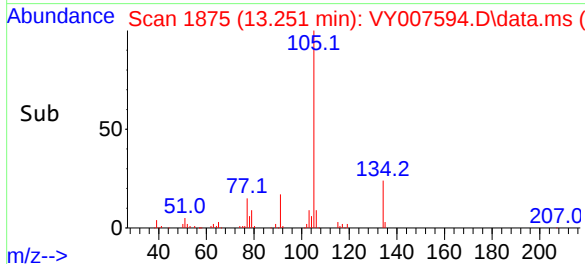
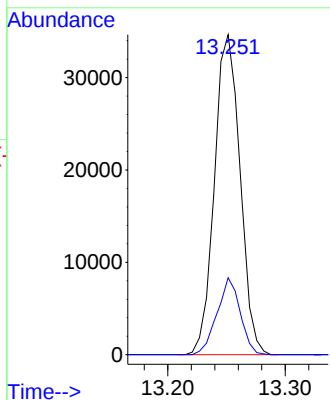
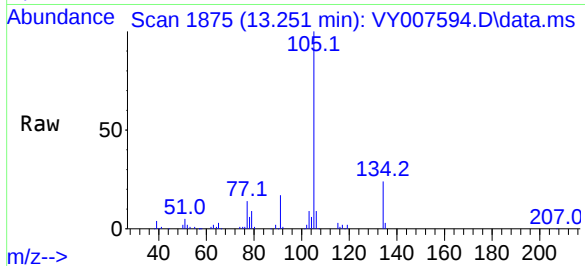
#85
 sec-Butylbenzene
 Concen: 9.764 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 52492
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4

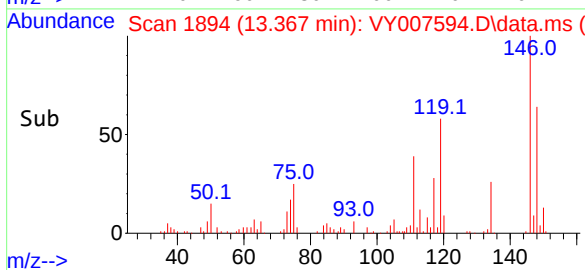
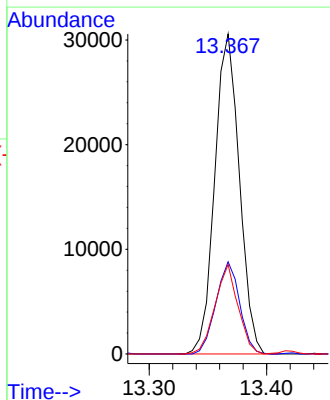
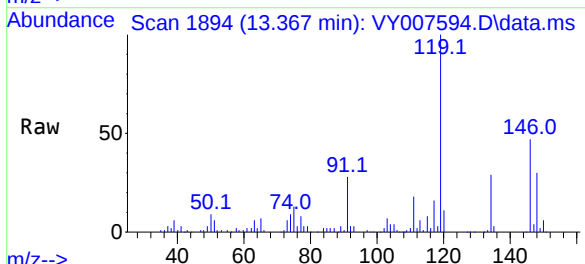
Manual Integrations
 APPROVED

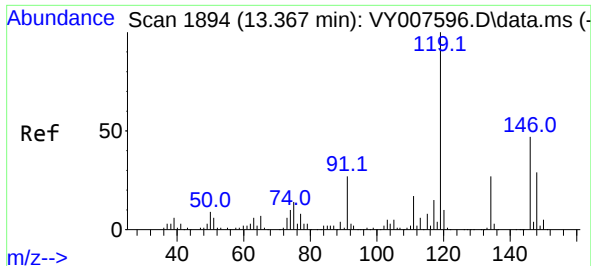
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 9.710 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007594.D
 Acq: 23 Feb 2022 12:58

Tgt Ion:119 Resp: 44463
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.481 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 23714

