

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008773.D
 Acq On : 17 May 2022 14:50
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:22:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	72458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3276	4.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.220%#		
35) Dibromofluoromethane	7.710	113	3371	4.740	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.480%#		
50) Toluene-d8	10.179	98	10988	4.007	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	8.020%#		
62) 4-Bromofluorobenzene	12.477	95	3587	3.686	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	7.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	3525	6.015	ug/l	95
3) Chloromethane	2.113	50	5987	7.303	ug/l	94
4) Vinyl Chloride	2.253	62	7668	7.742	ug/l	92
5) Bromomethane	2.650	94	4367	5.717	ug/l	100
6) Chloroethane	2.790	64	5294	8.004	ug/l	93
7) Trichlorofluoromethane	3.125	101	6891	5.611	ug/l	99
8) Diethyl Ether	3.528	74	1916	4.442	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	3962	5.104	ug/l	96
10) Methyl Iodide	4.095	142	3578	4.610	ug/l #	94
11) Tert butyl alcohol	4.948	59	1859	23.553	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	3441	4.750	ug/l #	76
13) Acrolein	3.723	56	1234	16.498	ug/l	96
14) Allyl chloride	4.473	41	4989	4.230	ug/l #	89
15) Acrylonitrile	5.161	53	5542	23.950	ug/l	98
16) Acetone	3.942	43	5423	27.340	ug/l	93
17) Carbon Disulfide	4.192	76	11122	5.415	ug/l	98
18) Methyl Acetate	4.479	43	3099	5.051	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	8212	3.763	ug/l #	90
20) Methylene Chloride	4.710	84	6787	7.344	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	4063	4.785	ug/l	93
22) Diisopropyl ether	6.112	45	8988	3.595	ug/l #	84
23) Vinyl Acetate	6.058	43	31949	20.140	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	7108	4.790	ug/l	100
25) 2-Butanone	6.984	43	6995	22.892	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	6417	4.677	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	4281	4.436	ug/l	91
28) Bromochloromethane	7.320	49	2480	4.289	ug/l #	91
29) Tetrahydrofuran	7.344	42	4581	23.256	ug/l #	88
30) Chloroform	7.503	83	7463	4.840	ug/l	91
31) Cyclohexane	7.777	56	7428	5.220	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	6798	4.880	ug/l	99
36) 1,1-Dichloropropene	7.917	75	5988	5.462	ug/l	98
37) Ethyl Acetate	7.070	43	3490	5.698	ug/l #	94
38) Carbon Tetrachloride	7.899	117	6173	5.428	ug/l	97
39) Methylcyclohexane	9.185	83	6410	4.515	ug/l	89
40) Benzene	8.161	78	15438	4.953	ug/l	94

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 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:22:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	1705m	5.204	ug/l	
42) 1,2-Dichloroethane	8.234	62	4864	5.331	ug/l	94
43) Isopropyl Acetate	8.271	43	5206	4.412	ug/l #	88
44) Trichloroethene	8.935	130	4368	5.203	ug/l	83
45) 1,2-Dichloropropane	9.216	63	3993	5.088	ug/l #	89
46) Dibromomethane	9.301	93	2394	5.048	ug/l	91
47) Bromodichloromethane	9.496	83	5554	5.022	ug/l	97
48) Methyl methacrylate	9.295	41	2352	4.569	ug/l	87
49) 1,4-Dioxane	9.301	88	596	92.662	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	14648	24.161	ug/l	92
52) Toluene	10.240	92	9543	4.714	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	5126	4.398	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	5723	4.373	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	3060	4.599	ug/l	96
56) Ethyl methacrylate	10.508	69	3159	3.522	ug/l	94
57) 1,3-Dichloropropane	10.788	76	5375	4.788	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	8286	19.735	ug/l	93
59) 2-Hexanone	10.831	43	10205	23.467	ug/l	98
60) Dibromochloromethane	10.984	129	3651	4.720	ug/l	96
61) 1,2-Dibromoethane	11.093	107	3023	4.681	ug/l	91
64) Tetrachloroethene	10.721	164	3443	5.078	ug/l	94
65) Chlorobenzene	11.514	112	10573	5.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	3628	4.745	ug/l	95
67) Ethyl Benzene	11.593	91	17978	4.714	ug/l	98
68) m/p-Xylenes	11.703	106	13226	8.966	ug/l	91
69) o-Xylene	12.026	106	5879	4.172	ug/l	99
70) Styrene	12.044	104	9526	4.068	ug/l	95
71) Bromoform	12.209	173	2281	4.859	ug/l #	93
73) Isopropylbenzene	12.331	105	16511	4.599	ug/l	100
74) N-amyl acetate	12.142	43	4114	4.243	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	3920	5.358	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	3044m	5.643	ug/l	
77) Bromobenzene	12.611	156	4130	5.256	ug/l	91
78) n-propylbenzene	12.672	91	20442	4.718	ug/l	99
79) 2-Chlorotoluene	12.758	91	11026	4.561	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	12408	4.218	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.380	75	1354	5.164	ug/l	86
82) 4-Chlorotoluene	12.855	91	11606	4.659	ug/l	100
83) tert-Butylbenzene	13.075	119	11508	4.382	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	11975	4.089	ug/l	96
85) sec-Butylbenzene	13.258	105	18161	4.627	ug/l	99
86) p-Isopropyltoluene	13.373	119	14052	4.399	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	8176	5.176	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	7946	5.020	ug/l	93
89) n-Butylbenzene	13.697	91	14439	4.705	ug/l	97
90) Hexachloroethane	13.965	117	2825	4.509	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	6844	4.839	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	666	5.584	ug/l	84
93) 1,2,4-Trichlorobenzene	15.013	180	3741	4.551	ug/l	95
94) Hexachlorobutadiene	15.117	225	2522	5.881	ug/l	96
95) Naphthalene	15.239	128	7815	3.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3311	4.593	ug/l	95

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 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

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 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

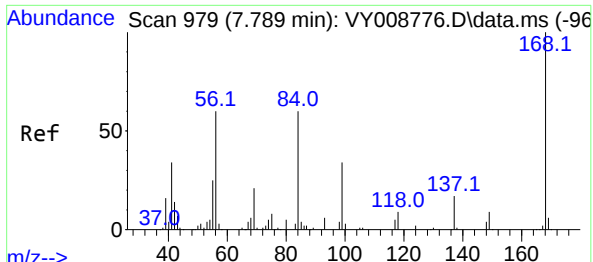
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

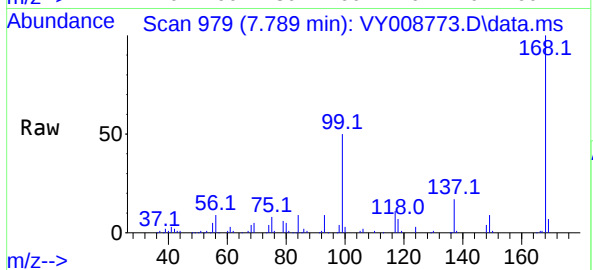
Quant Time: May 18 02:22:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 02:20:50 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

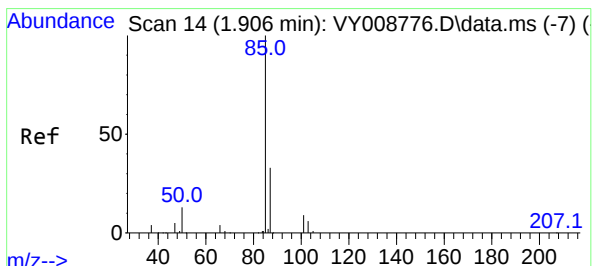
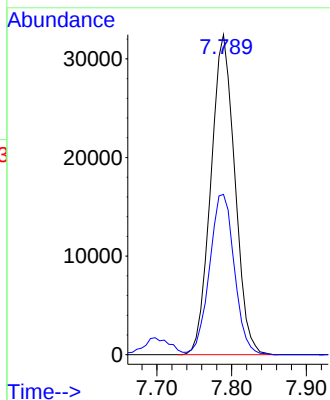
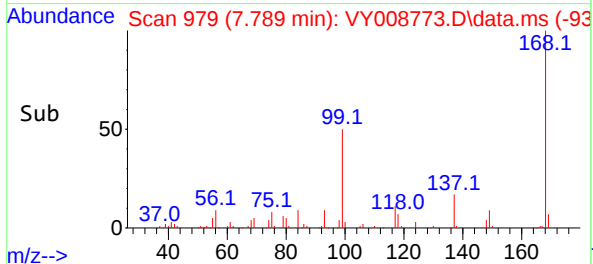
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



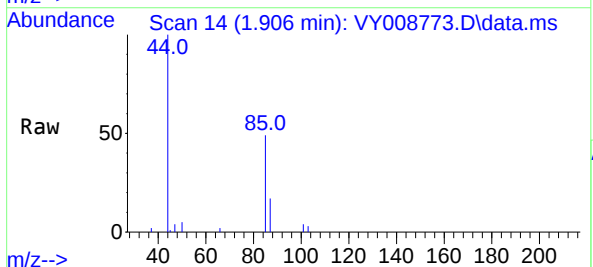
Tgt Ion:168 Resp: 7245
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3

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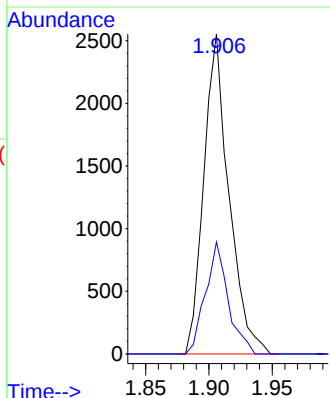
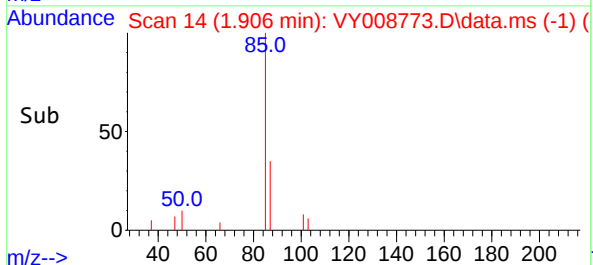
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

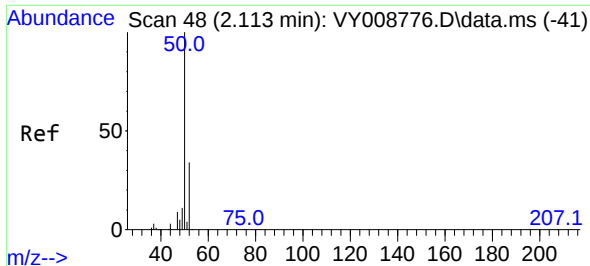


#2
Dichlorodifluoromethane
Concen: 6.015 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



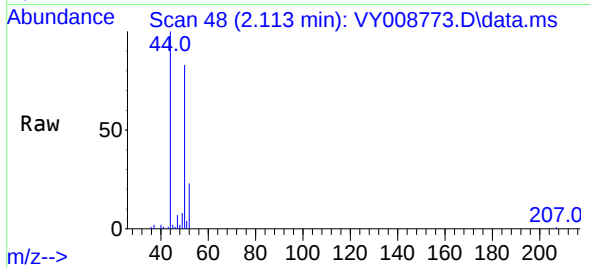
Tgt Ion: 85 Resp: 3525
Ion Ratio Lower Upper
85 100
87 35.0 16.1 48.2





#3
Chloromethane
Concen: 7.303 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

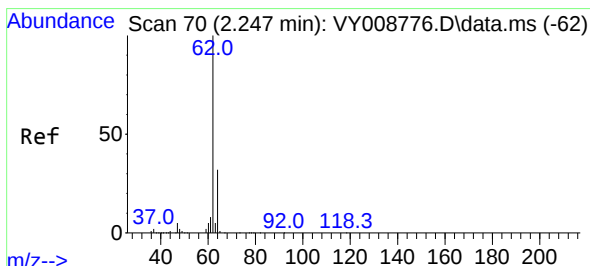
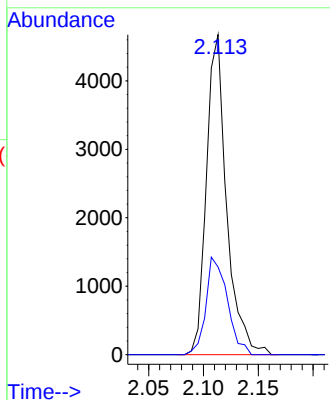
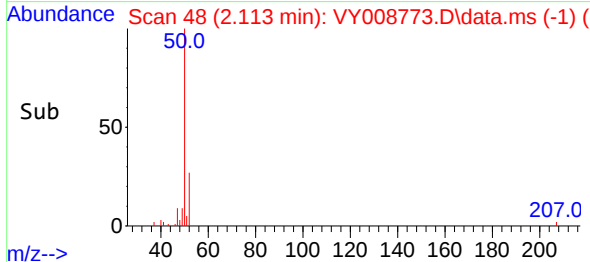
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 27.4 24.6 37.0

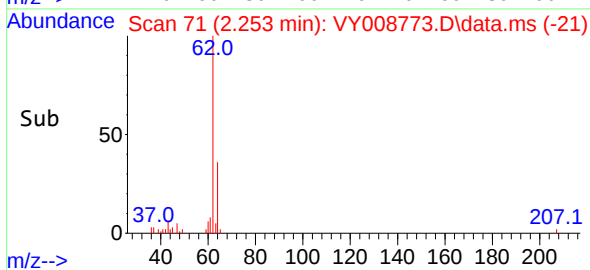
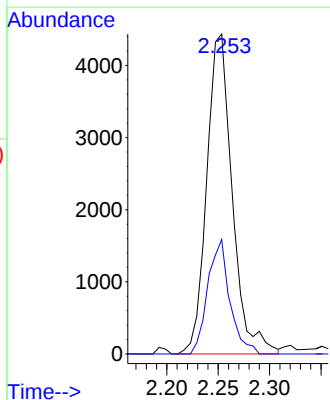
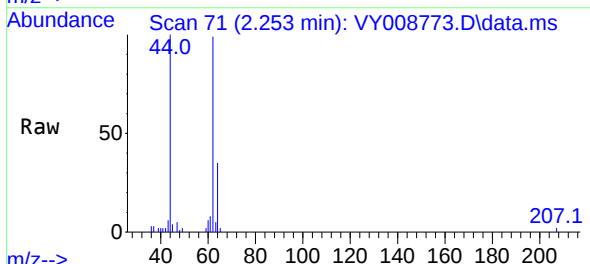
Manual Integrations
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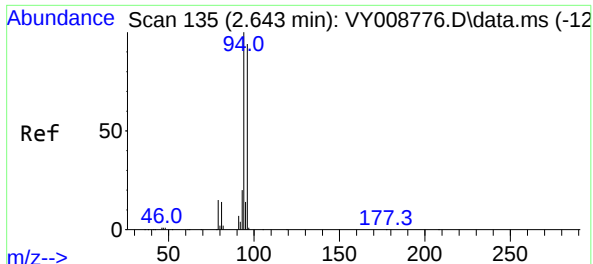
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 7.742 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 62 Resp: 7668
Ion Ratio Lower Upper
62 100
64 35.7 25.0 37.6





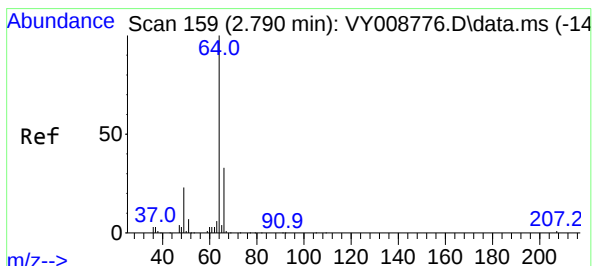
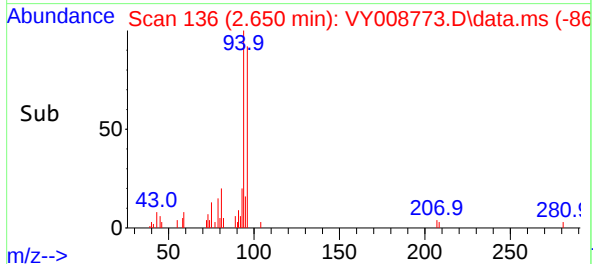
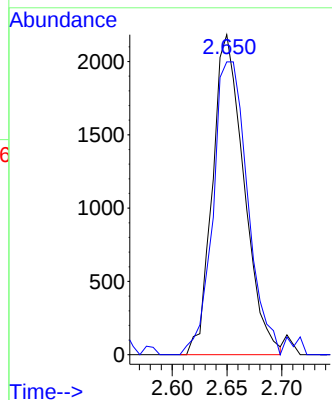
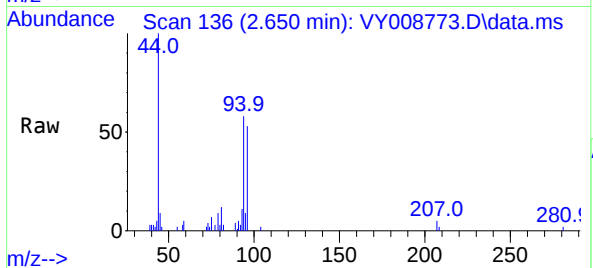
#5
Bromomethane
Concen: 5.717 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3

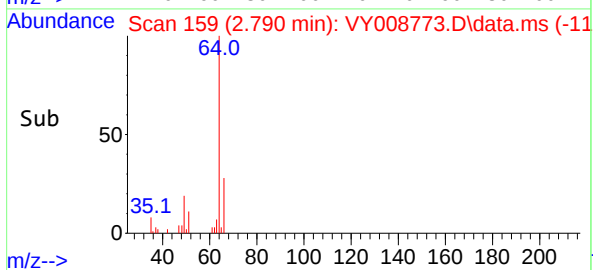
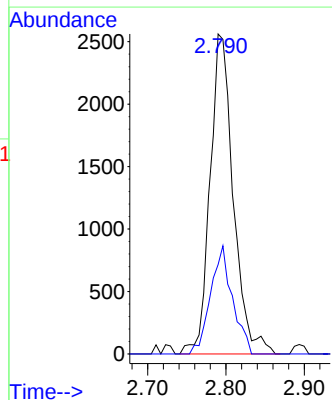
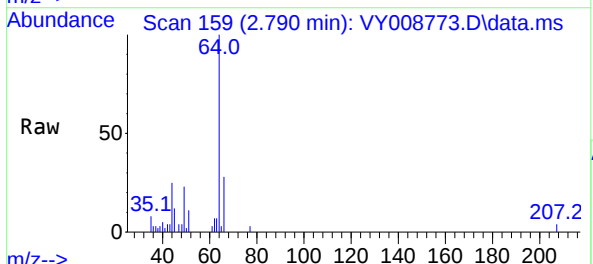
Manual Integrations
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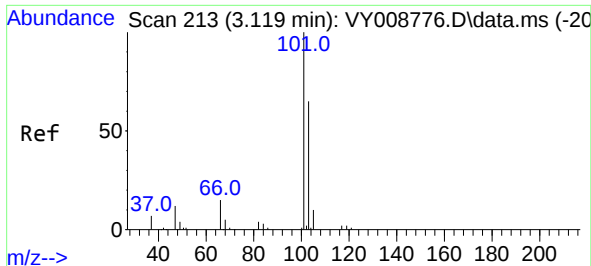
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 8.004 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 64 Resp: 5294
Ion Ratio Lower Upper
64 100
66 27.9 25.4 38.0





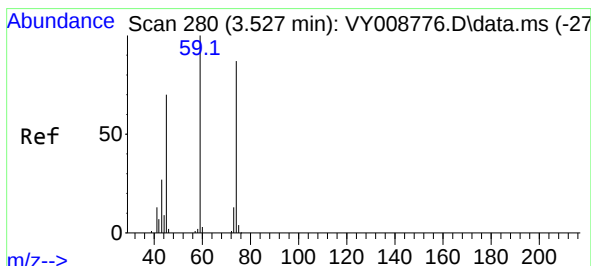
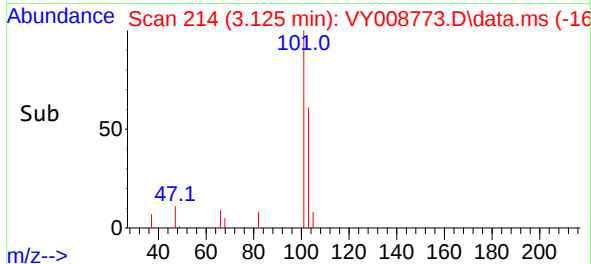
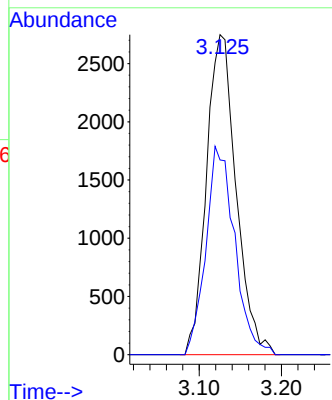
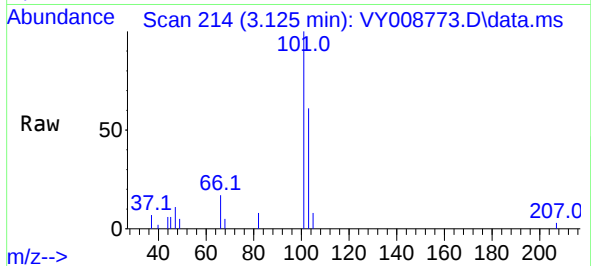
#7
Trichlorofluoromethane
Concen: 5.611 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 689
Ion Ratio Lower Upper
101 100
103 60.9 48.0 72.0

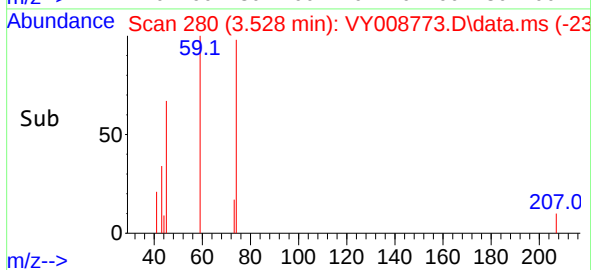
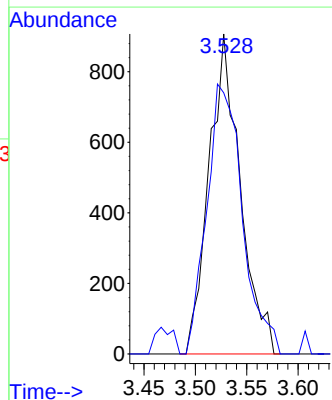
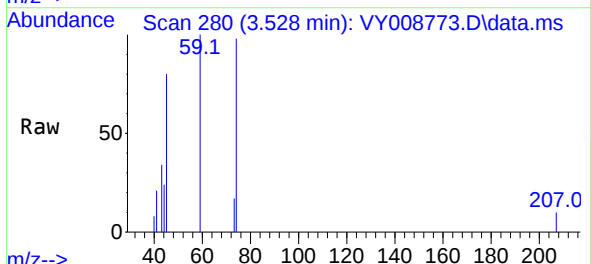
Manual Integrations
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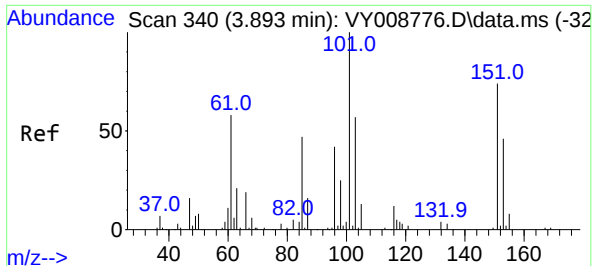
Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022



#8
Diethyl Ether
Concen: 4.442 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 74 Resp: 1916
Ion Ratio Lower Upper
74 100
45 96.3 55.1 165.5