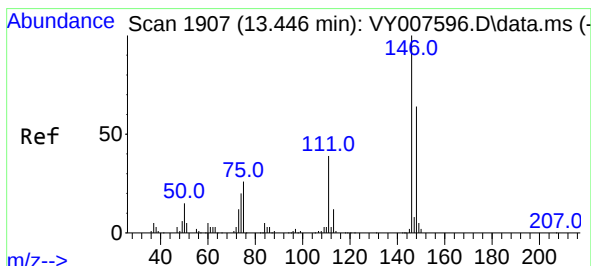
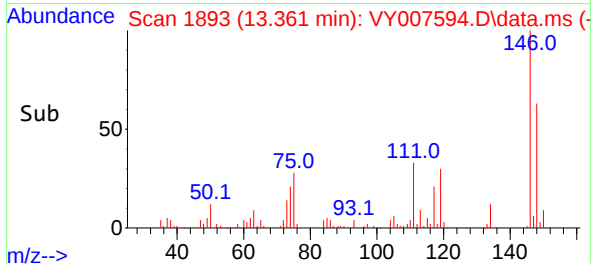
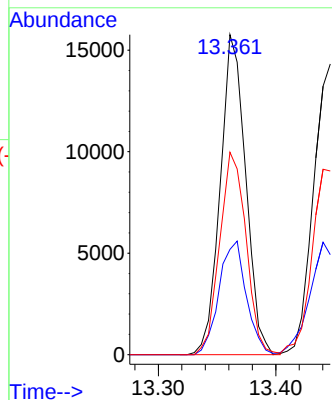
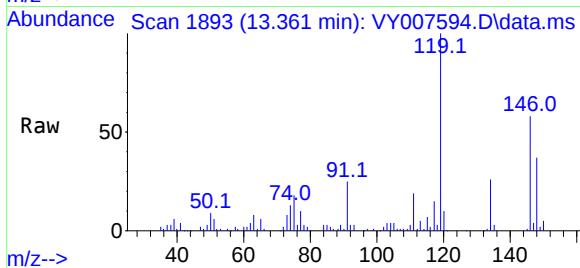
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	65.7	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 10.128 ug/l

RT: 13.446 min Scan# 1907

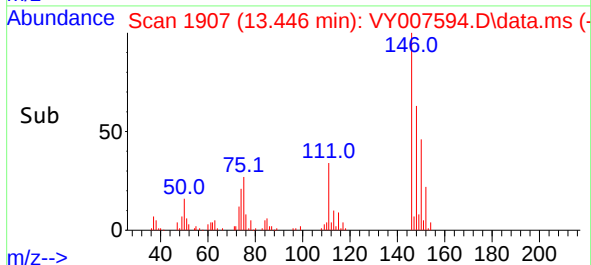
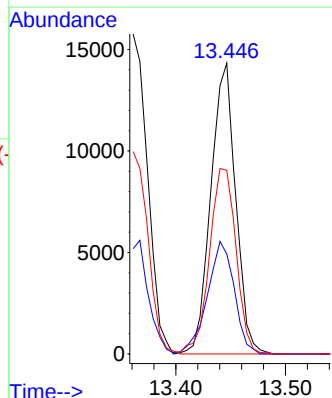
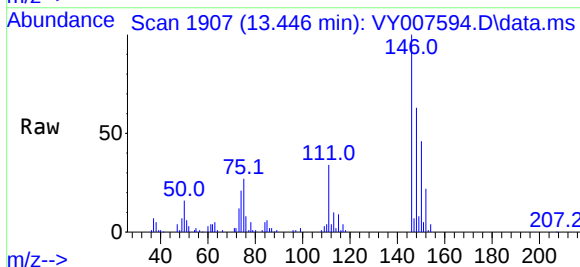
Delta R.T. 0.000 min

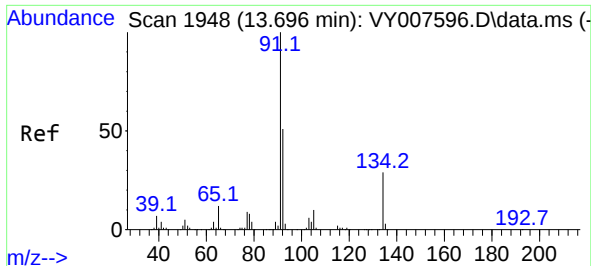
Lab File: VY007594.D

Acq: 23 Feb 2022 12:58

Tgt Ion:146 Resp: 22534

Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.3	57.8
148	68.3	32.6	97.8





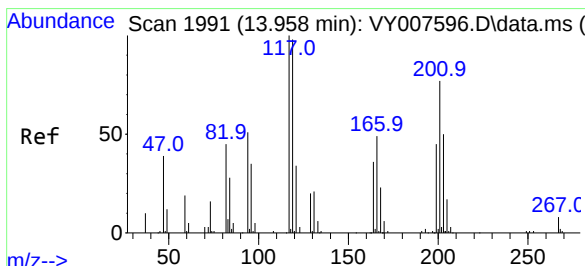
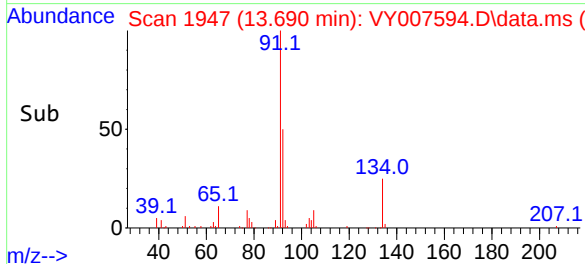
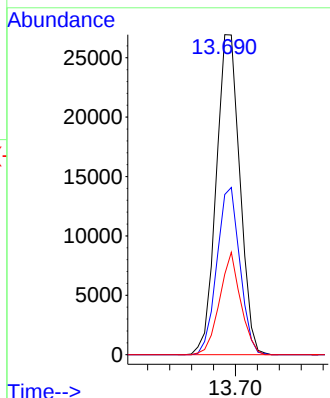
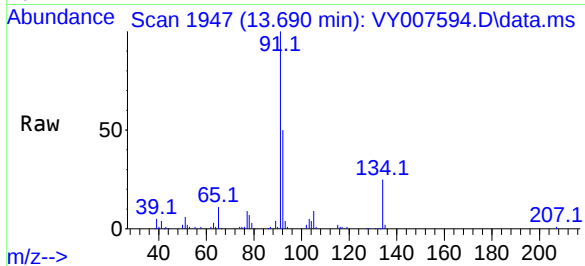
#89
n-Butylbenzene
Concen: 9.707 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 4034
Ion Ratio Lower Upper
91 100
92 50.7 26.3 78.9
134 28.6 13.0 38.9

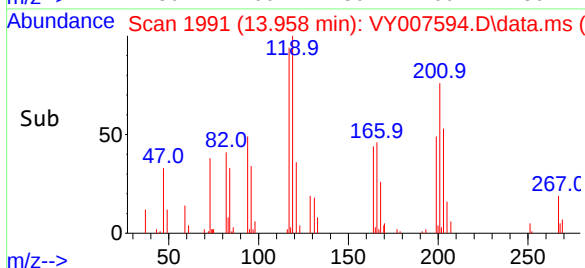
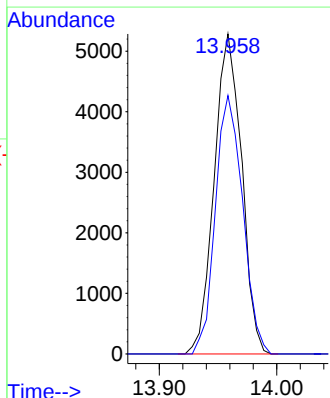
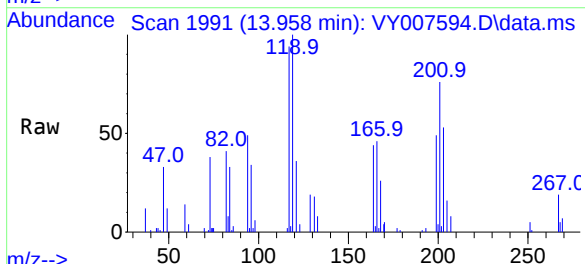
Manual Integrations
APPROVED