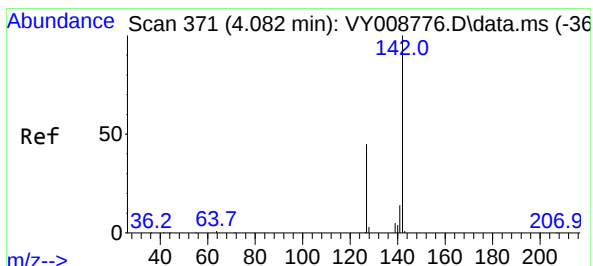
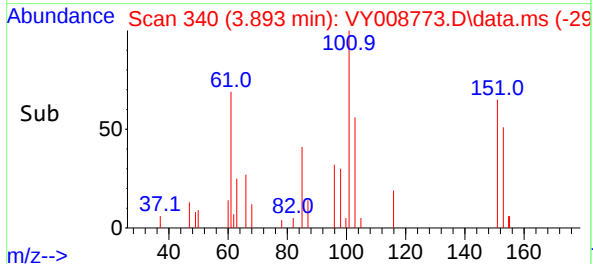
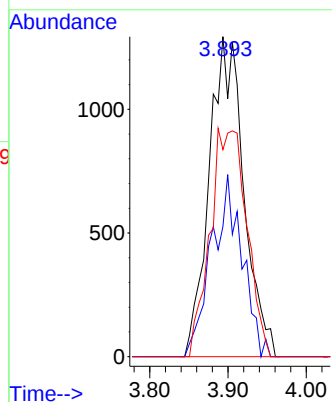
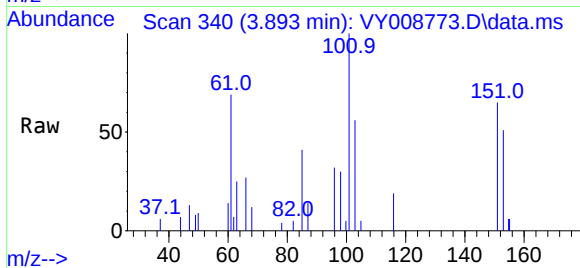
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.104 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3962
Ion Ratio Lower Upper
101 100
85 50.1 40.6 60.8
151 75.6 64.9 97.3

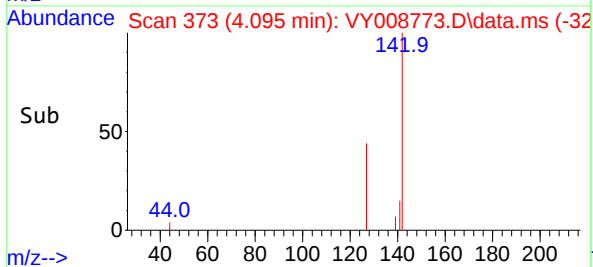
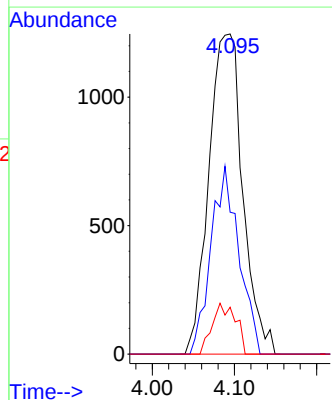
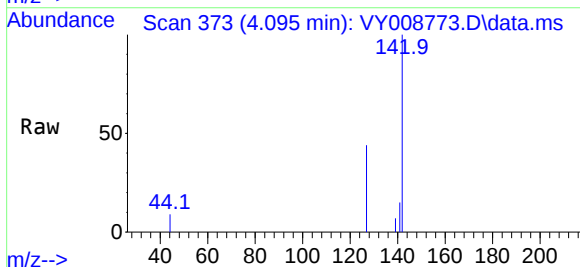
Manual Integrations
APPROVED

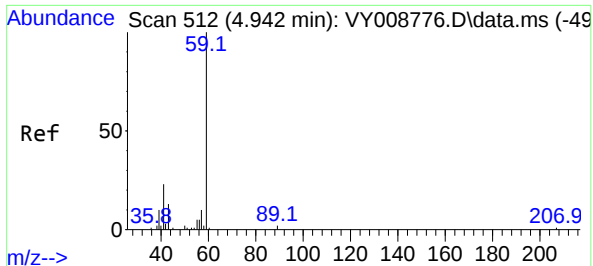
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 4.610 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

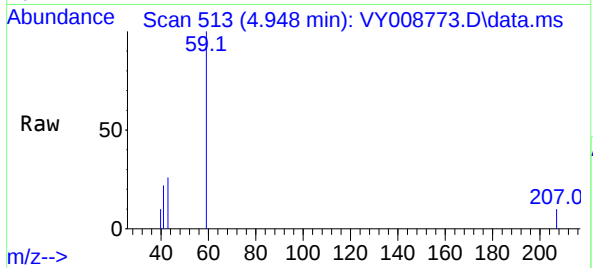
Tgt Ion:142 Resp: 3578
Ion Ratio Lower Upper
142 100
127 48.3 41.5 62.3
141 11.0 11.9 17.9#





#11
Tert butyl alcohol
Concen: 23.553 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

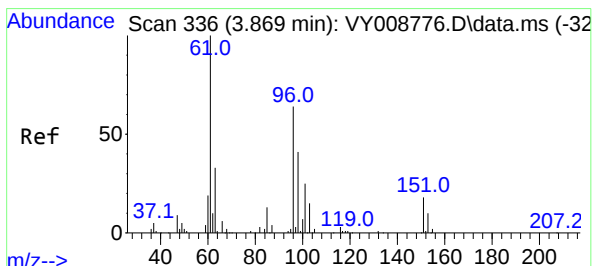
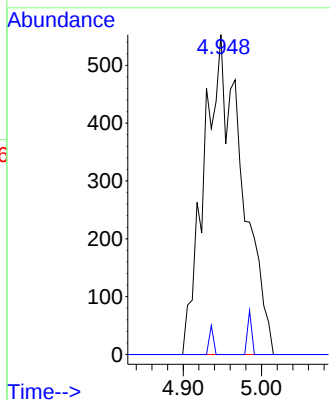
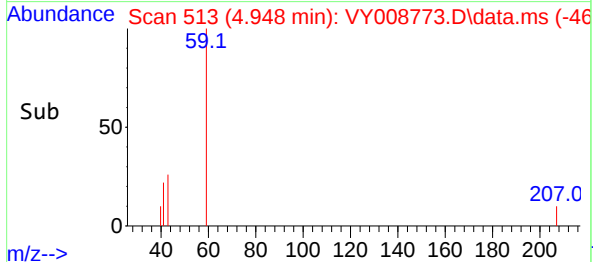
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



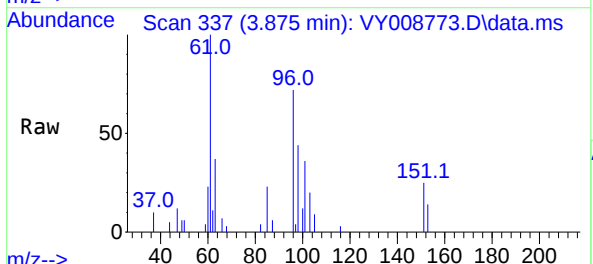
Tgt Ion: 59 Resp: 1859
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

Manual Integrations
APPROVED

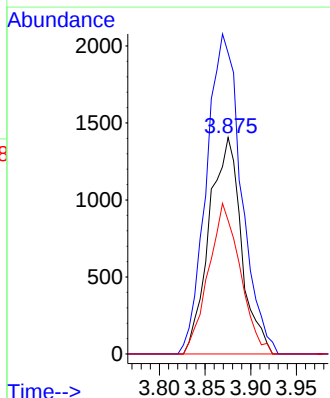
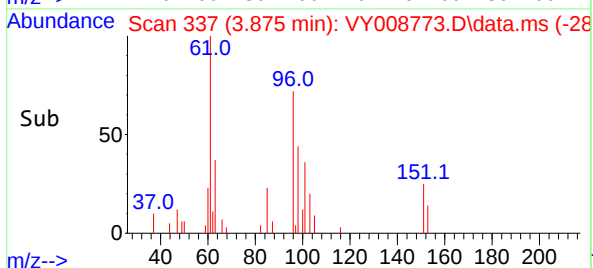
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

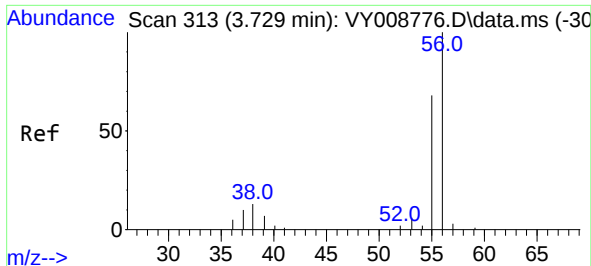


#12
1,1-Dichloroethene
Concen: 4.750 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion: 96 Resp: 3441
Ion Ratio Lower Upper
96 100
61 139.0 145.8 218.6#
98 61.7 52.5 78.7





#13

Acrolein

Concen: 16.498 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 1234

Ion Ratio Lower Upper

56 100

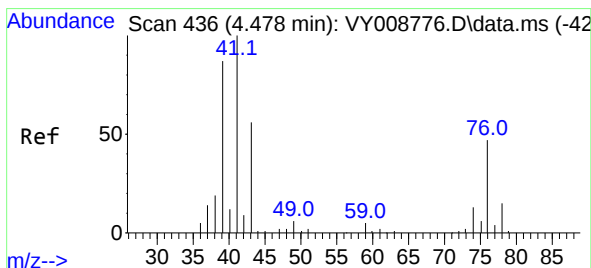
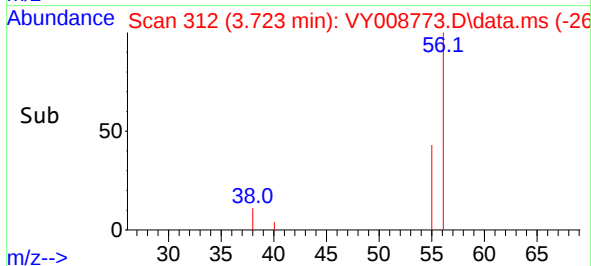
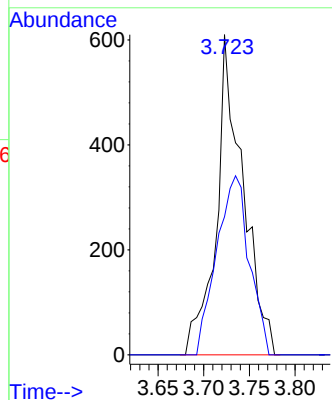
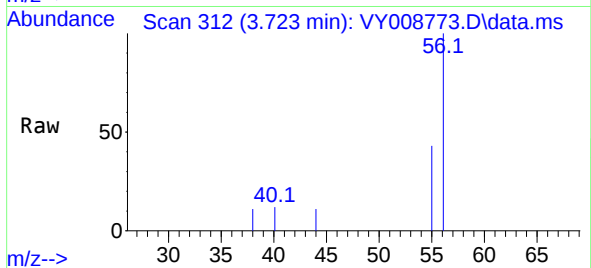
55 68.6 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#14

Allyl chloride

Concen: 4.230 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

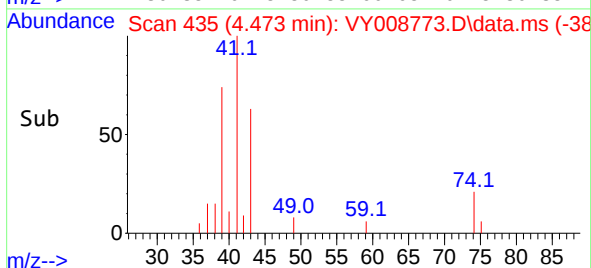
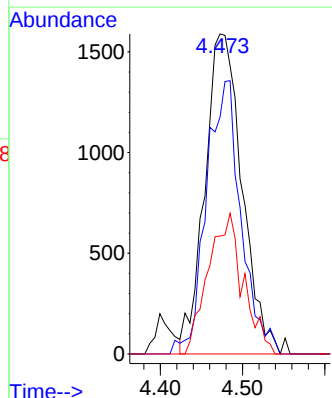
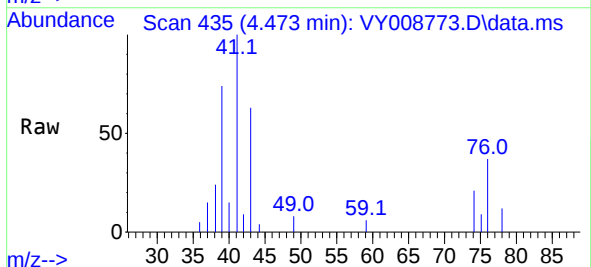
Tgt Ion: 41 Resp: 4989

Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

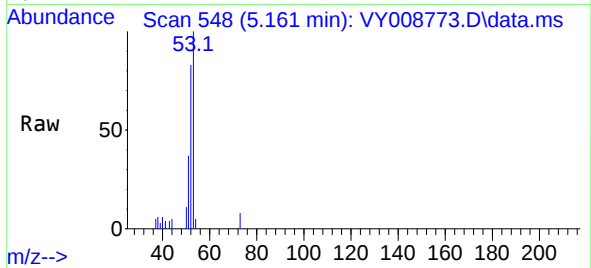
76 41.4 25.1 37.7#





#15
Acrylonitrile
Concen: 23.950 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

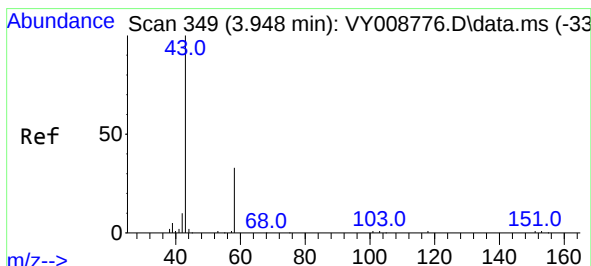
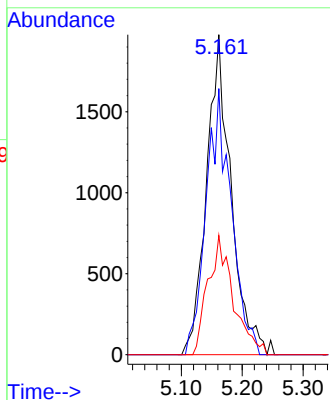
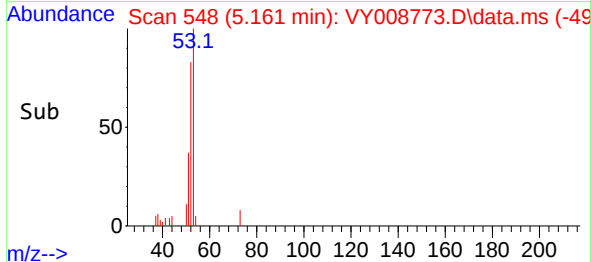
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 5542
Ion Ratio Lower Upper
53 100
52 85.1 67.0 100.4
51 38.5 29.8 44.6

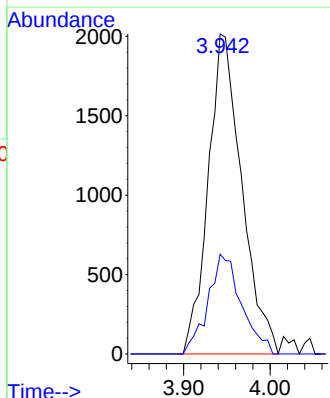
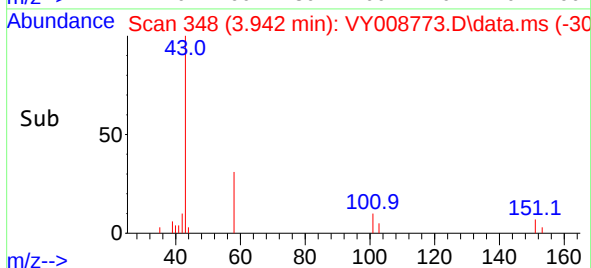
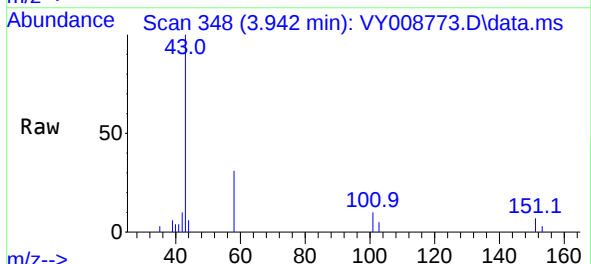
Manual Integrations
APPROVED

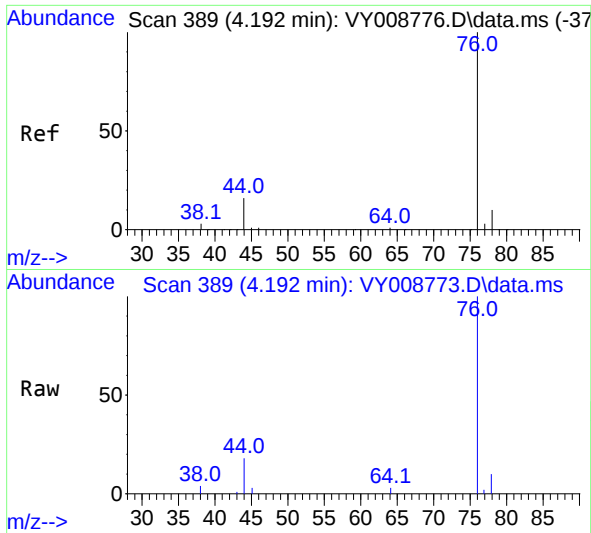
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 27.340 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 43 Resp: 5423
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17

Carbon Disulfide

Concen: 5.415 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1112

Ion Ratio Lower Upper

76 100

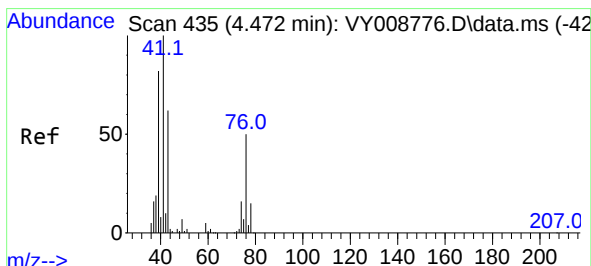
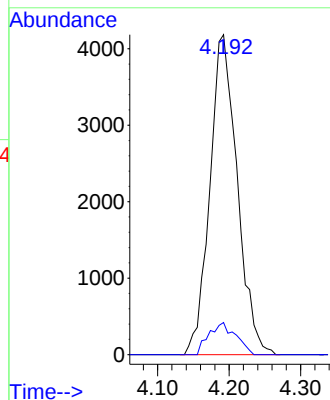
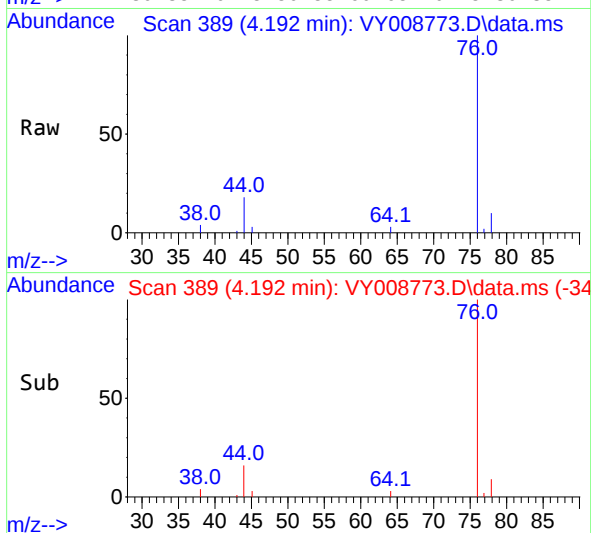
78 10.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#18

Methyl Acetate

Concen: 5.051 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY008773.D

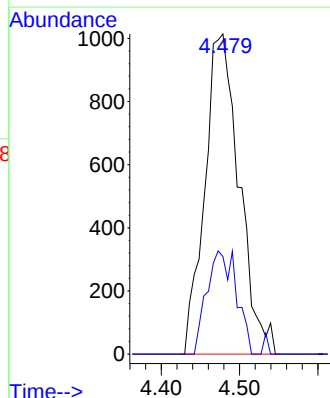
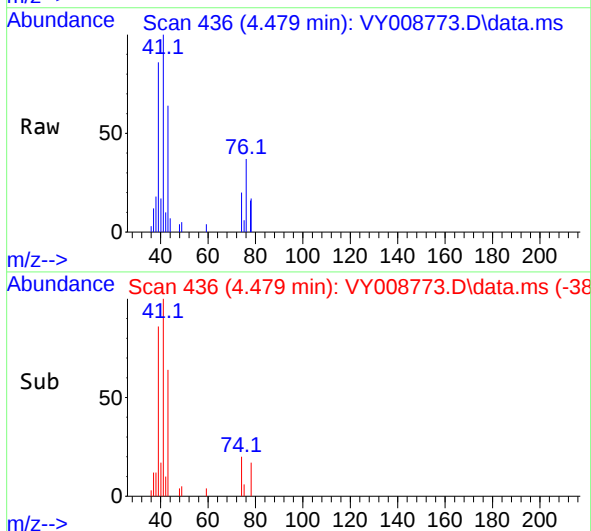
Acq: 17 May 2022 14:50

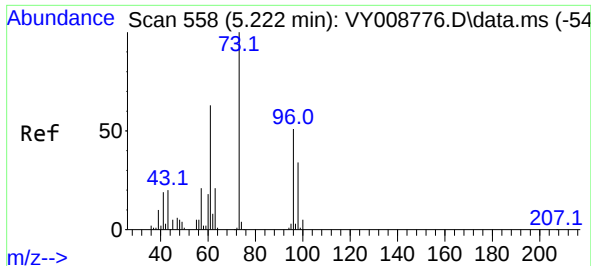
Tgt Ion: 43 Resp: 3099

Ion Ratio Lower Upper

43 100

74 27.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 3.763 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 821

Ion Ratio Lower Upper

73 100

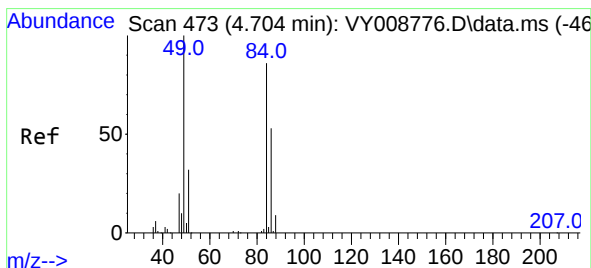
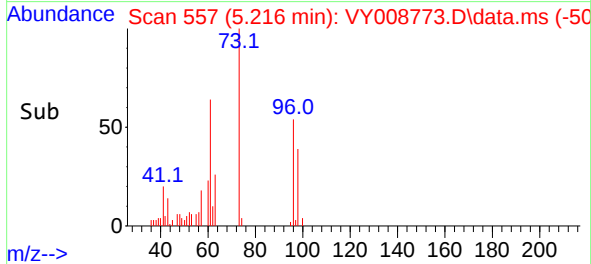
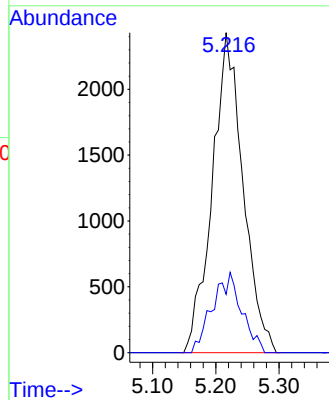
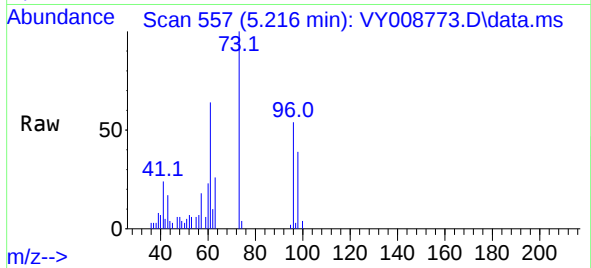
57 18.2 18.6 27.8

Manual Integrations

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Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#20

Methylene Chloride

Concen: 7.344 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Tgt Ion: 84 Resp: 6787