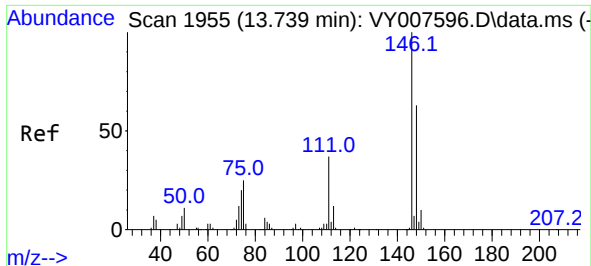
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 9.410 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion:117 Resp: 8570
Ion Ratio Lower Upper
117 100
201 80.5 43.0 128.8





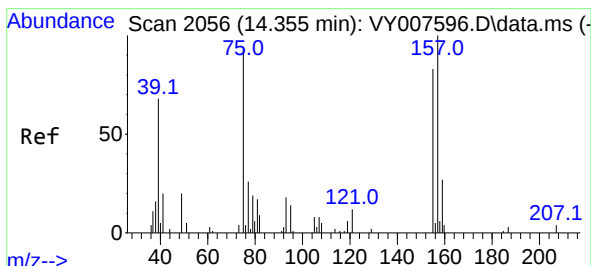
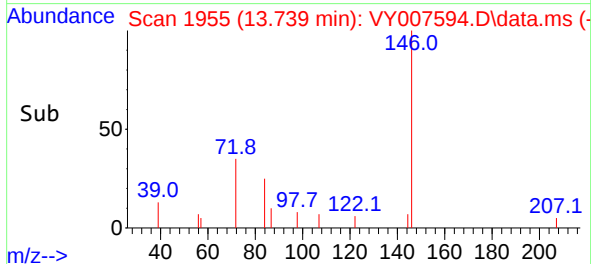
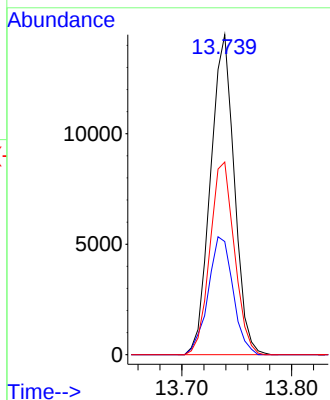
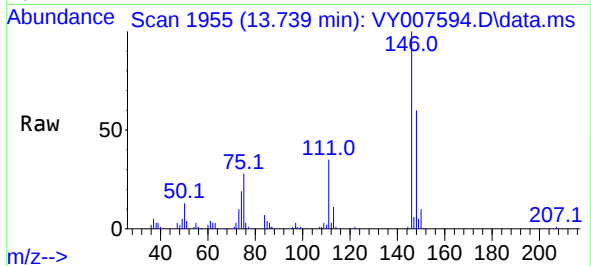
#91
1,2-Dichlorobenzene
Concen: 10.846 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 2185
Ion Ratio Lower Upper
146 100
111 38.5 20.3 60.9
148 62.0 32.3 96.9

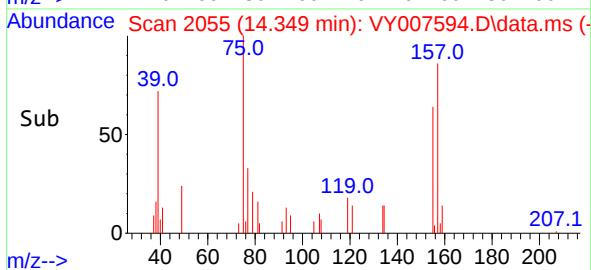
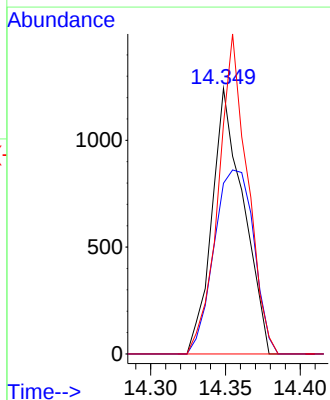
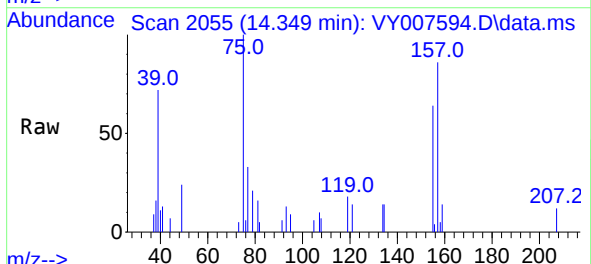
Manual Integrations
APPROVED