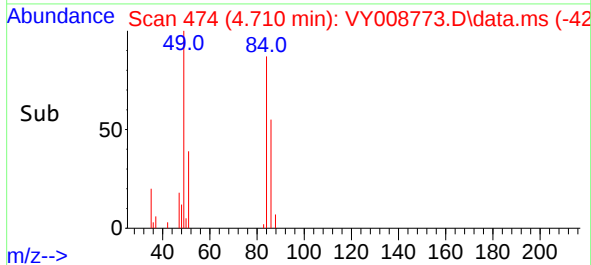
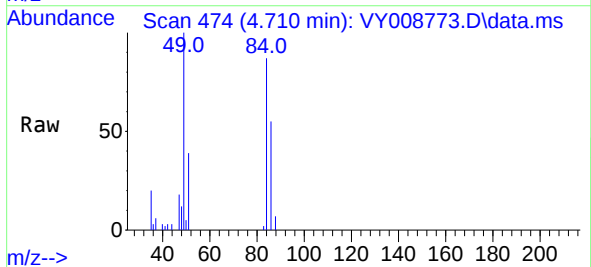
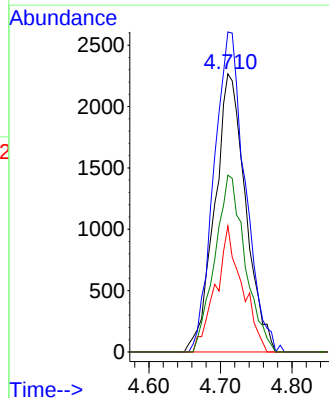
Ion Ratio Lower Upper

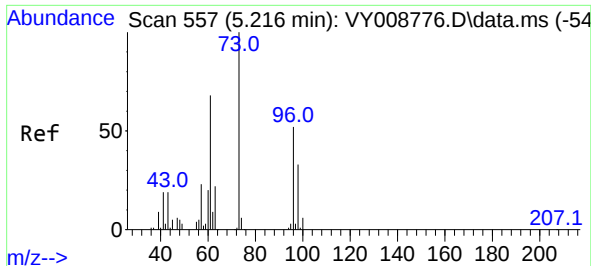
84 100

49 115.0 114.4 171.6

51 45.3 35.3 52.9

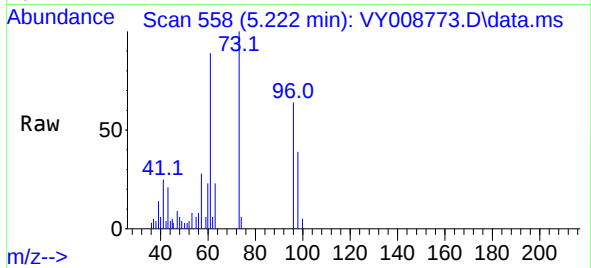
86 63.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.785 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

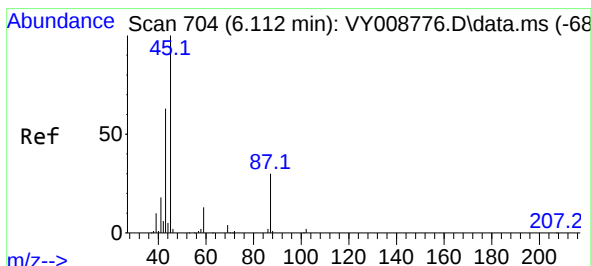
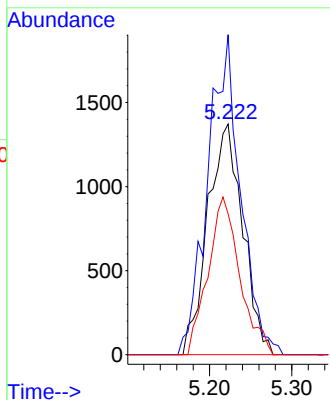
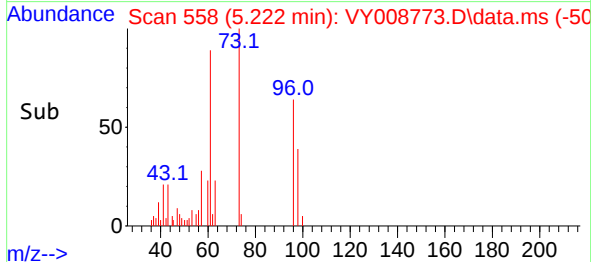
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



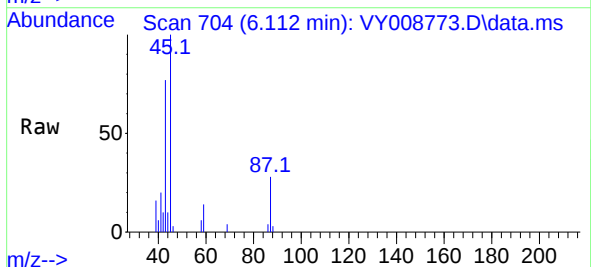
Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 138.8 120.5 180.7
98 61.1 49.8 74.8

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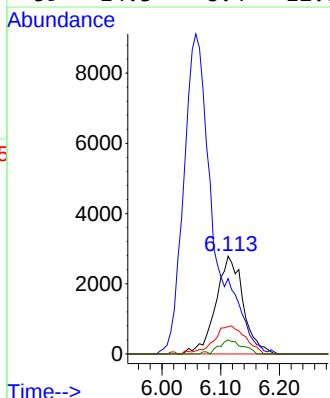
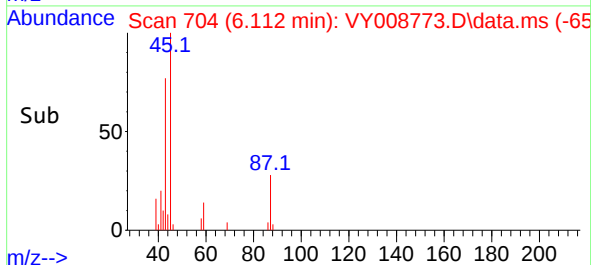
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

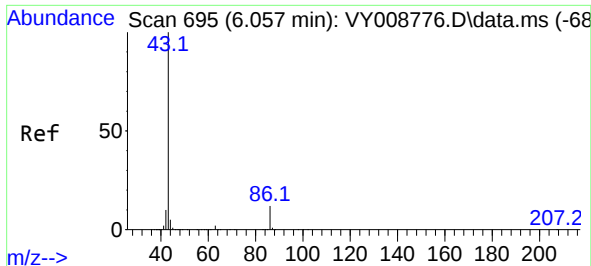


#22
Diisopropyl ether
Concen: 3.595 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion: 45 Resp: 8988
Ion Ratio Lower Upper
45 100
43 77.0 49.3 73.9#
87 28.1 19.2 28.8
59 14.3 8.4 12.6#





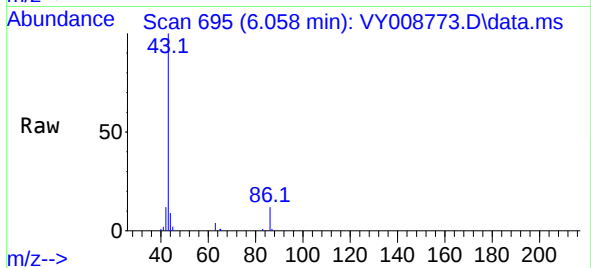
#23
 Vinyl Acetate
 Concen: 20.140 ug/l
 RT: 6.058 min Scan# 6194
 Delta R.T. 0.000 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

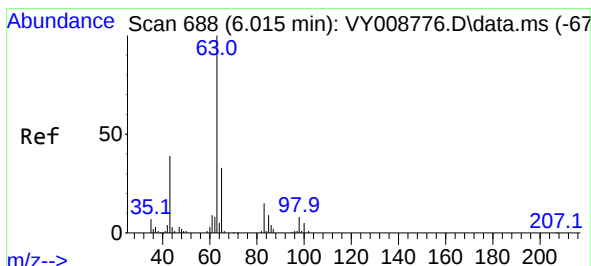
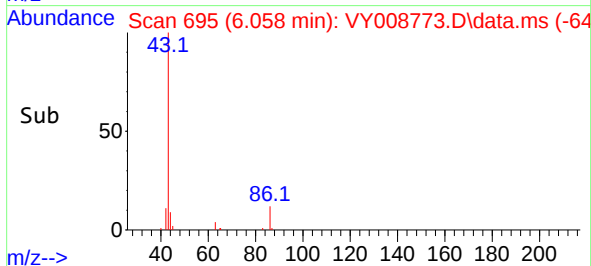
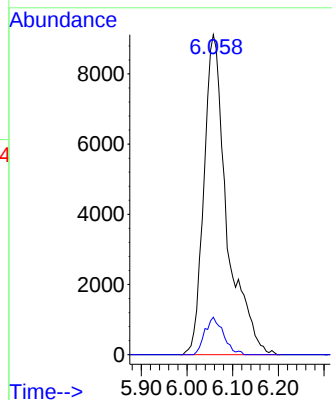


Tgt Ion: 43 Resp: 31949
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations

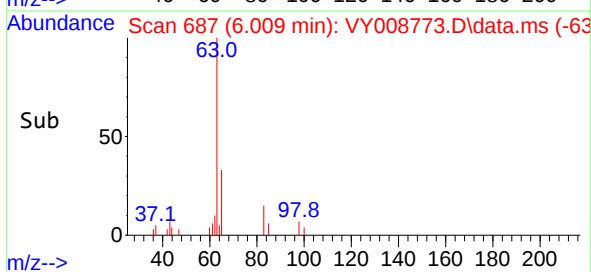
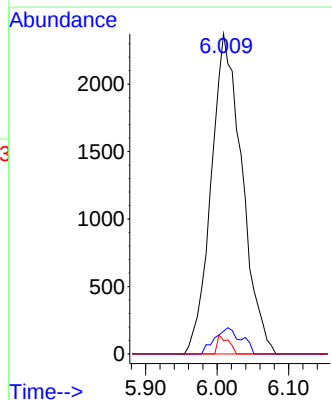
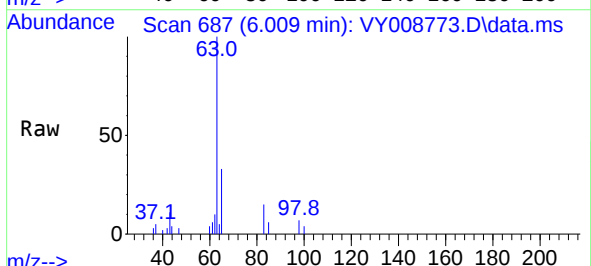
APPROVED

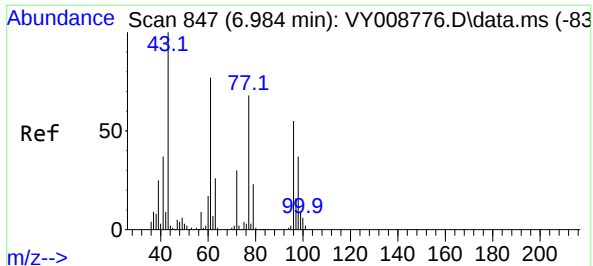
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#24
 1,1-Dichloroethane
 Concen: 4.790 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50

Tgt Ion: 63 Resp: 7108
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 22.892 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

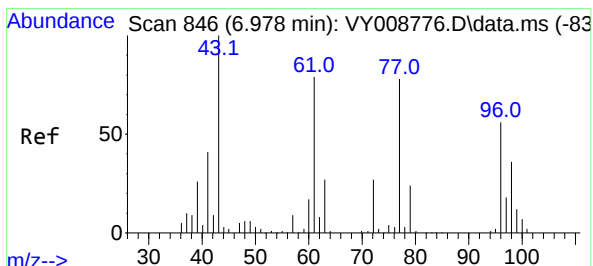
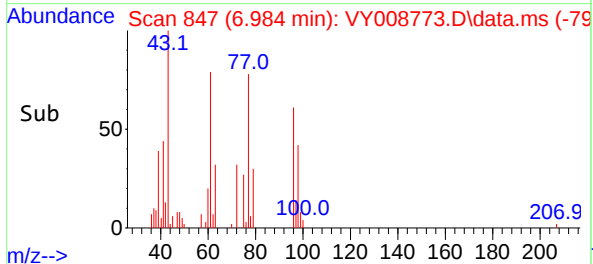
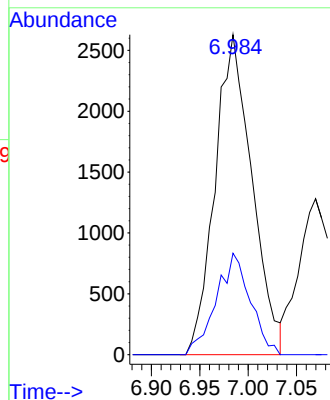
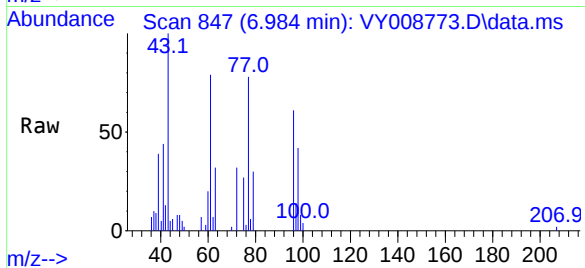
72 31.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#26

2,2-Dichloropropane

Concen: 4.677 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY008773.D

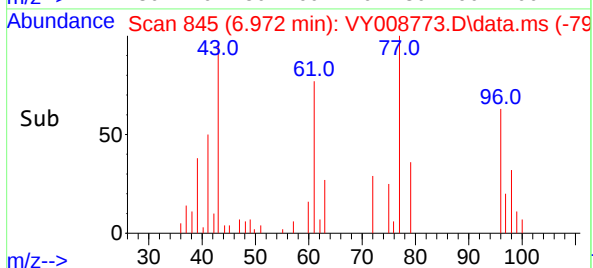
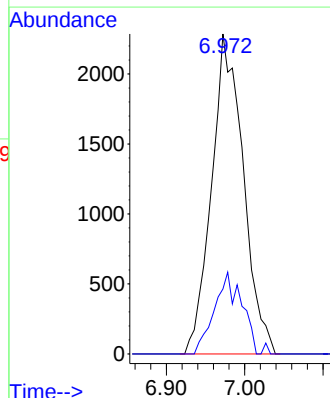
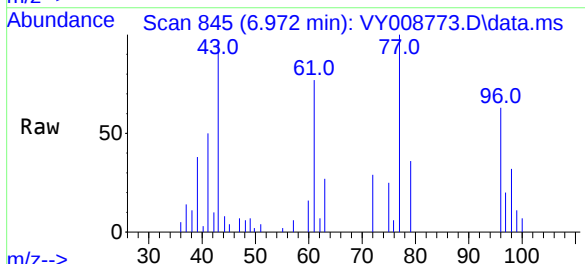
Acq: 17 May 2022 14:50

Tgt Ion: 77 Resp: 6417

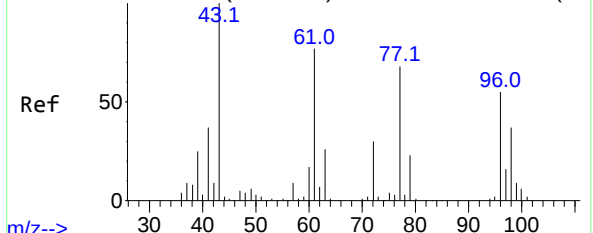
Ion Ratio Lower Upper

77 100

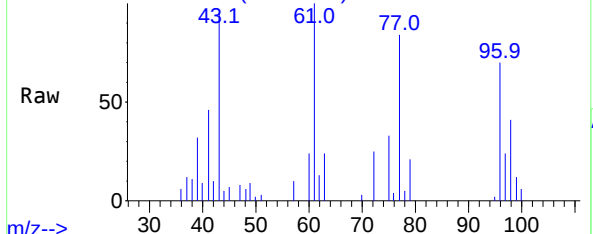
97 21.9 10.4 31.4



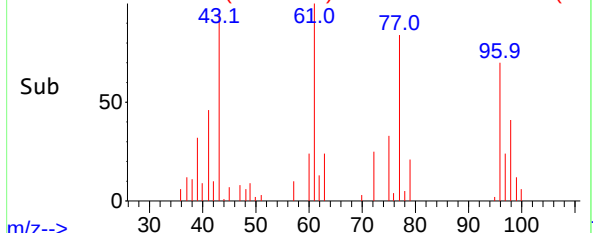
Abundance Scan 847 (6.984 min): VY008776.D\data.ms (-83



m/z--> Scan 846 (6.978 min): VY008773.D\data.ms

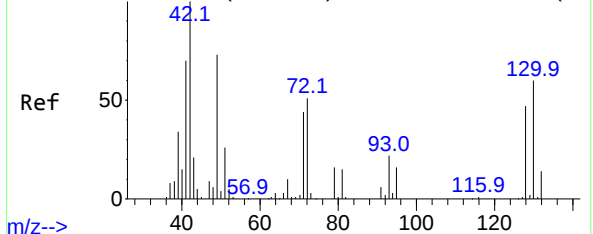


Abundance Scan 846 (6.978 min): VY008773.D\data.ms (-79

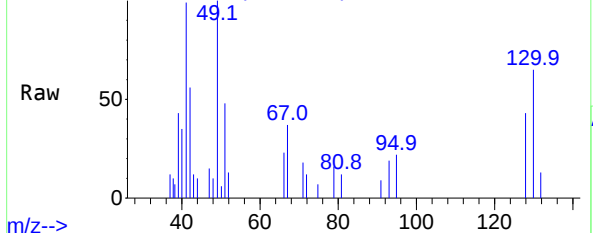


m/z-->

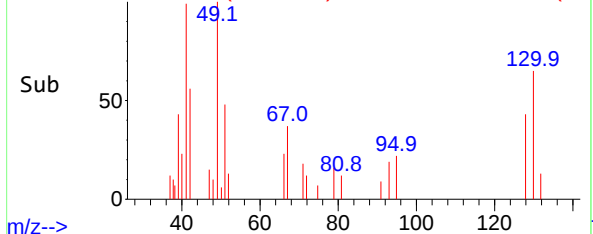
Abundance Scan 904 (7.332 min): VY008776.D\data.ms (-89



m/z--> Scan 902 (7.320 min): VY008773.D\data.ms



Abundance Scan 902 (7.320 min): VY008773.D\data.ms (-85



m/z-->

#27

cis-1,2-Dichloroethene

Concen: 4.436 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Tgt Ion: 96 Resp: 428

Ion Ratio Lower Upper

96 100

61 145.4 0.0 319.8

98 67.1 0.0 127.0

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

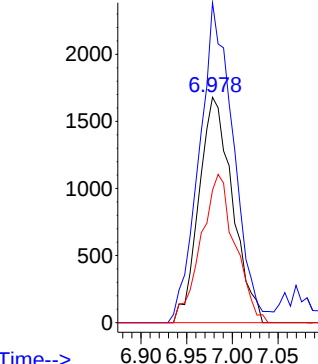
Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022

Abundance



Time-->

#28

Bromochloromethane

Concen: 4.289 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.012 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Tgt Ion: 49 Resp: 2480

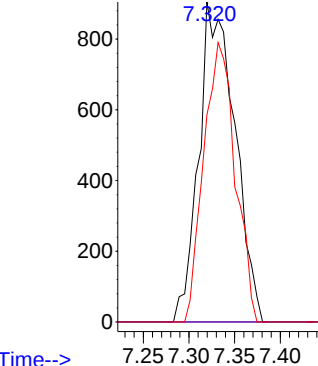
Ion Ratio Lower Upper

49 100

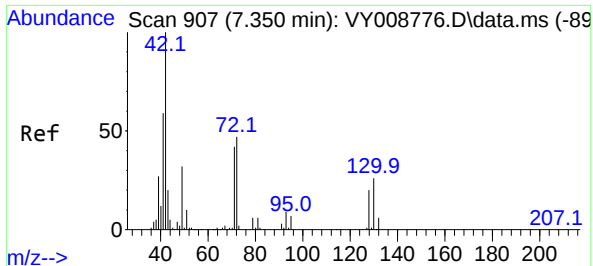
129 0.0 0.0 2.2

130 76.3 55.4 83.0

Abundance



Time-->



#29

Tetrahydrofuran

Concen: 23.256 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

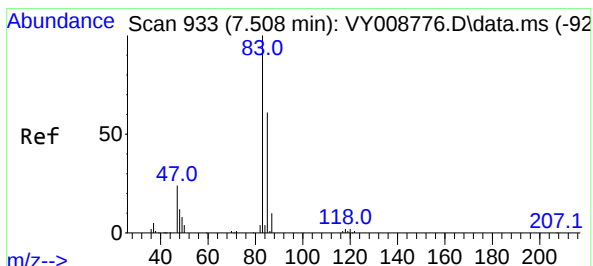
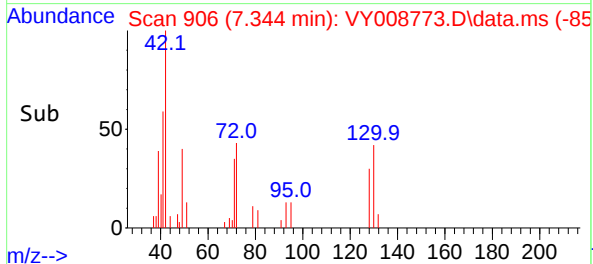
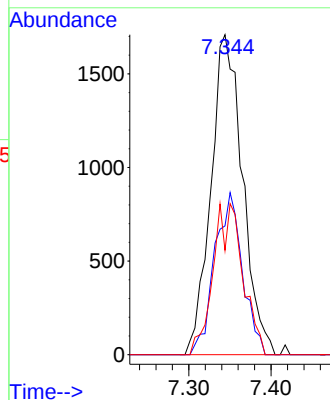
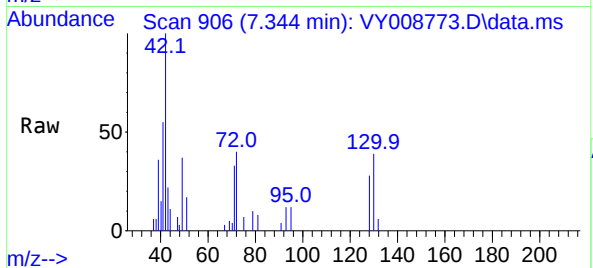
Tgt Ion:	42	Resp:	458
Ion	Ratio	Lower	Upper
42	100		
72	44.6	30.3	45.5
71	44.2	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#30

Chloroform

Concen: 4.840 ug/l

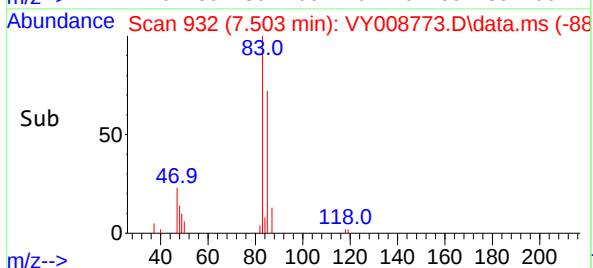
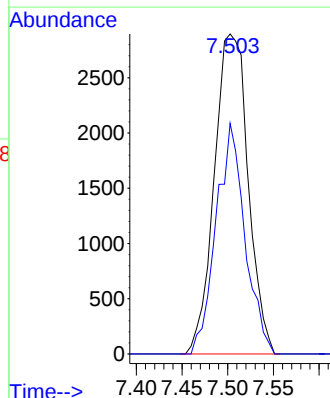
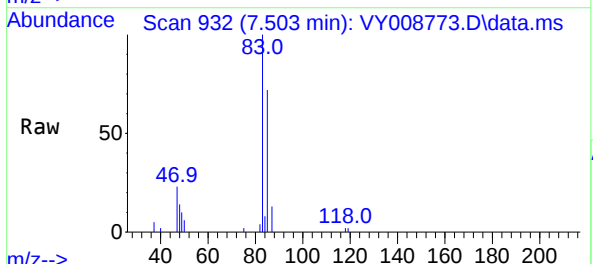
RT: 7.503 min Scan# 932