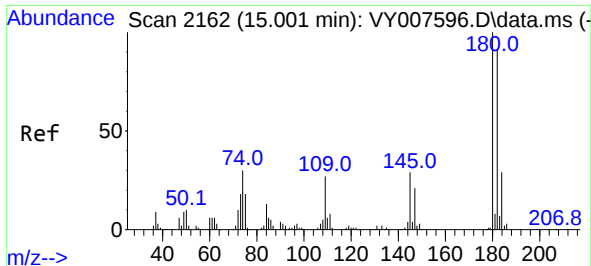
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.995 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

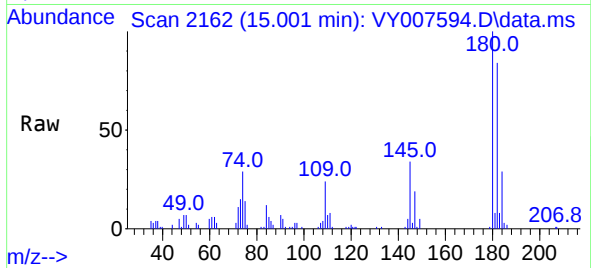
Tgt Ion: 75 Resp: 1810
Ion Ratio Lower Upper
75 100
155 88.0 38.0 113.9
157 111.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 10.472 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

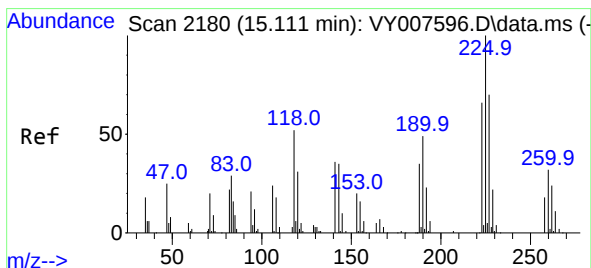
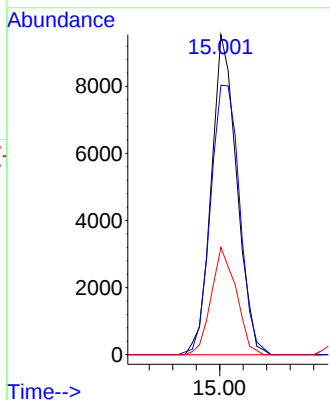
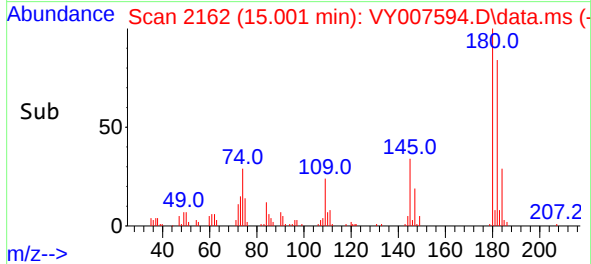
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



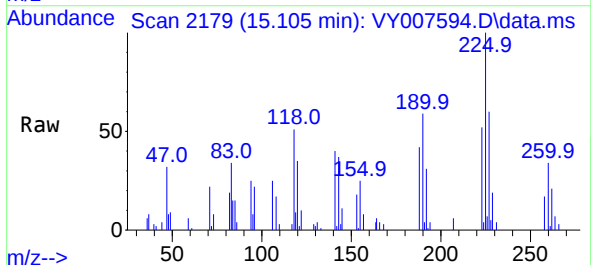
Tgt Ion:180 Resp: 1436
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 32.9 14.6 43.8