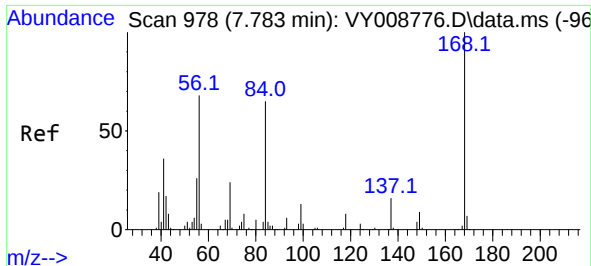
Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

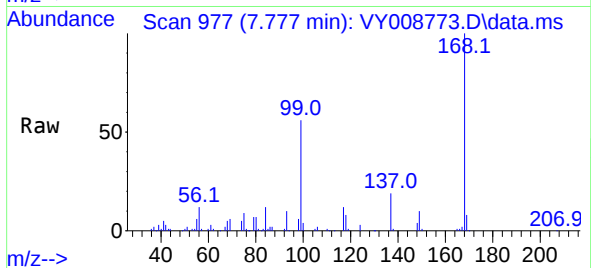
Tgt Ion:	83	Resp:	7463
Ion	Ratio	Lower	Upper
83	100		
85	72.0	51.8	77.6





#31
Cyclohexane
Concen: 5.220 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

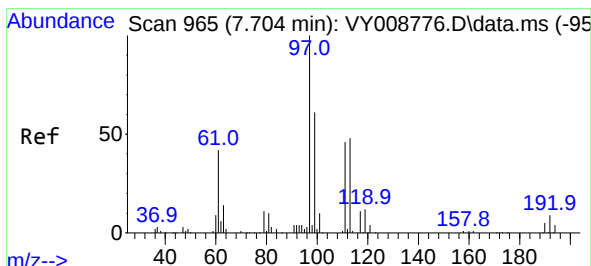
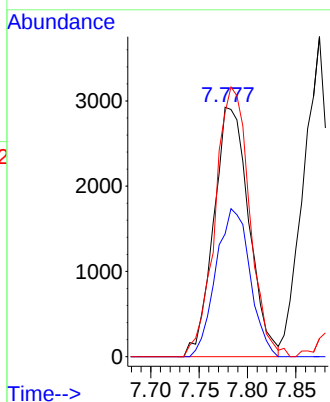
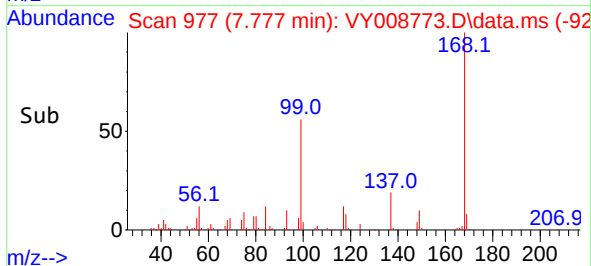
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



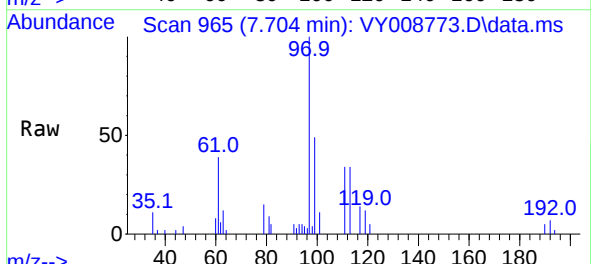
Tgt Ion: 56 Resp: 7428
Ion Ratio Lower Upper
56 100
69 49.2 26.7 40.1
84 97.9 67.2 100.8

Manual Integrations
APPROVED

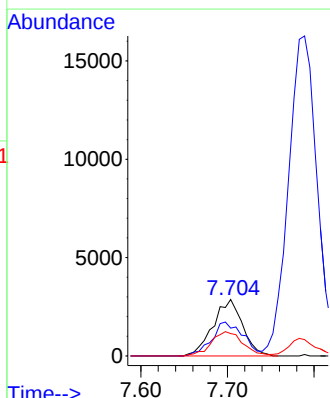
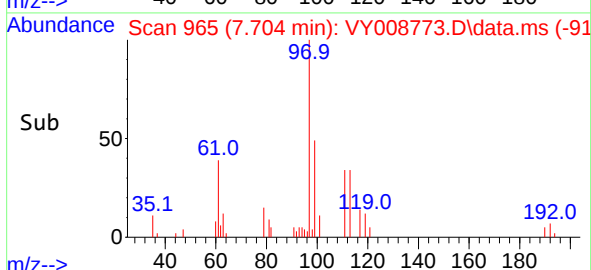
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

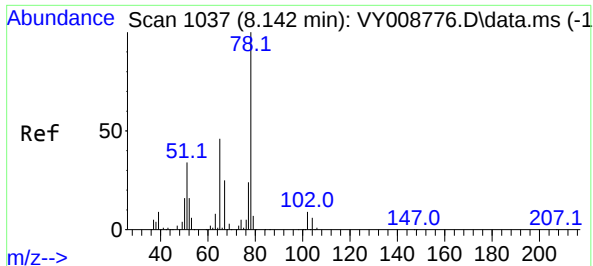


#32
1,1,1-Trichloroethane
Concen: 4.880 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion: 97 Resp: 6798
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 45.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 4.109 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 3270

Ion Ratio Lower Upper

65 100

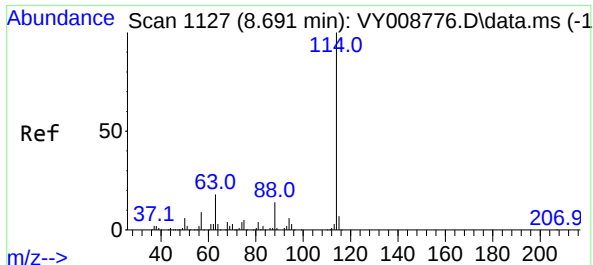
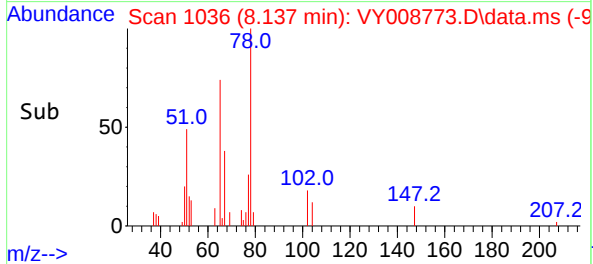
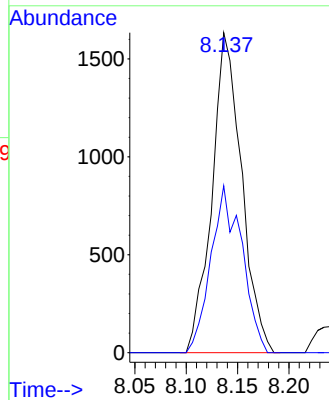
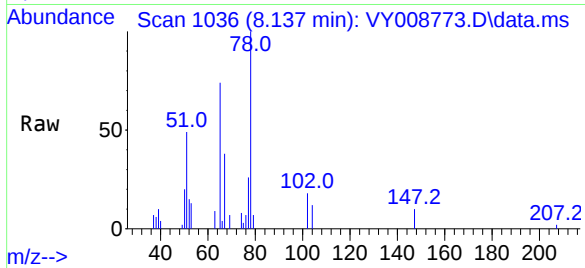
67 54.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

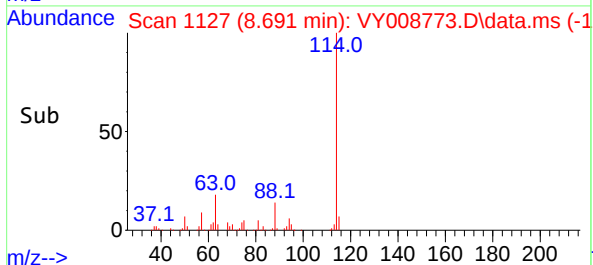
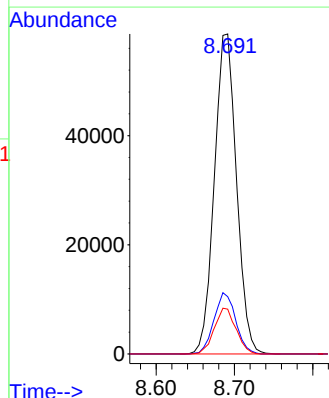
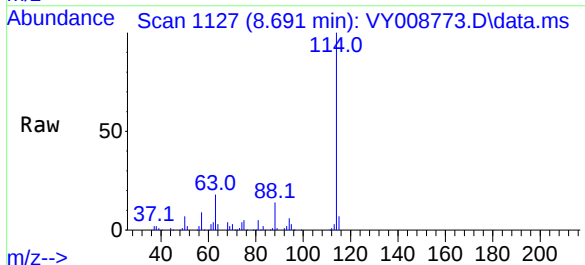
Tgt Ion:114 Resp: 115241

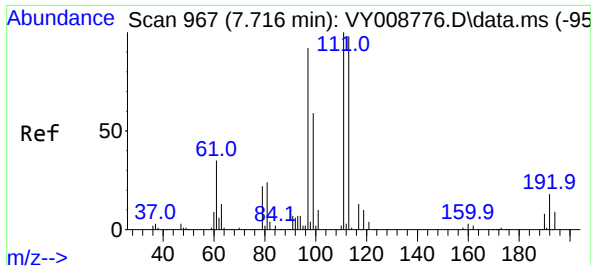
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.0 0.0 31.8





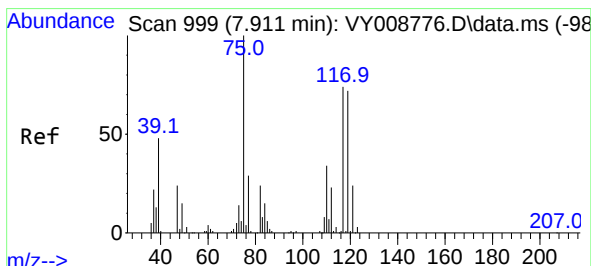
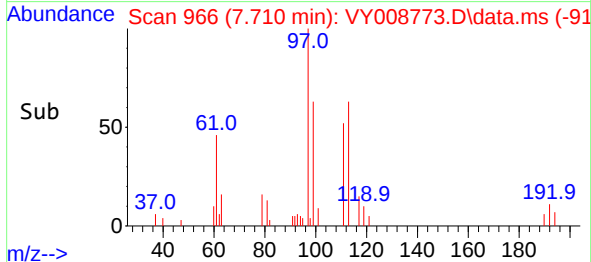
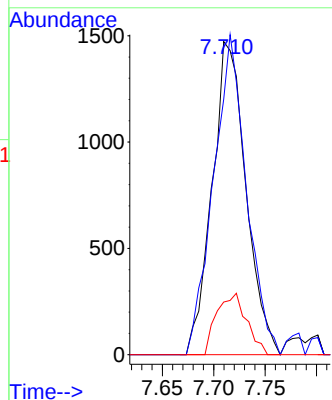
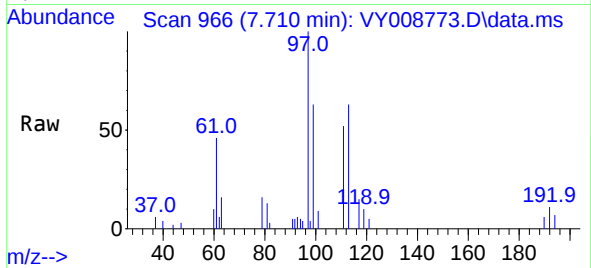
#35
Dibromofluoromethane
Concen: 4.740 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 337
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 17.3 17.6 26.4

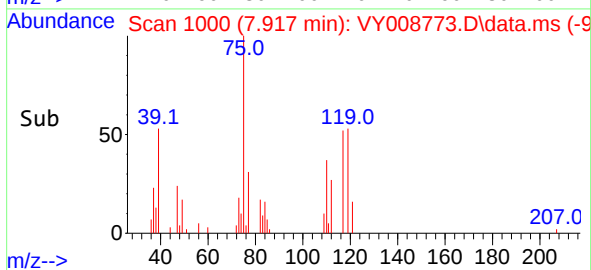
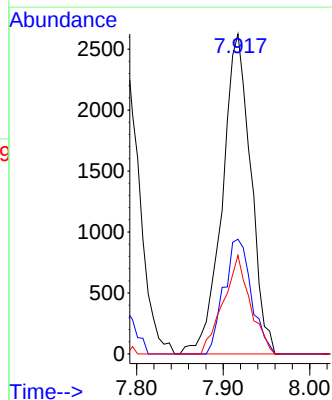
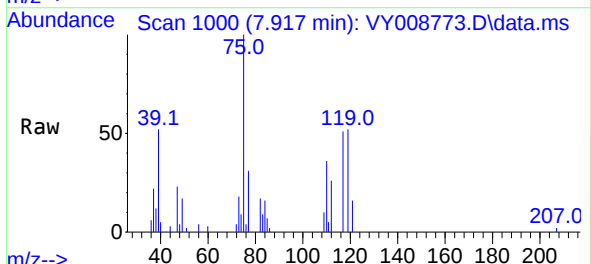
Manual Integrations
APPROVED

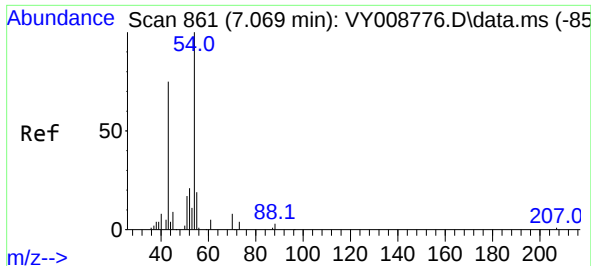
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#36
1,1-Dichloropropene
Concen: 5.462 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

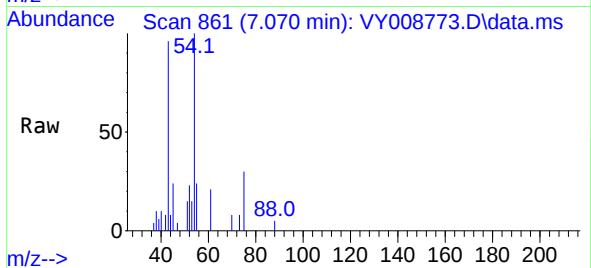
Tgt Ion: 75 Resp: 5988
Ion Ratio Lower Upper
75 100
110 34.5 17.1 51.2
77 29.1 24.4 36.6





#37
Ethyl Acetate
Concen: 5.698 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

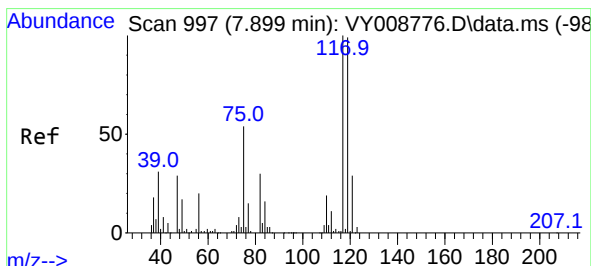
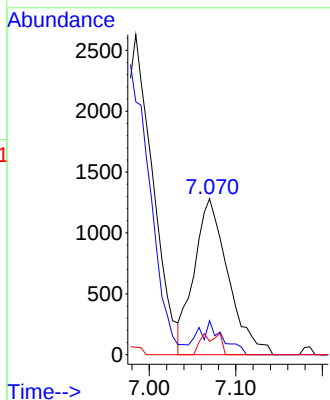
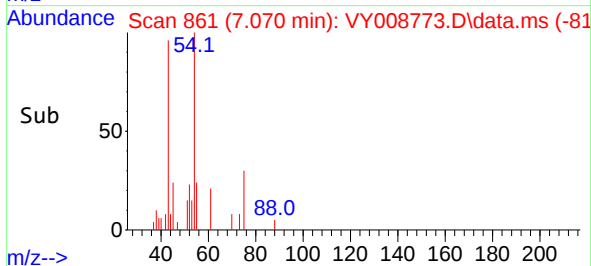
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



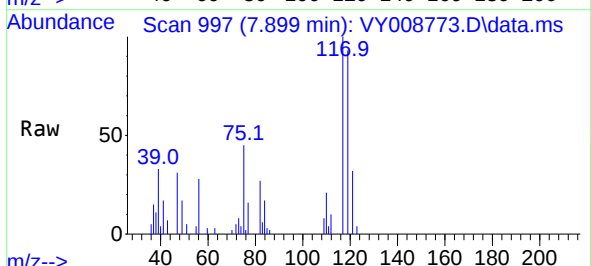
Tgt Ion: 43 Resp: 3490
Ion Ratio Lower Upper
43 100
61 15.0 9.7 14.5
70 7.3 7.1 10.7

Manual Integrations
APPROVED

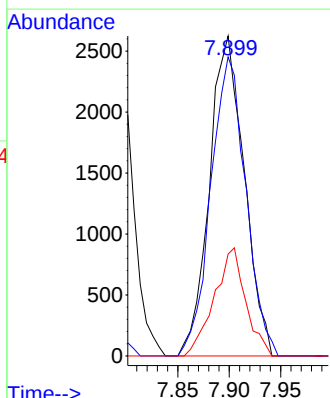
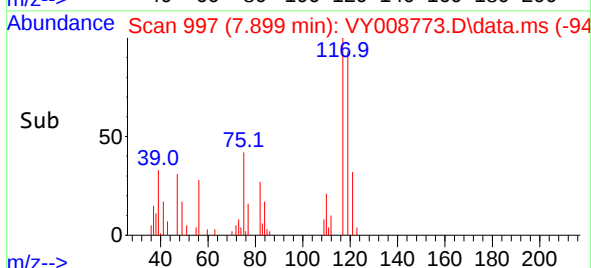
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

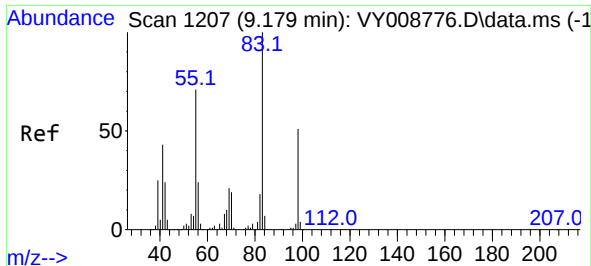


#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:117 Resp: 6173
Ion Ratio Lower Upper
117 100
119 93.4 77.9 116.9
121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 4.515 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 6410

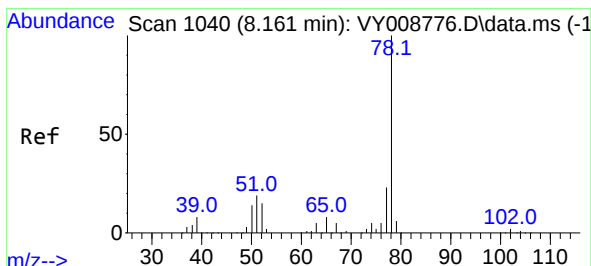
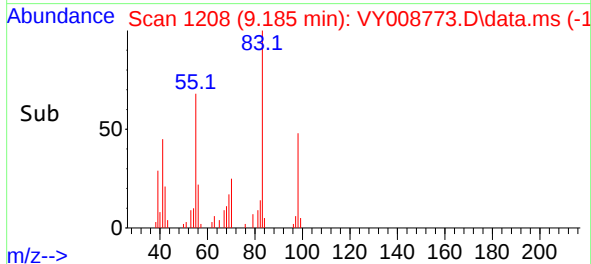
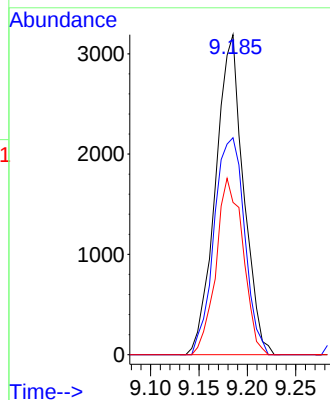
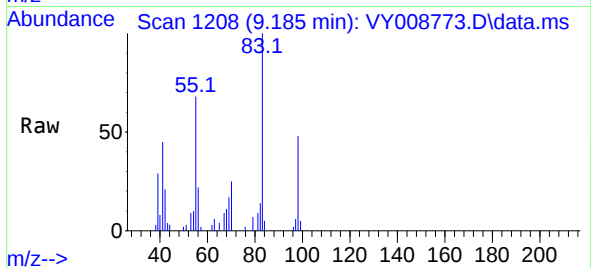
Ion	Ratio	Lower	Upper
83	100		
55	67.8	66.5	99.7
98	47.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 4.953 ug/l

RT: 8.161 min Scan# 1040

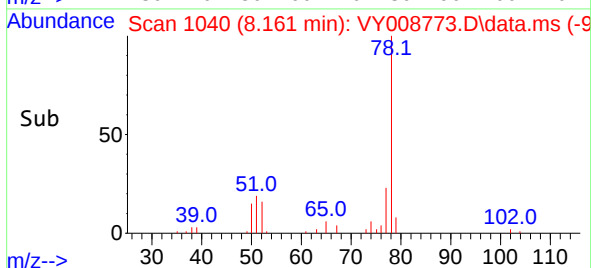
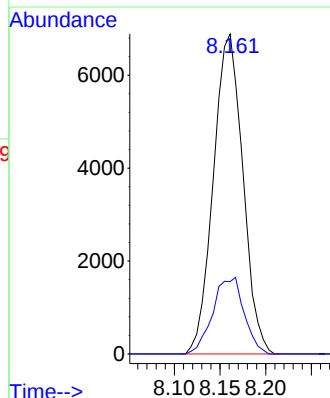
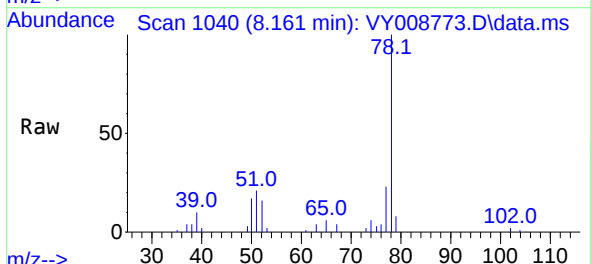
Delta R.T. 0.000 min

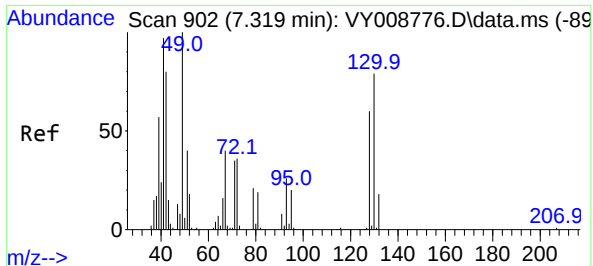
Lab File: VY008773.D

Acq: 17 May 2022 14:50

Tgt Ion: 78 Resp: 15438

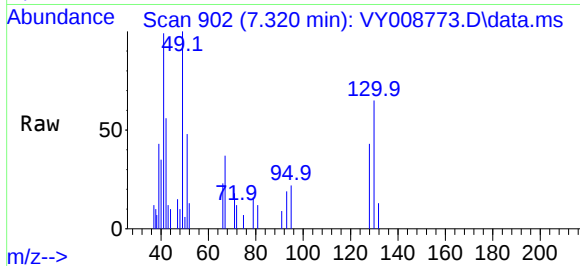
Ion	Ratio	Lower	Upper
78	100		
77	22.6	20.4	30.6





#41
Methacrylonitrile
Concen: 5.204 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