Manual Integrations
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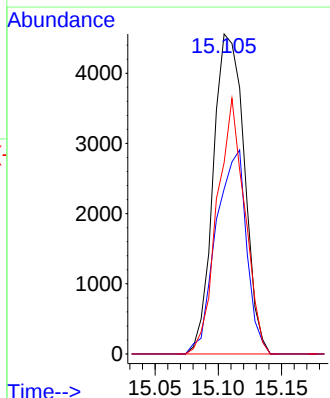
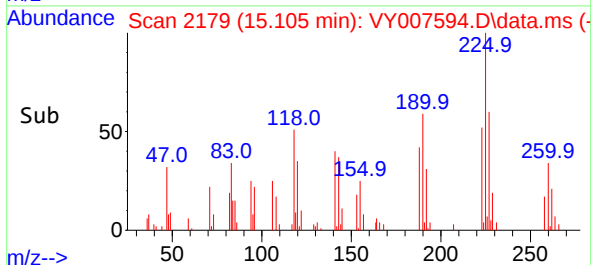
Reviewed By :John Carlone 02/24/2022
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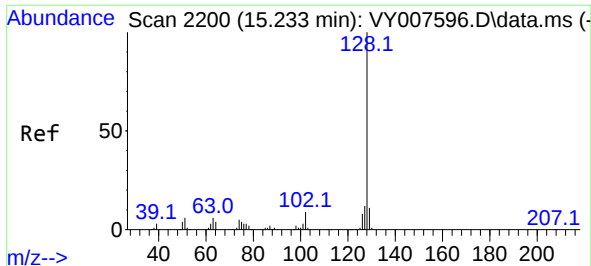


#94
Hexachlorobutadiene
Concen: 9.516 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58



Tgt Ion:225 Resp: 7775
Ion Ratio Lower Upper
225 100
223 62.7 30.8 92.3
227 71.1 31.6 94.7





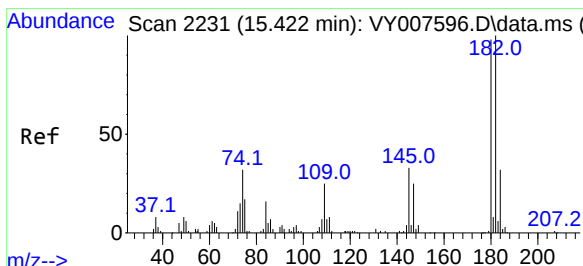
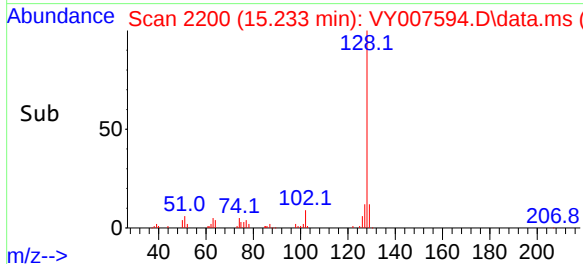
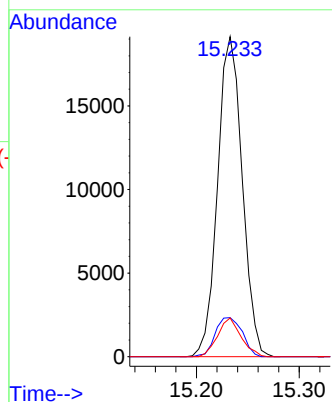
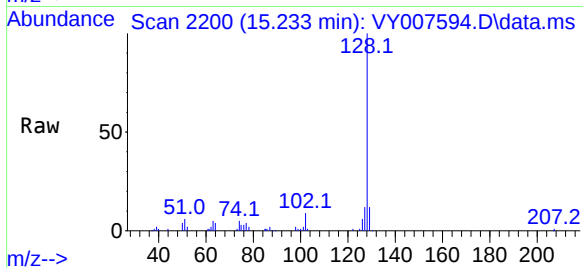
#95
Naphthalene
Concen: 11.288 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	3181
Ion Ratio	Lower	Upper	
128	100		
127	13.4	11.0	16.4
129	11.5	8.4	12.6

Manual Integrations
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Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 10.613 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007594.D
Acq: 23 Feb 2022 12:58

Tgt Ion:	180	Resp:	12568
Ion Ratio	Lower	Upper	
180	100		
182	99.2	47.3	141.9
145	32.7	15.3	45.9