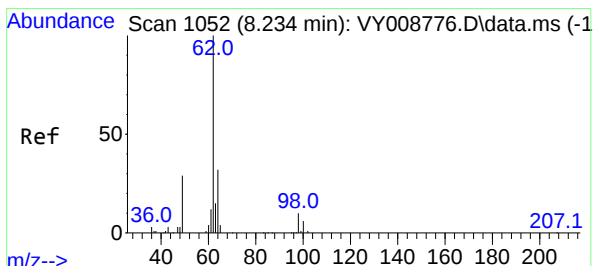
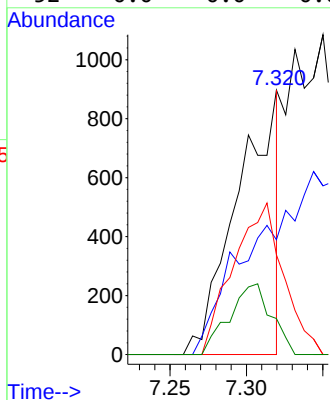
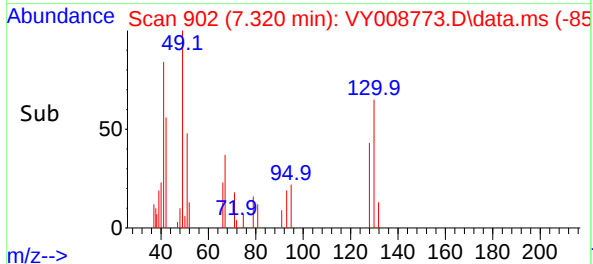
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 170
Ion Ratio Lower Upper
41 100
39 152.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

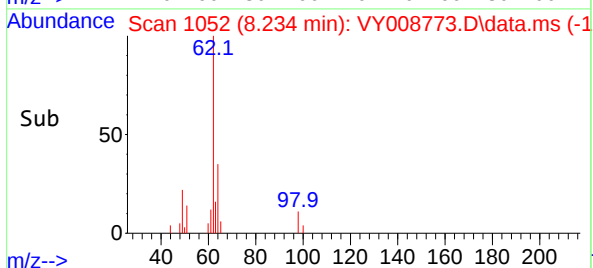
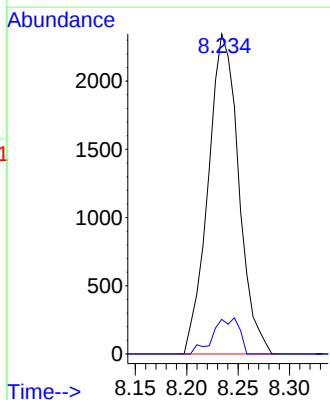
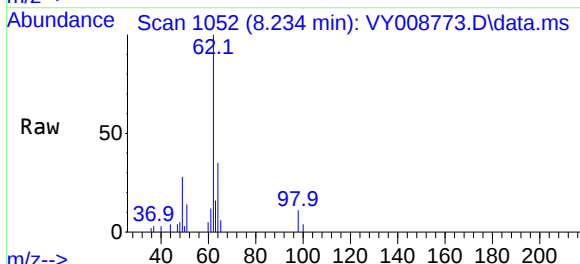
Manual Integrations
APPROVED

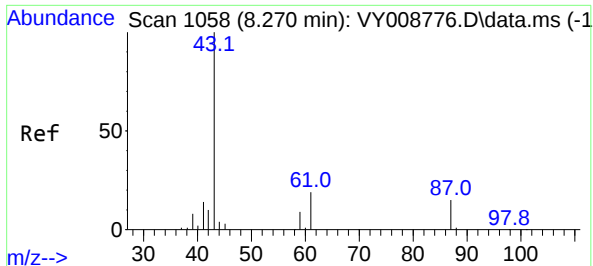
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 5.331 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

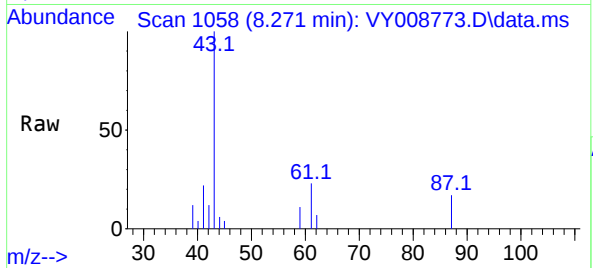
Tgt Ion: 62 Resp: 4864
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.412 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

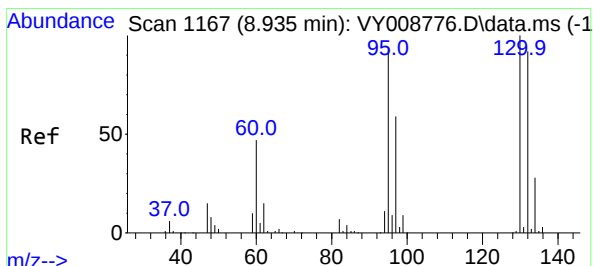
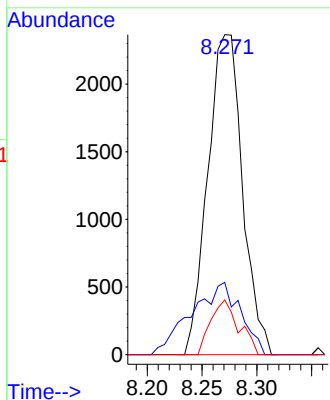
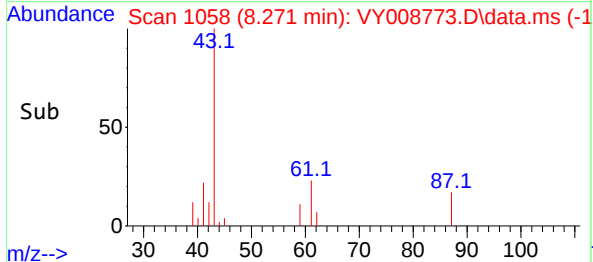
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



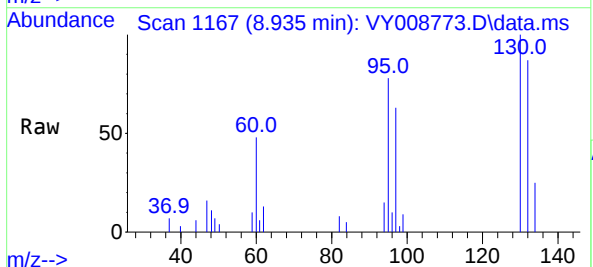
Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
61 32.1 20.2 30.2
87 13.8 8.9 13.3

Manual Integrations
APPROVED

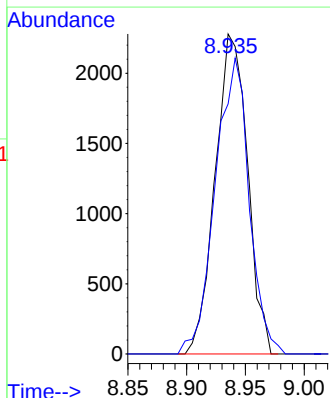
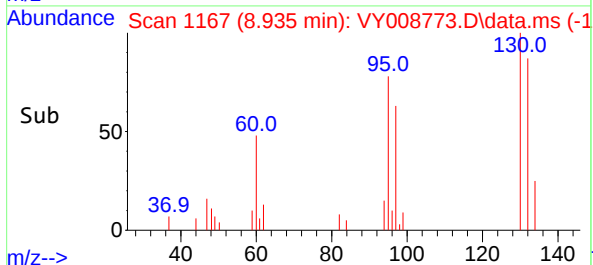
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

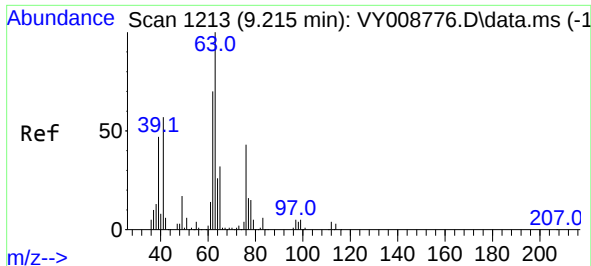


#44
Trichloroethene
Concen: 5.203 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:130 Resp: 4368
Ion Ratio Lower Upper
130 100
95 78.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.088 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 399

Ion Ratio Lower Upper

63 100

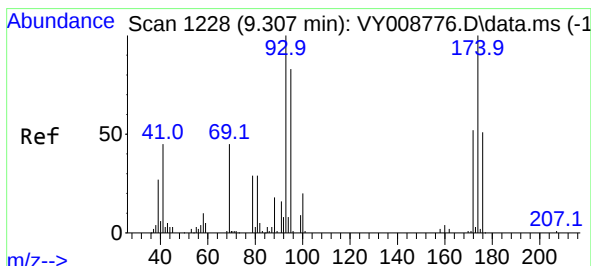
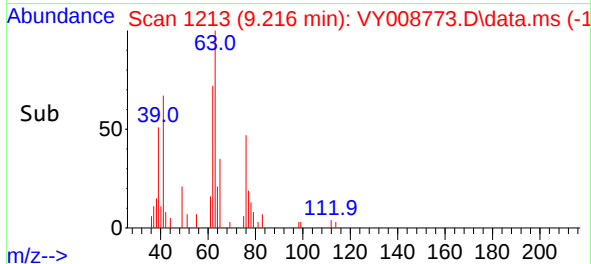
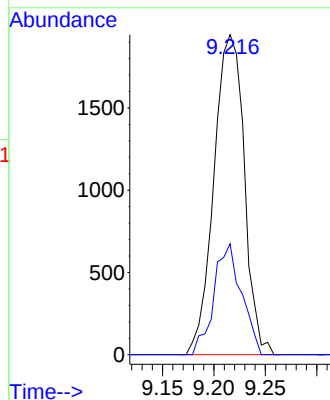
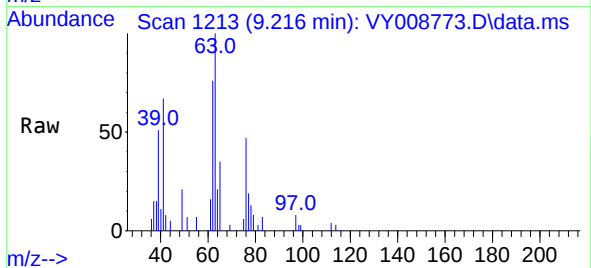
65 34.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 5.048 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

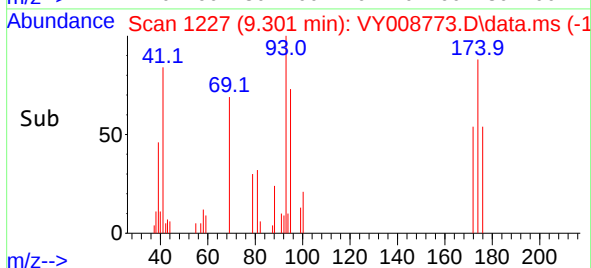
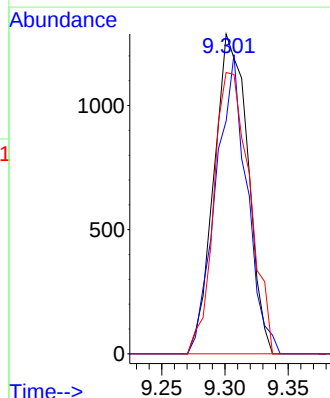
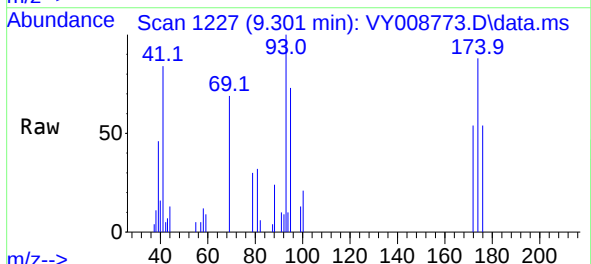
Tgt Ion: 93 Resp: 2394

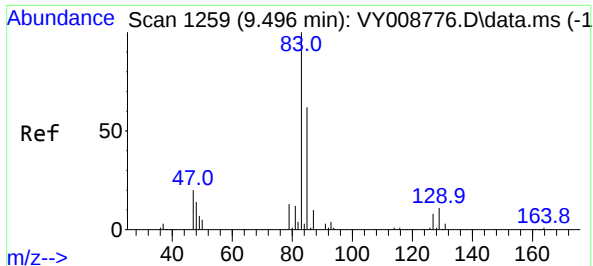
Ion Ratio Lower Upper

93 100

95 85.8 64.3 96.5

174 93.1 83.4 125.0





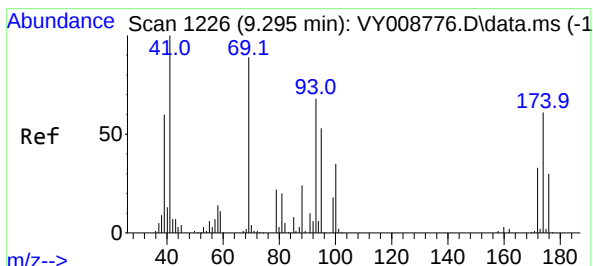
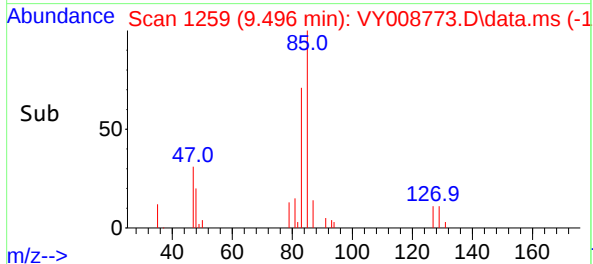
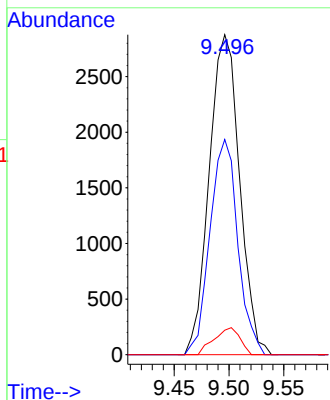
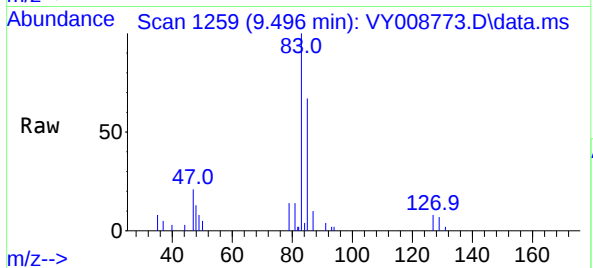
#47
Bromodichloromethane
Concen: 5.022 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 554
Ion Ratio Lower Upper
83 100
85 67.3 51.9 77.9
127 7.7 6.6 10.0

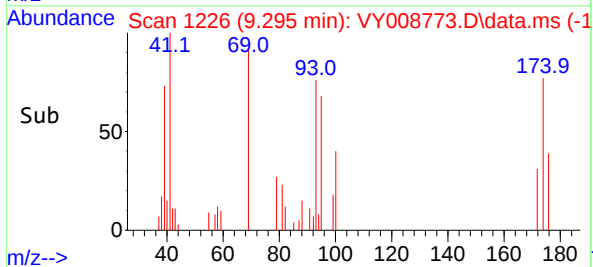
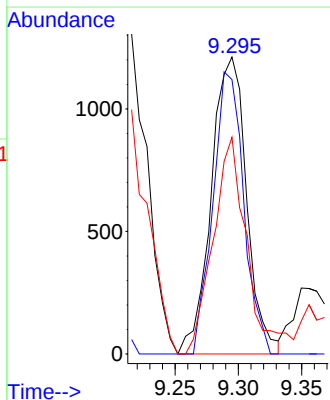
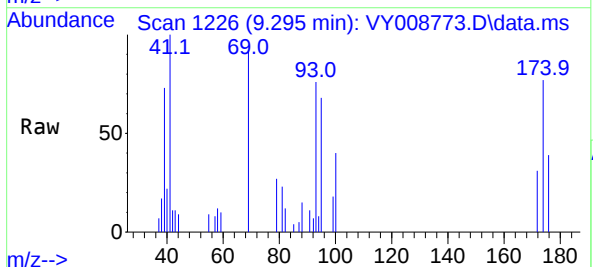
Manual Integrations
APPROVED

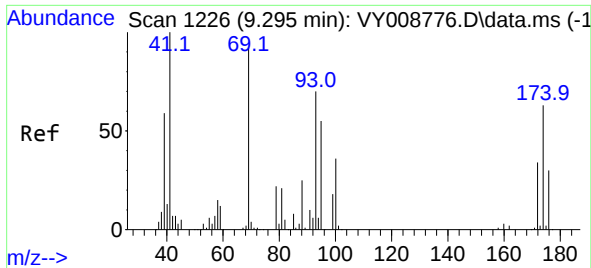
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 4.569 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

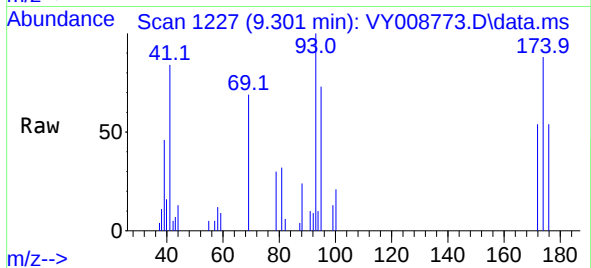
Tgt Ion: 41 Resp: 2352
Ion Ratio Lower Upper
41 100
69 82.8 58.2 87.2
39 70.3 47.4 71.0





#49
1,4-Dioxane
Concen: 92.662 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

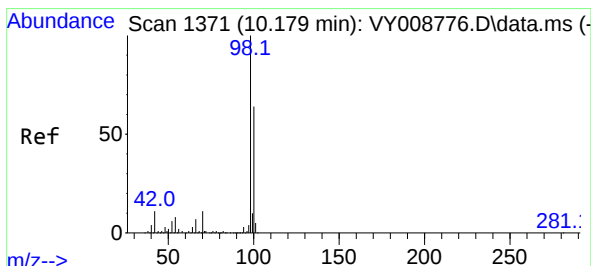
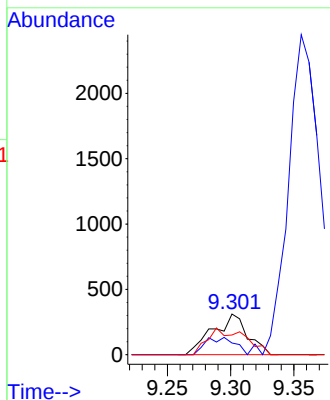
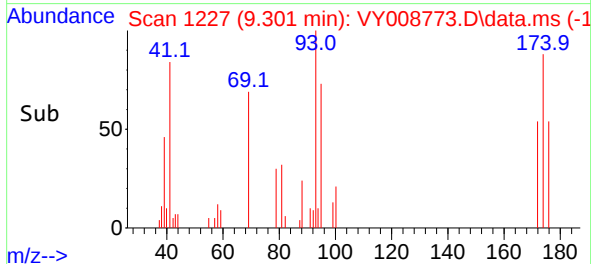
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 590
Ion Ratio Lower Upper
88 100
43 35.7 32.8 49.2
58 70.3 59.8 89.6

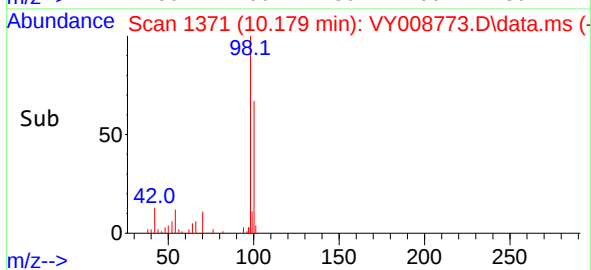
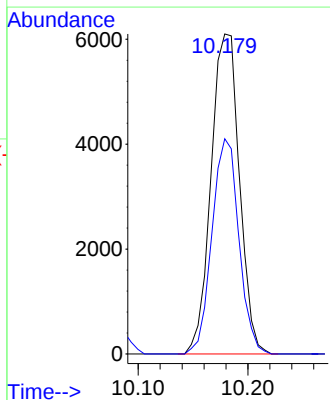
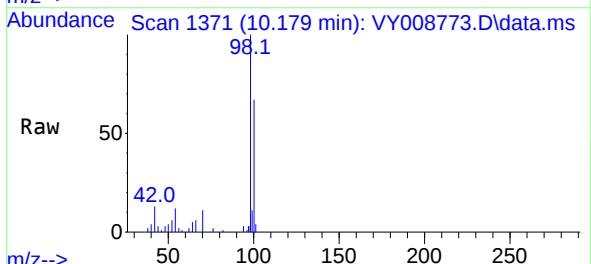
Manual Integrations
APPROVED

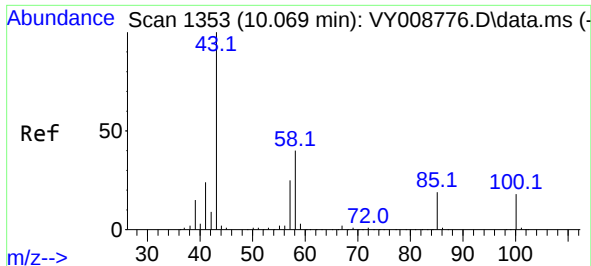
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 4.007 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 98 Resp: 10988
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2





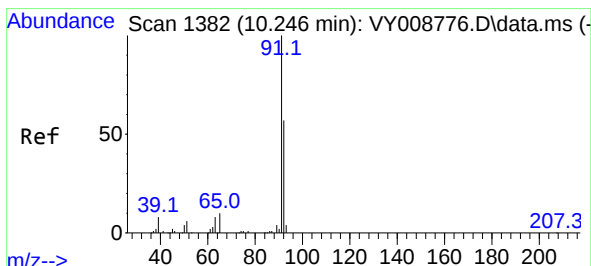
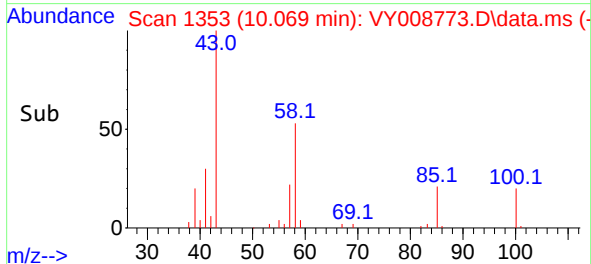
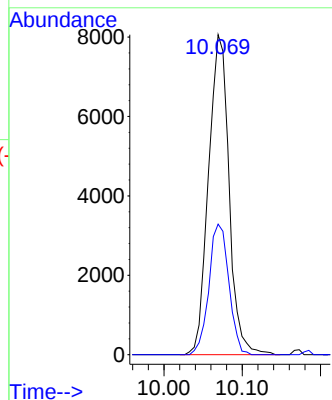
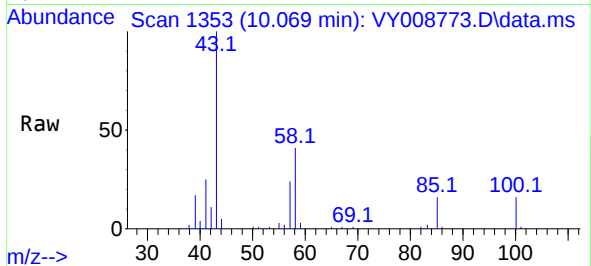
#51
4-Methyl-2-Pentanone
Concen: 24.161 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1

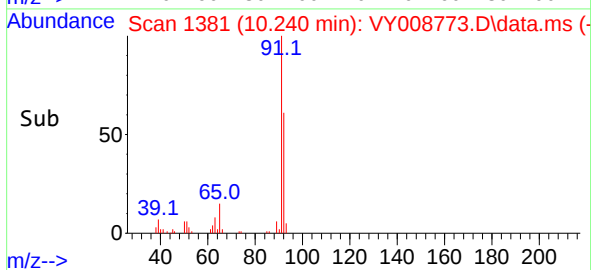
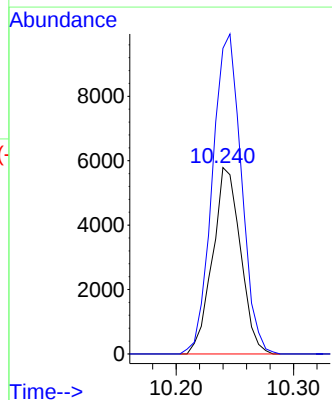
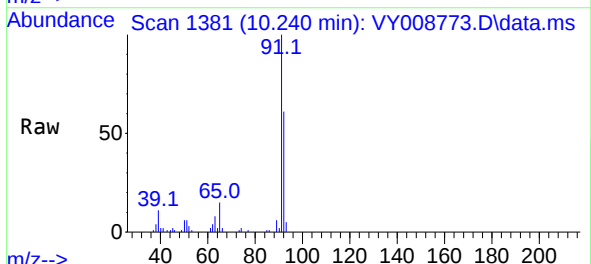
Manual Integrations
APPROVED

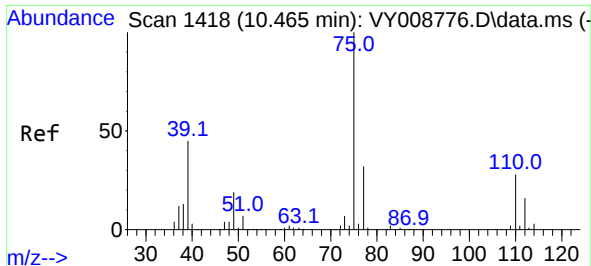
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
Toluene
Concen: 4.714 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

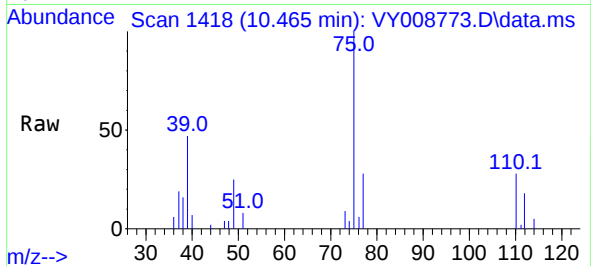
Tgt Ion: 92 Resp: 9543
Ion Ratio Lower Upper
92 100
91 178.7 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 4.398 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50

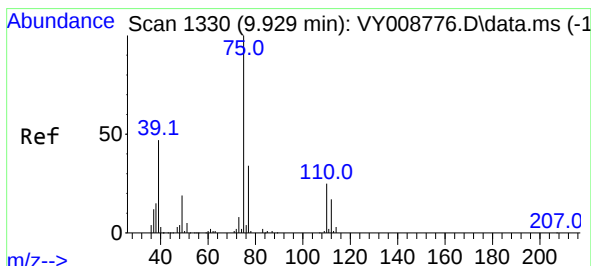
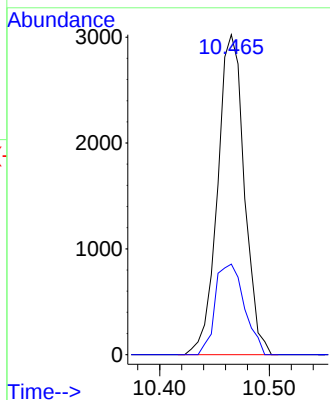
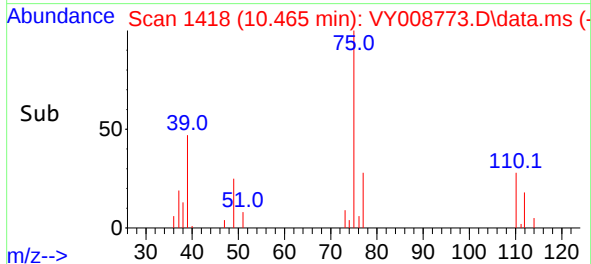
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



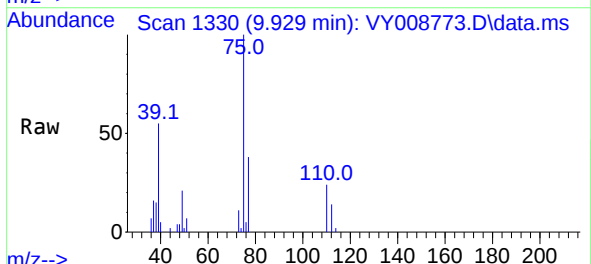
Tgt Ion: 75 Resp: 5120
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.4 38.2

Manual Integrations
 APPROVED

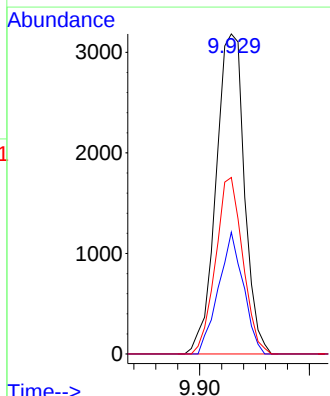
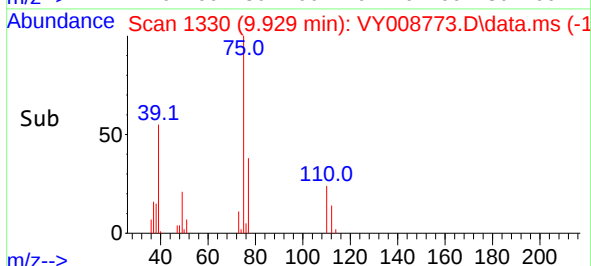
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

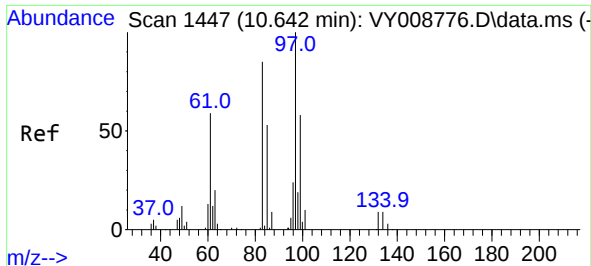


#54
 cis-1,3-Dichloropropene
 Concen: 4.373 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50



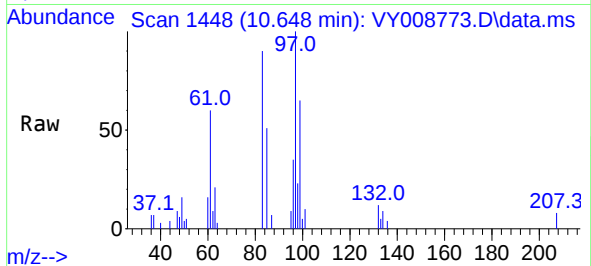
Tgt Ion: 75 Resp: 5723
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.6 38.4
 39 55.2 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 4.599 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

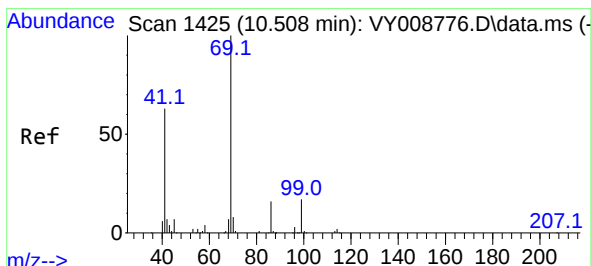
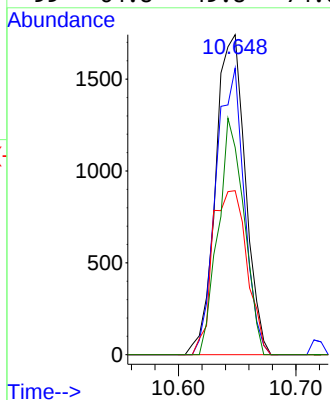
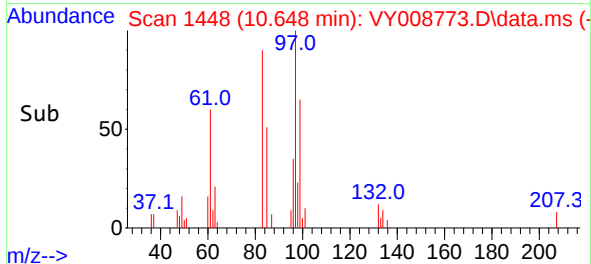
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



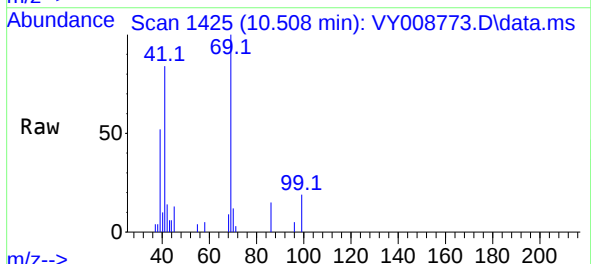
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.8	104.8
85	51.3	44.3	66.5
99	64.8	49.8	74.6

Manual Integrations
APPROVED

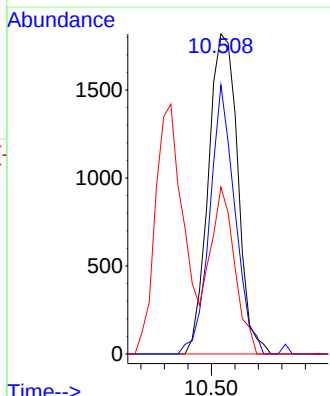
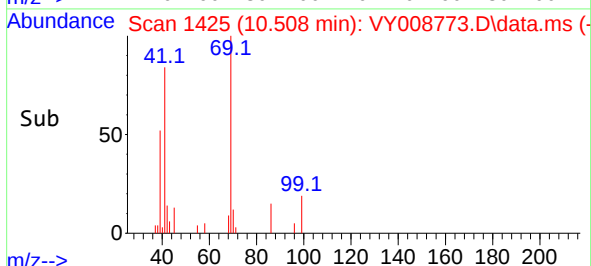
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

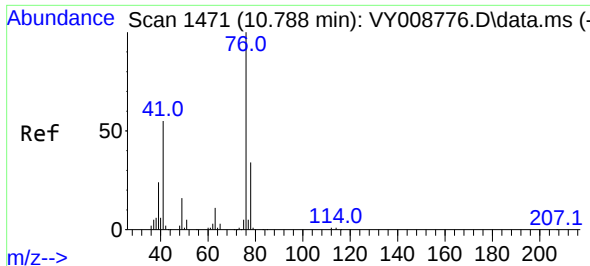


#56
Ethyl methacrylate
Concen: 3.522 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



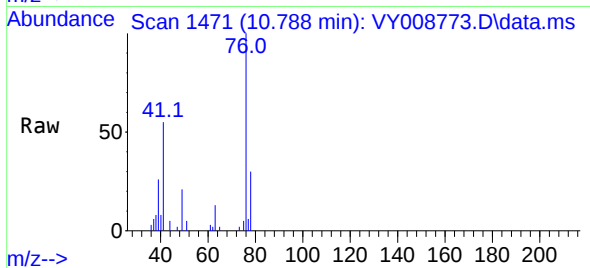
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.3	63.4	95.0
39	43.4	35.8	53.8





#57
1,3-Dichloropropane
Concen: 4.788 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

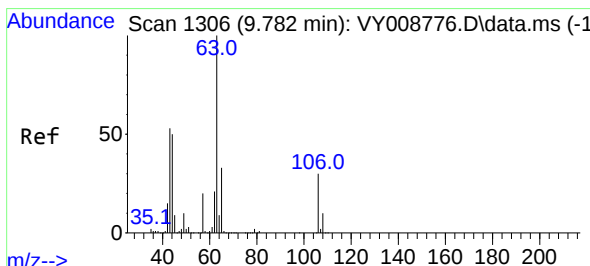
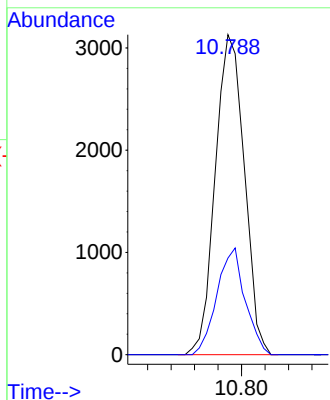
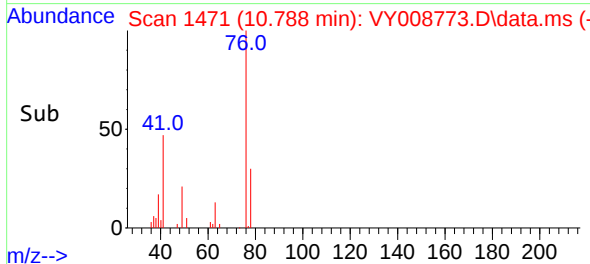
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



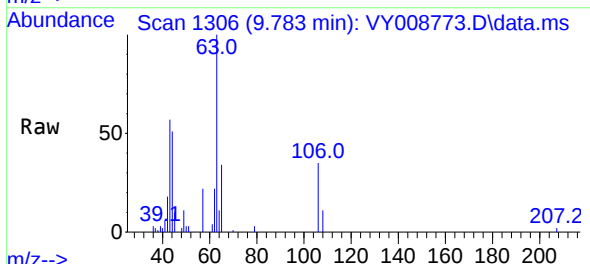
Tgt Ion: 76 Resp: 5379
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

Manual Integrations
APPROVED

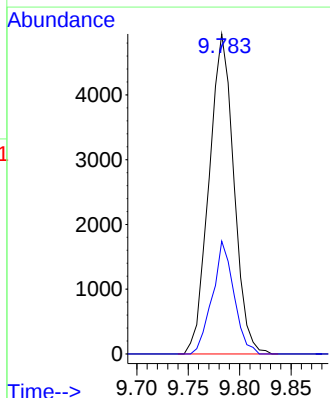
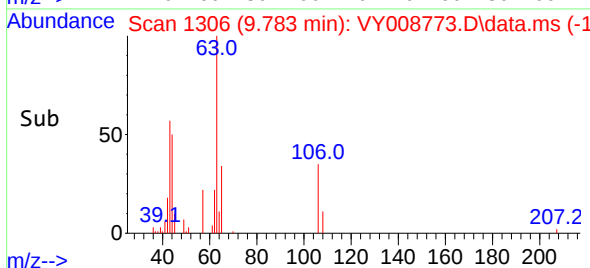
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

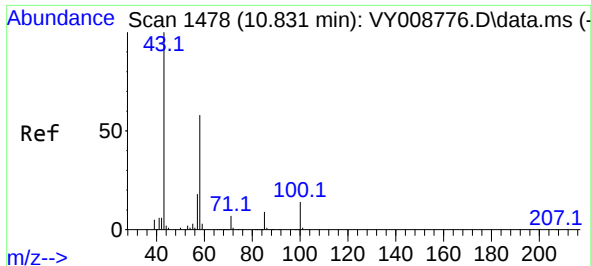


#58
2-Chloroethyl Vinyl ether
Concen: 19.735 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



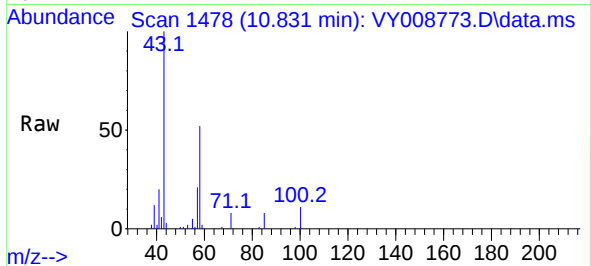
Tgt Ion: 63 Resp: 8286
Ion Ratio Lower Upper
63 100
106 30.5 21.5 32.3





#59
2-Hexanone
Concen: 23.467 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

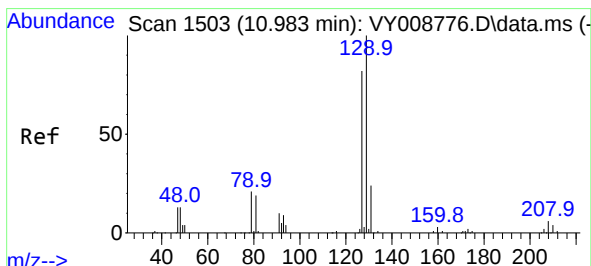
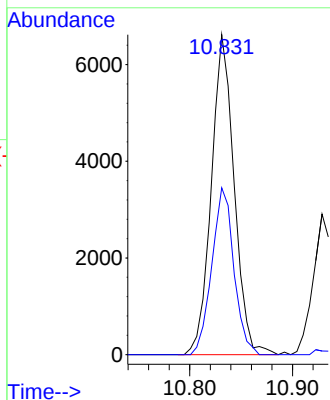
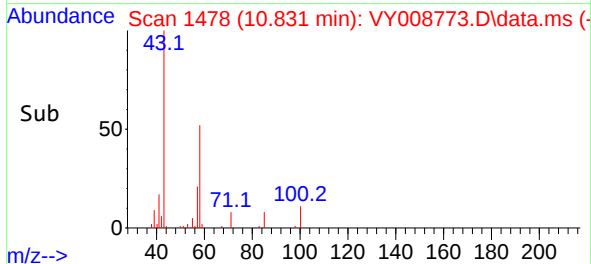
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



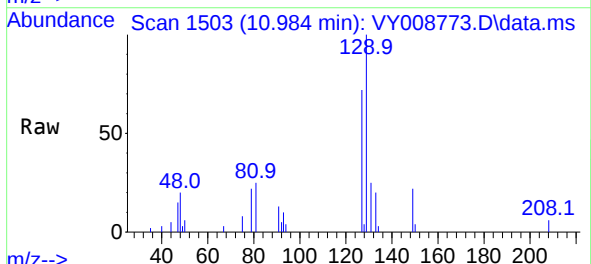
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
58 50.3 24.4 73.4

Manual Integrations
APPROVED

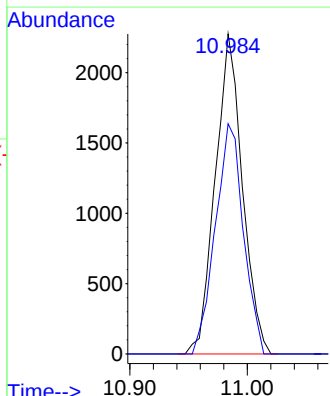
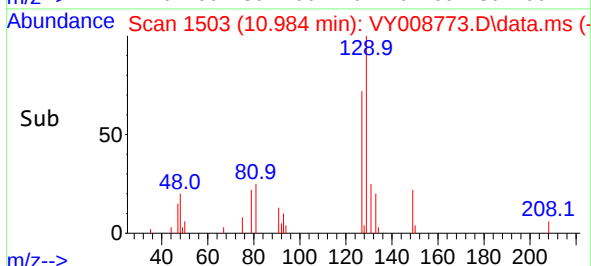
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

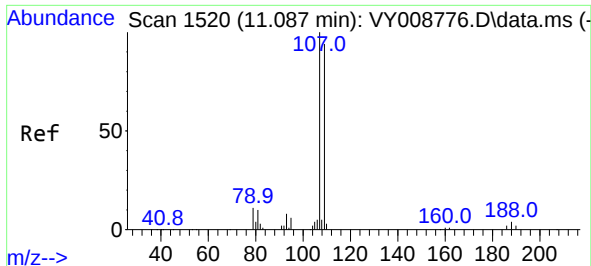


#60
Dibromochloromethane
Concen: 4.720 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:129 Resp: 3651
Ion Ratio Lower Upper
129 100
127 74.3 38.7 116.1





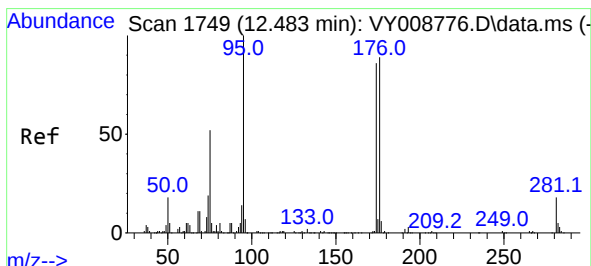
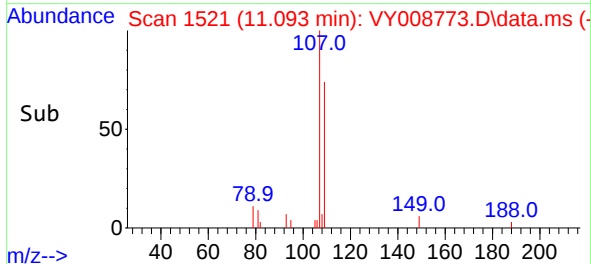
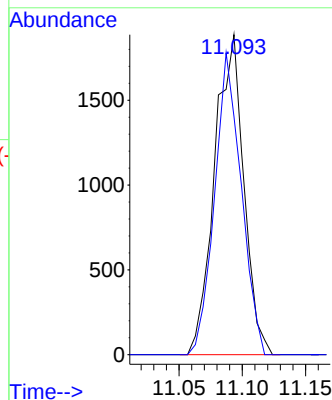
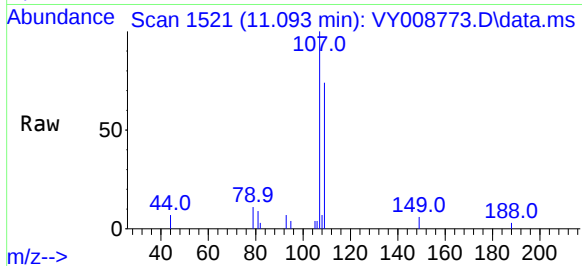
#61
1,2-Dibromoethane
Concen: 4.681 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 302
Ion Ratio Lower Upper
107 100
109 85.9 75.4 113.2

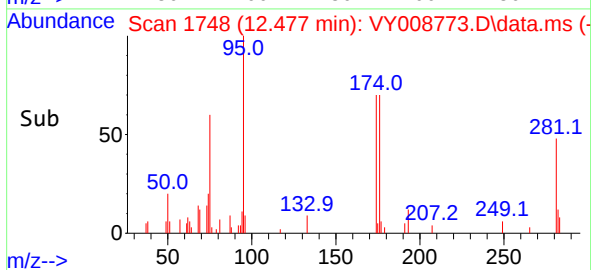
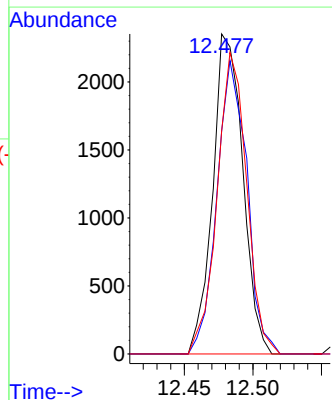
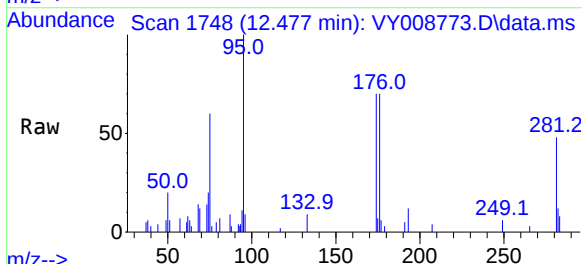
Manual Integrations
APPROVED

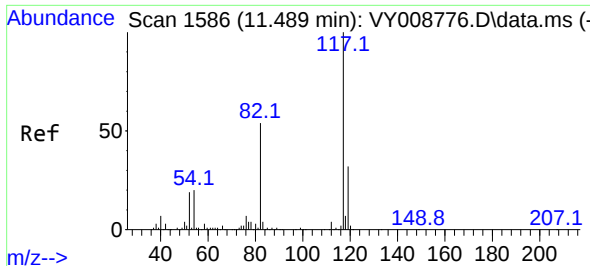
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 3.686 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

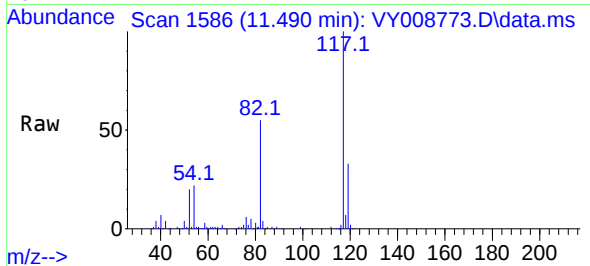
Tgt Ion: 95 Resp: 3587
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 92.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

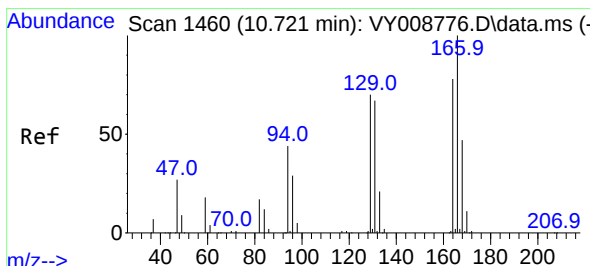
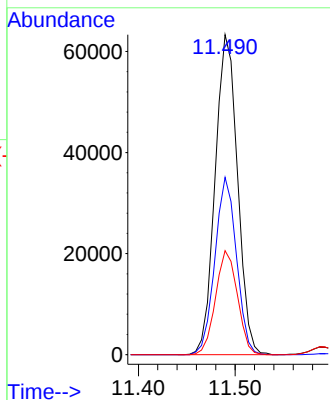
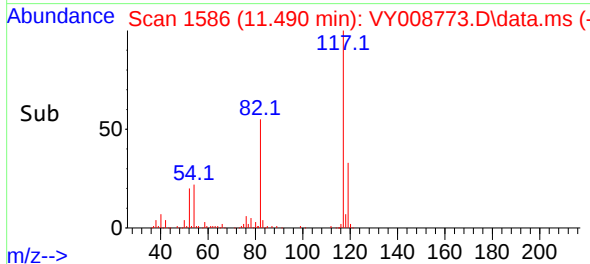


Tgt Ion:117 Resp: 101650

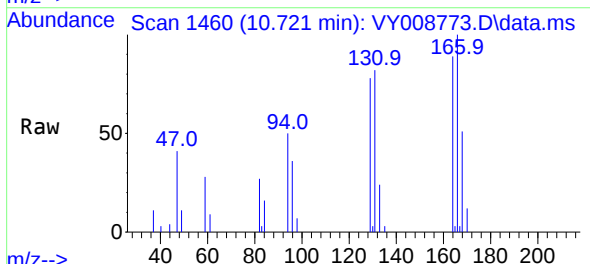
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.0	64.4
119	32.5	25.4	38.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

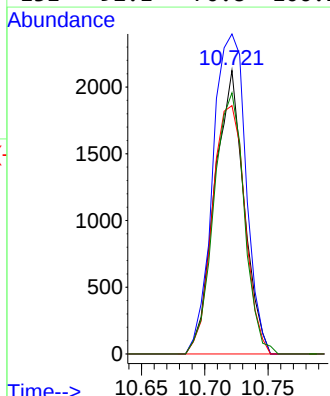
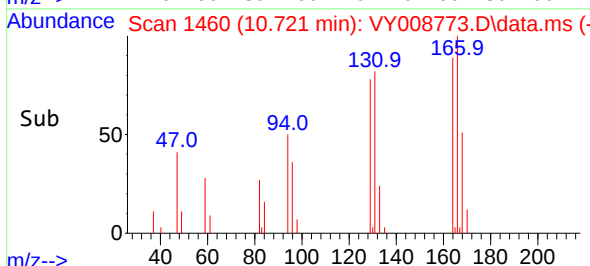


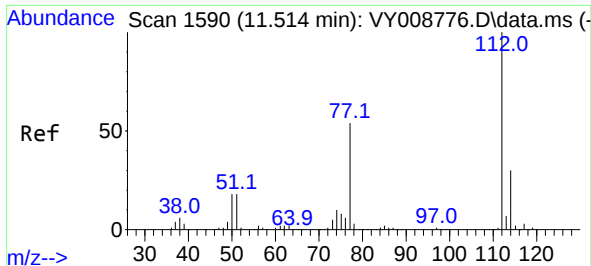
#64
Tetrachloroethene
Concen: 5.078 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:164 Resp: 3443

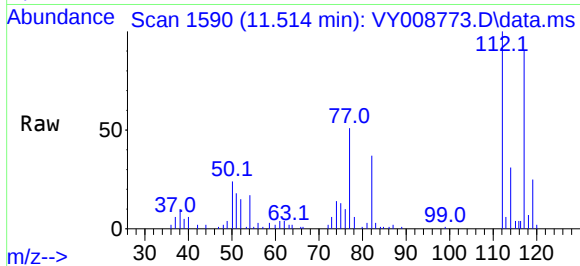
Ion	Ratio	Lower	Upper
164	100		
166	112.8	100.4	150.6
129	87.6	71.4	107.0
131	92.1	70.8	106.2





#65
Chlorobenzene
Concen: 5.013 ug/l
RT: 11.514 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

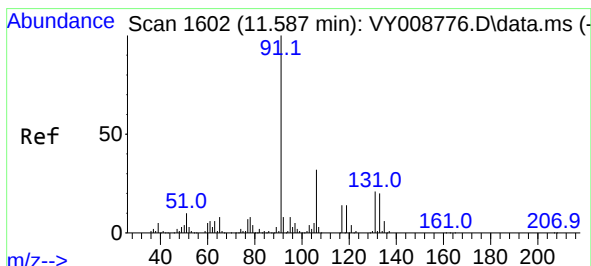
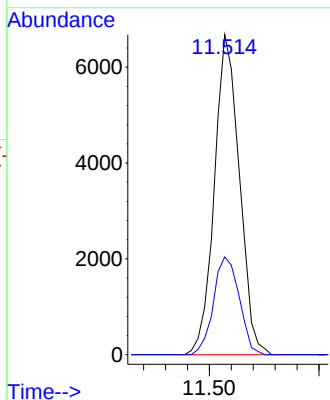
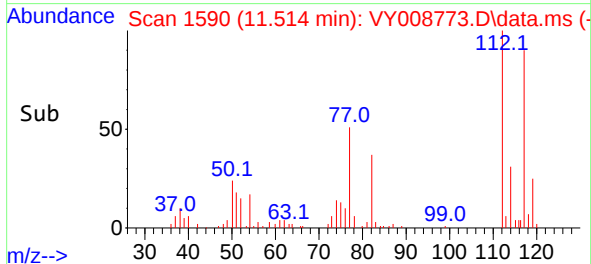
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



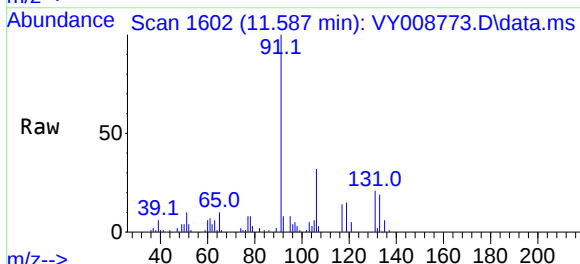
Tgt Ion:112 Resp: 1057
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

Manual Integrations
APPROVED

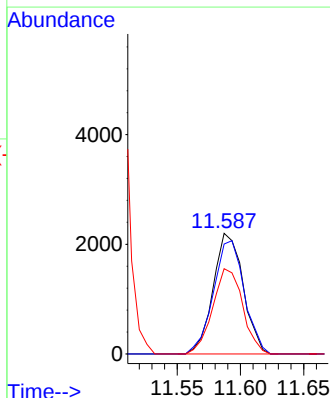
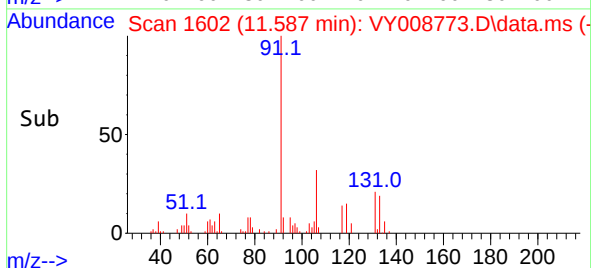
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

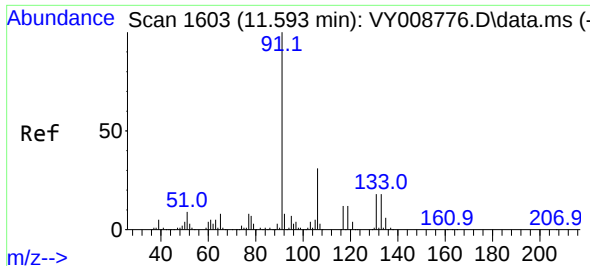


#66
1,1,1,2-Tetrachloroethane
Concen: 4.745 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



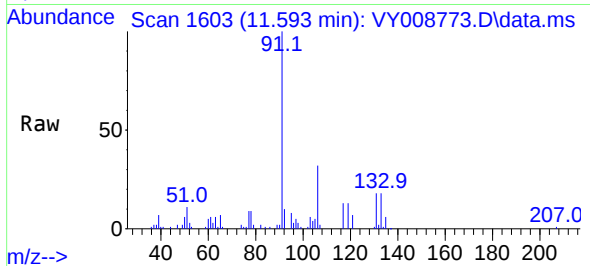
Tgt Ion:131 Resp: 3628
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.6
119 70.7 30.8 92.3





#67
Ethyl Benzene
Concen: 4.714 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

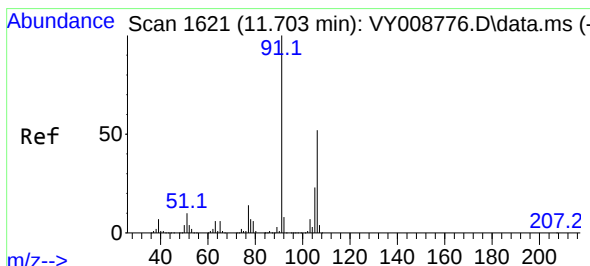
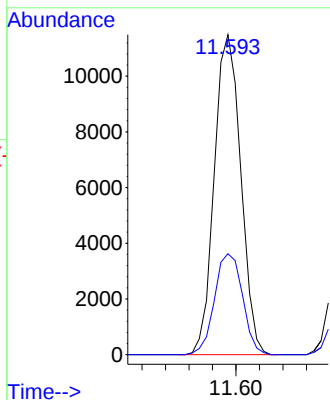
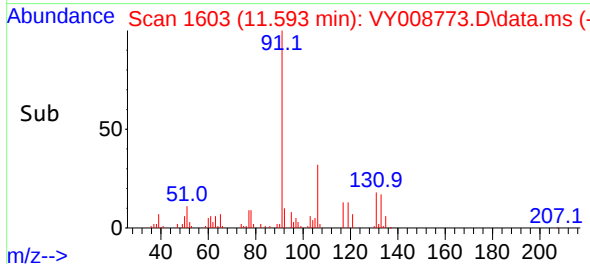
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



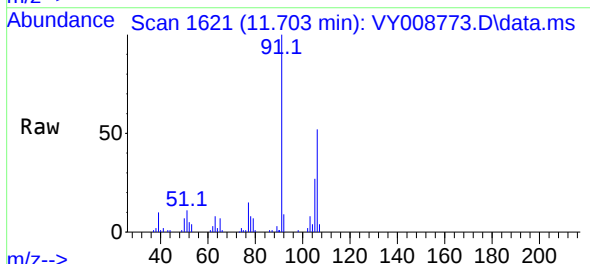
Tgt Ion: 91 Resp: 17978
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

Manual Integrations
APPROVED

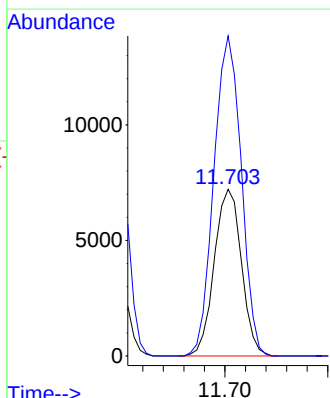
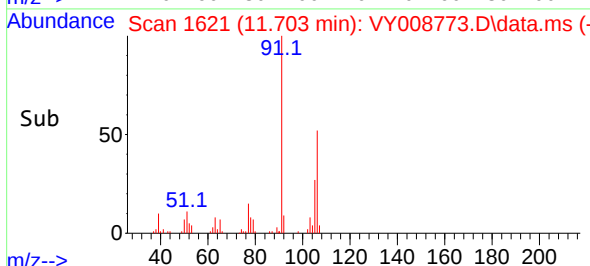
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

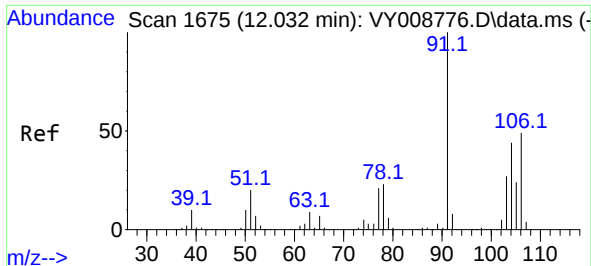


#68
m/p-Xylenes
Concen: 8.966 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:106 Resp: 13226
Ion Ratio Lower Upper
106 100
91 193.7 166.6 249.8





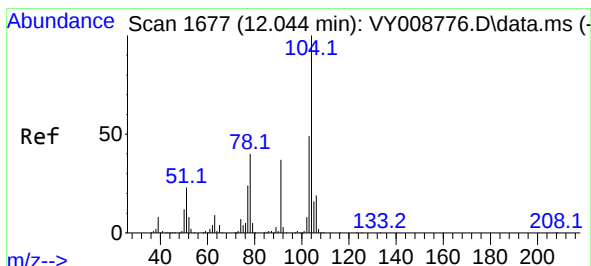
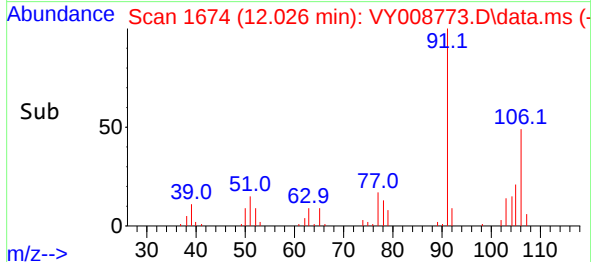
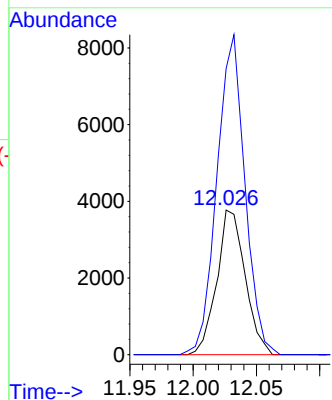
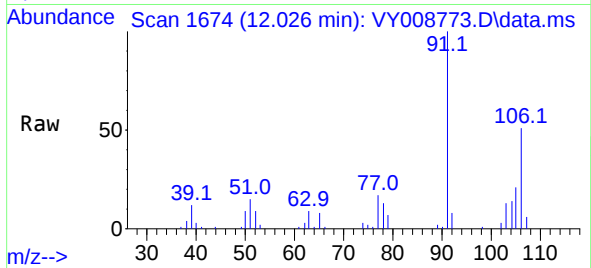
#69
o-Xylene
Concen: 4.172 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 5879
Ion Ratio Lower Upper
106 100
91 218.4 110.3 331.0

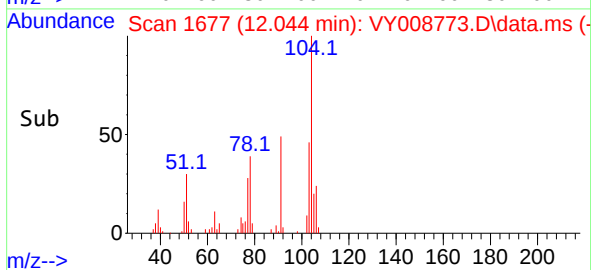
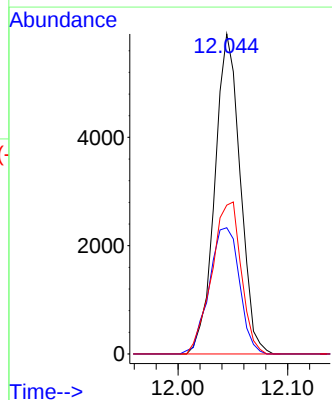
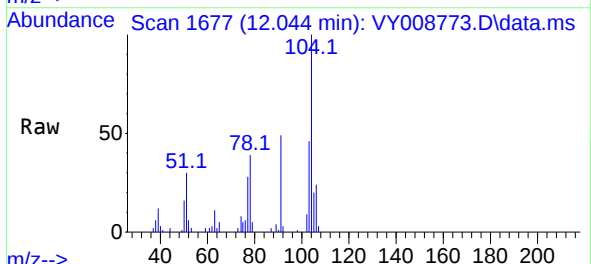
Manual Integrations
APPROVED

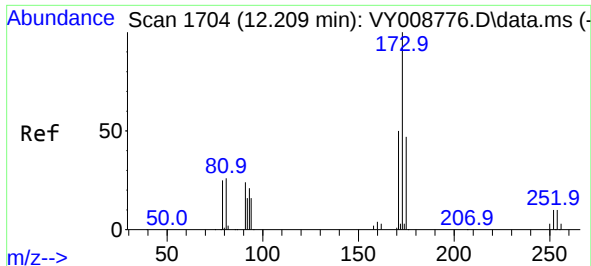
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 4.068 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

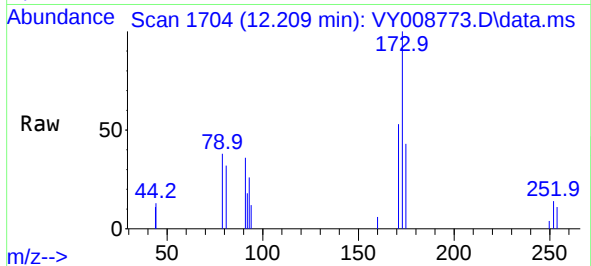
Tgt Ion:104 Resp: 9526
Ion Ratio Lower Upper
104 100
78 46.9 42.4 63.6
103 54.7 44.4 66.6





#71
Bromoform
Concen: 4.859 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

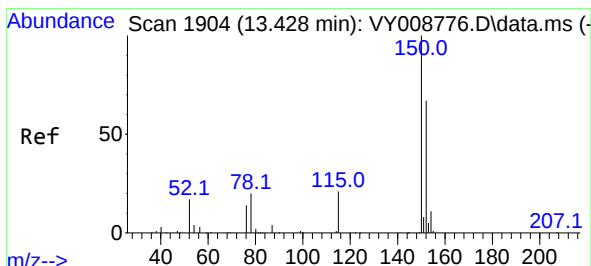
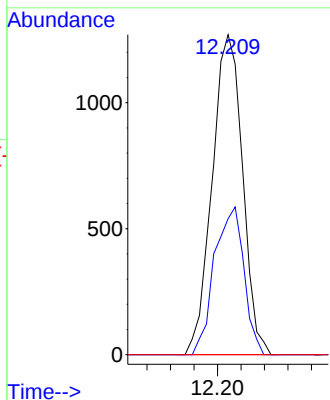
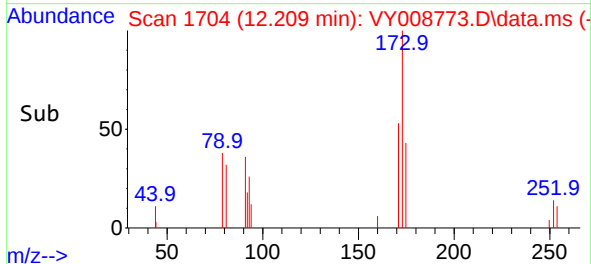
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



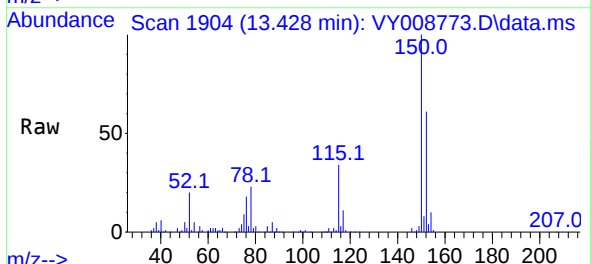
Tgt Ion:173 Resp: 228
Ion Ratio Lower Upper
173 100
175 44.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

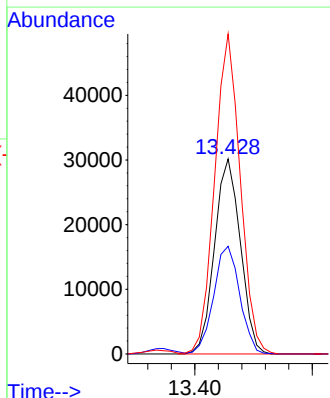
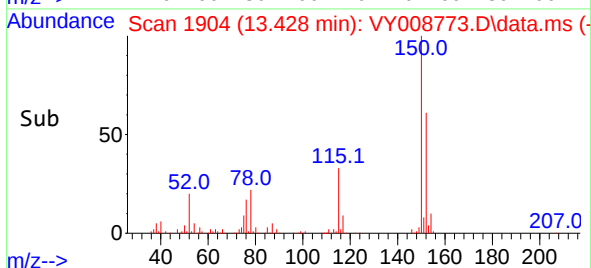
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

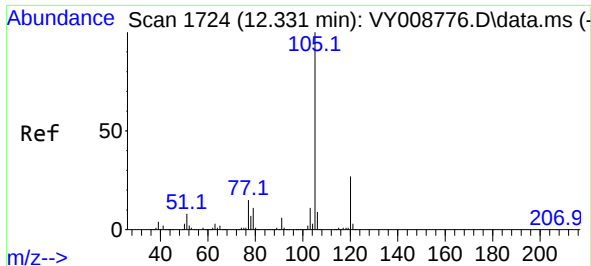


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



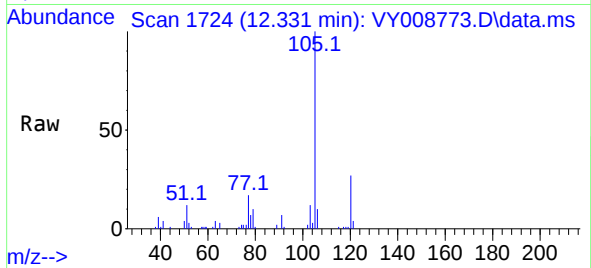
Tgt Ion:152 Resp: 46043
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 162.3 0.0 347.6





#73
Isopropylbenzene
Concen: 4.599 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

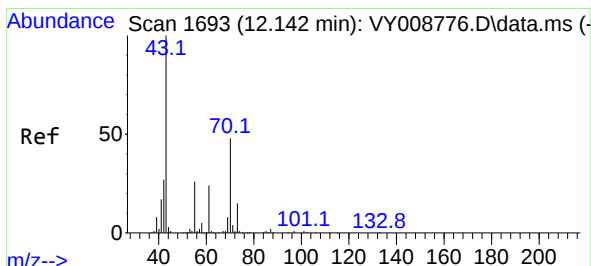
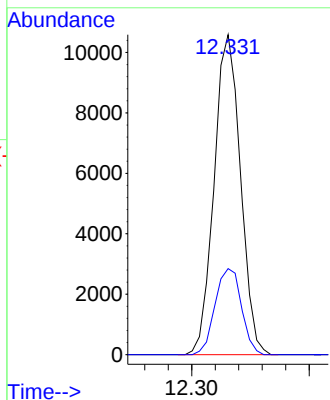
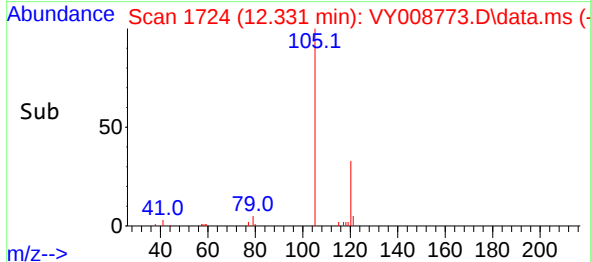
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 105 Resp: 1651
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

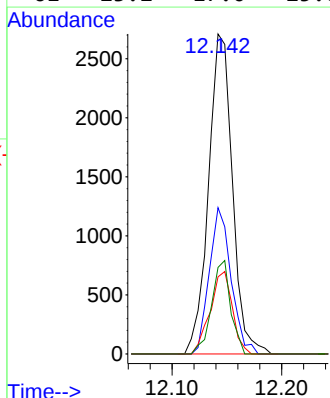
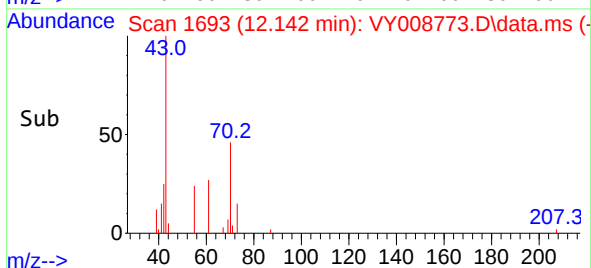
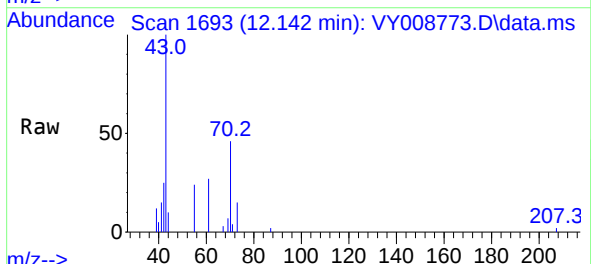
Manual Integrations
APPROVED

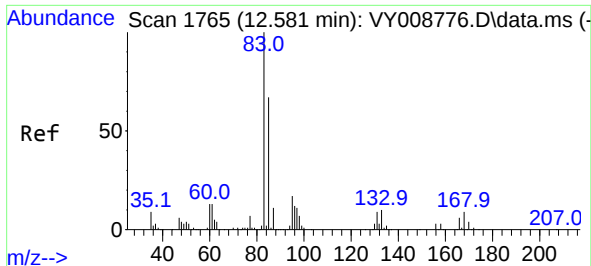
Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 4.243 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

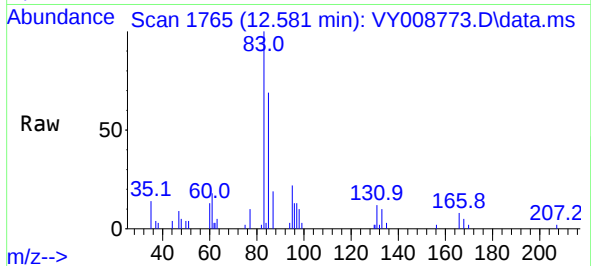
Tgt Ion: 43 Resp: 4114
Ion Ratio Lower Upper
43 100
70 41.6 28.7 43.1
55 23.9 17.3 25.9
61 23.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.358 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

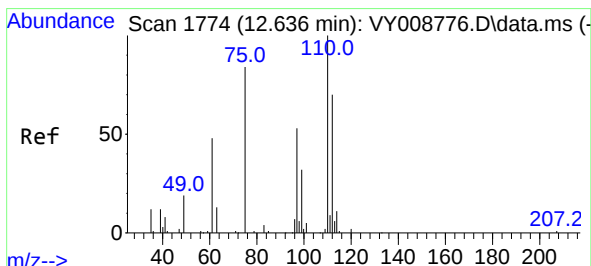
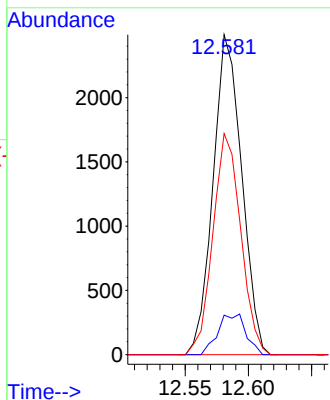
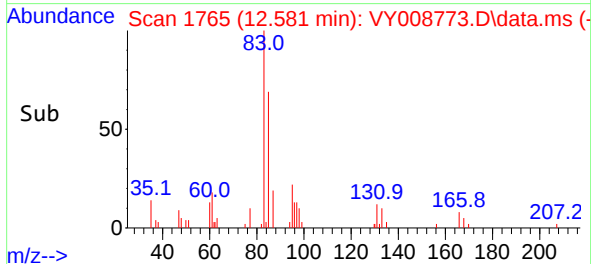
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



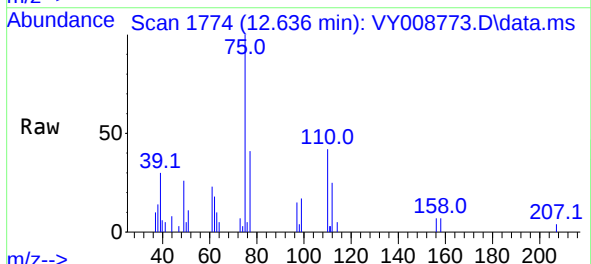
Tgt Ion: 83 Resp: 3920
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 67.2 32.3 96.8

Manual Integrations
APPROVED

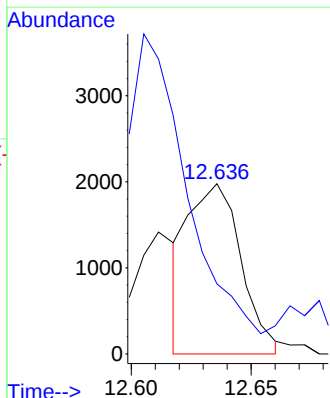
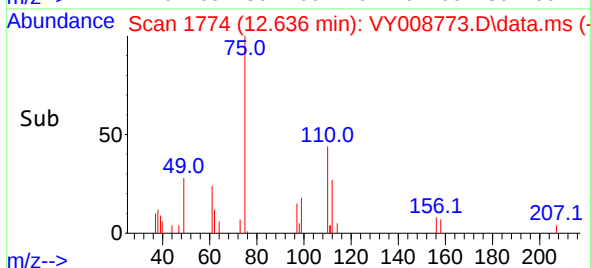
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

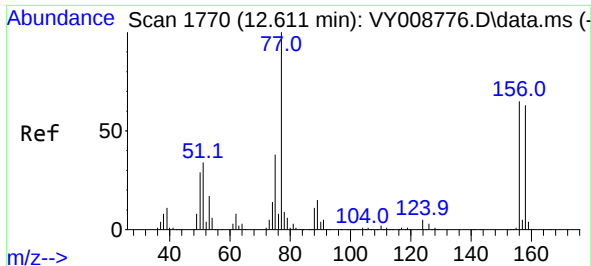


#76
1,2,3-Trichloropropane
Concen: 5.643 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



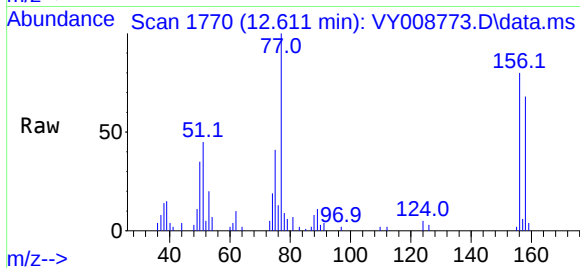
Tgt Ion: 75 Resp: 3044
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.256 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

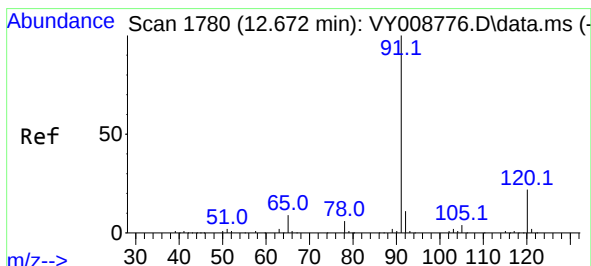
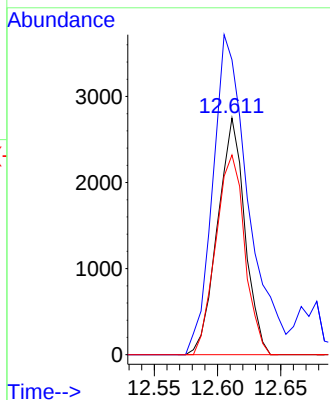
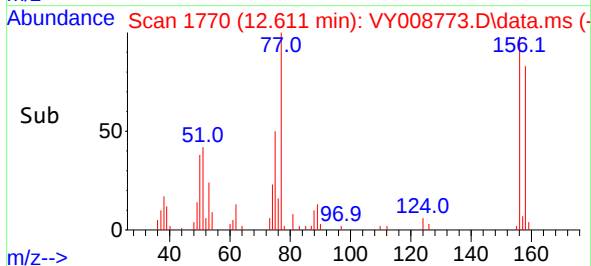
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



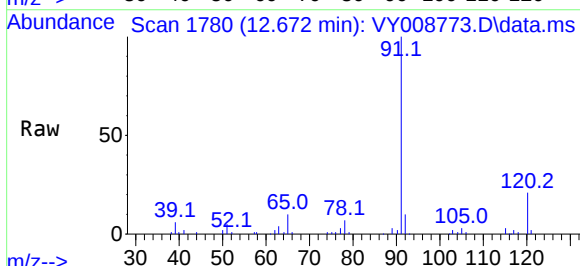
Tgt Ion: 156 Resp: 4130
Ion Ratio Lower Upper
156 100
77 175.2 95.5 286.4
158 89.5 48.0 144.0

Manual Integrations
APPROVED

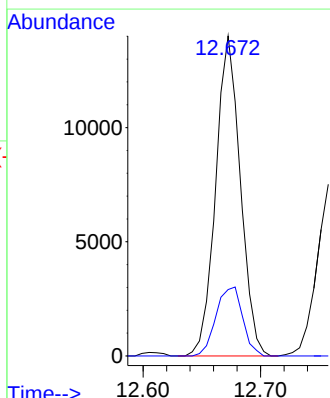
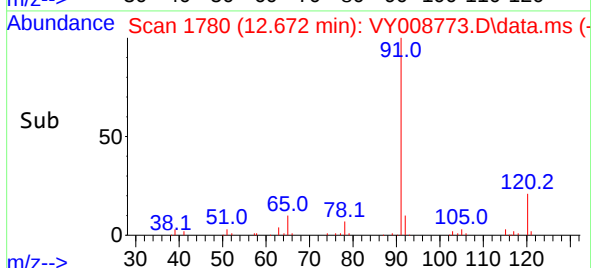
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

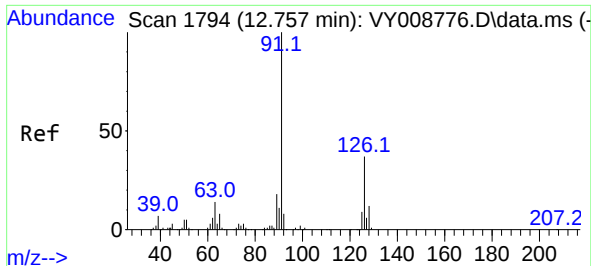


#78
n-propylbenzene
Concen: 4.718 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion: 91 Resp: 20442
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.561 ug/l

RT: 12.758 min Scan# 11020

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 11020

Ion Ratio Lower Upper

91 100

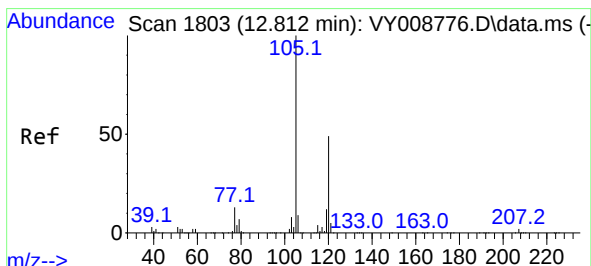
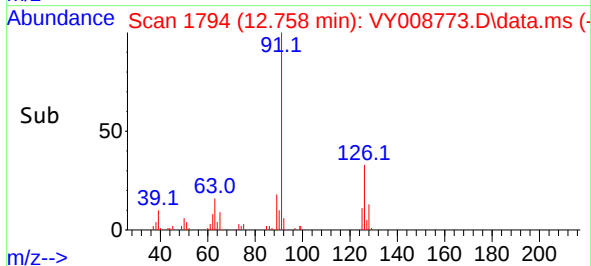
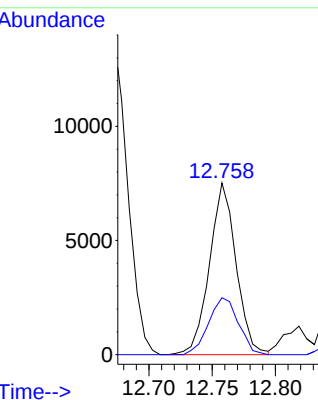
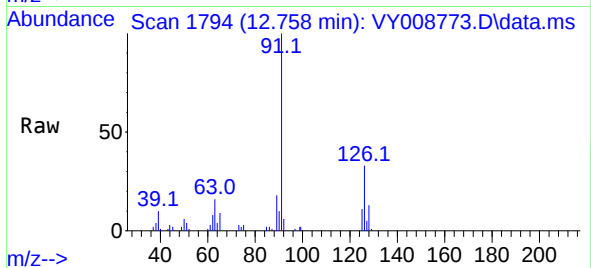
126 37.1 16.9 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.218 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008773.D

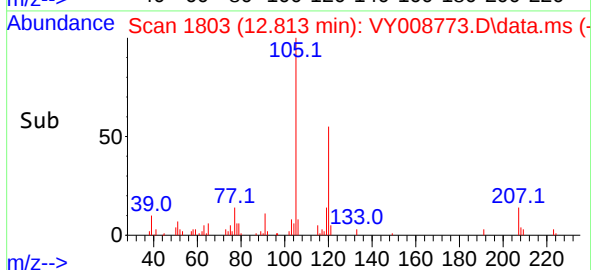
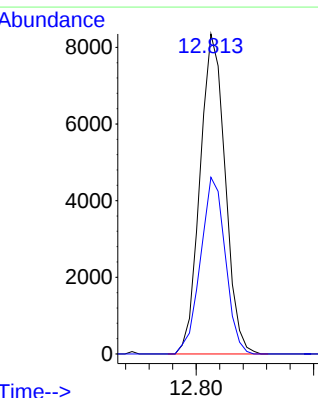
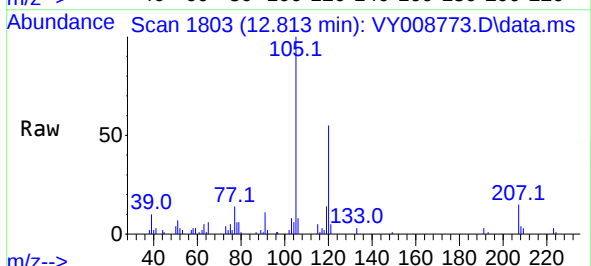
Acq: 17 May 2022 14:50

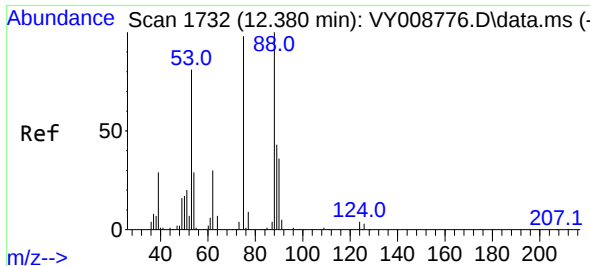
Tgt Ion:105 Resp: 12408

Ion Ratio Lower Upper

105 100

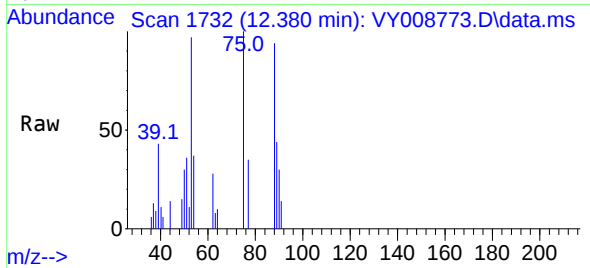
120 54.4 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 5.164 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

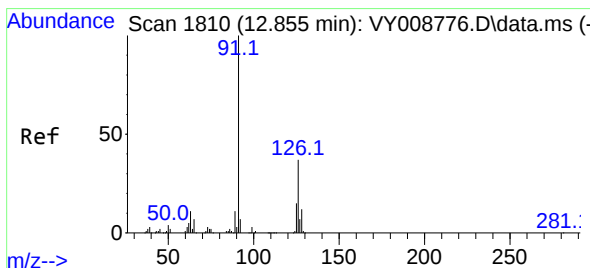
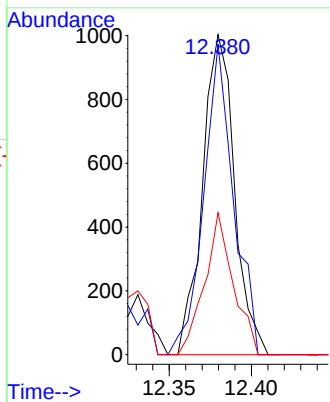
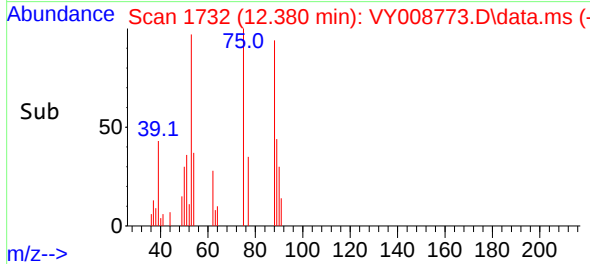
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
53 90.4 85.3 127.9
89 39.9 37.0 55.4

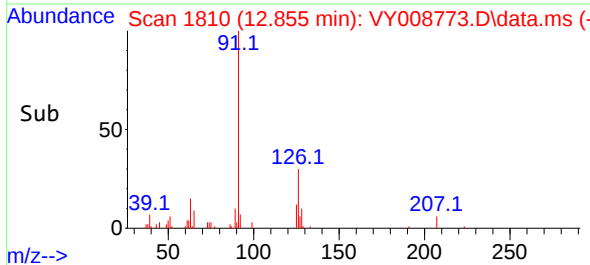
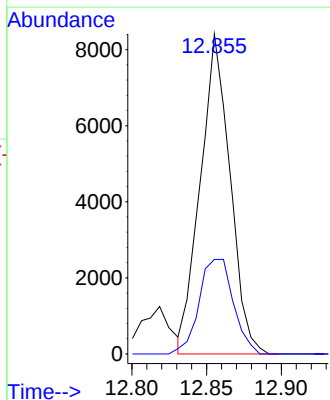
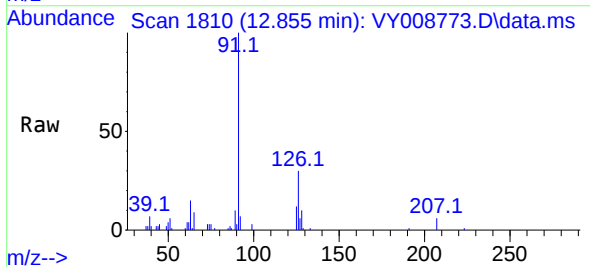
Manual Integrations
APPROVED

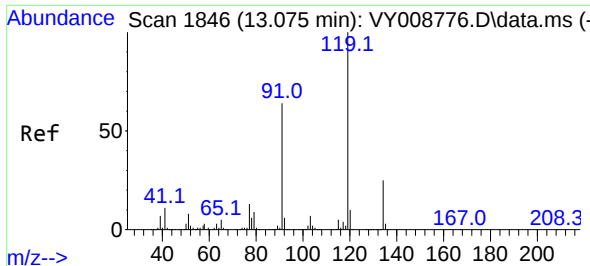
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 4.659 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion: 91 Resp: 11606
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0





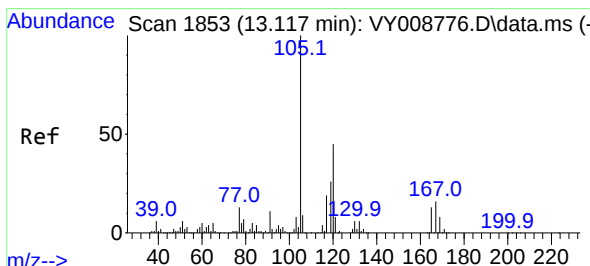
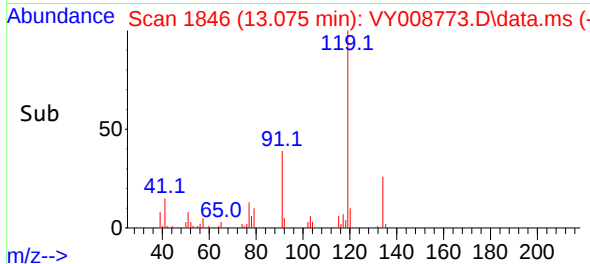
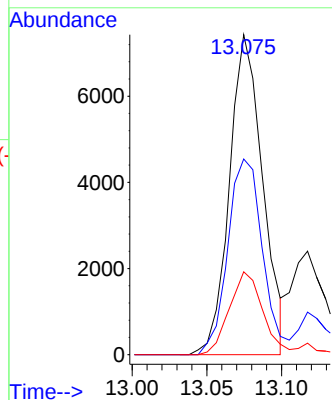
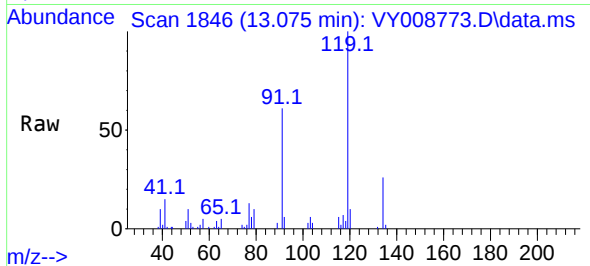
#83
tert-Butylbenzene
Concen: 4.382 ug/l
RT: 13.075 min Scan# 11508
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 11508
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.4
134 25.9 13.3 39.9

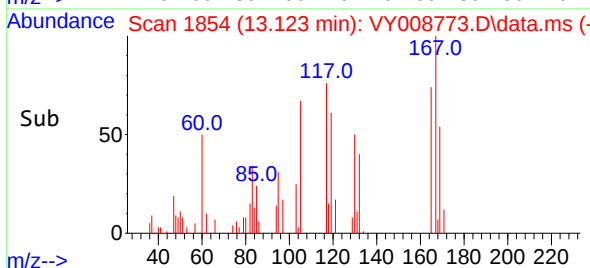
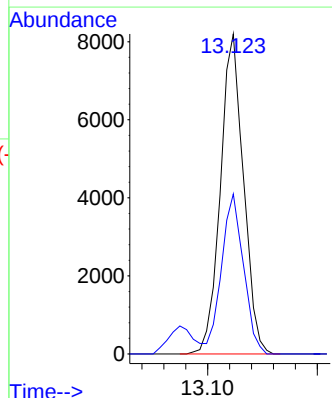
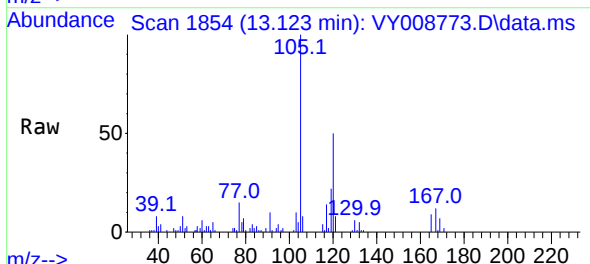
Manual Integrations
APPROVED

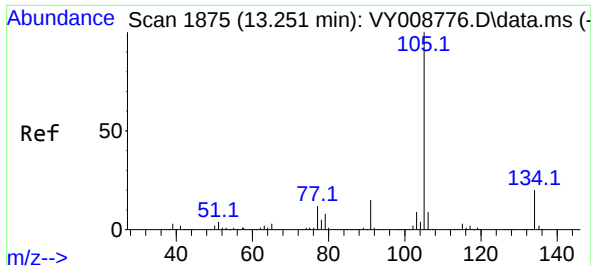
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.089 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Tgt Ion:105 Resp: 11975
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.9





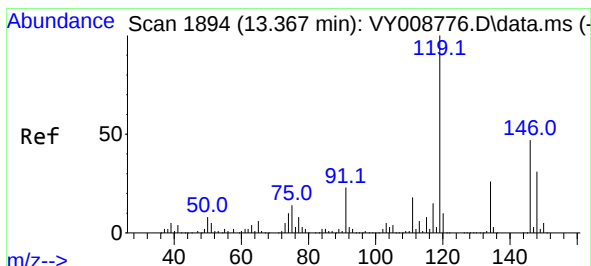
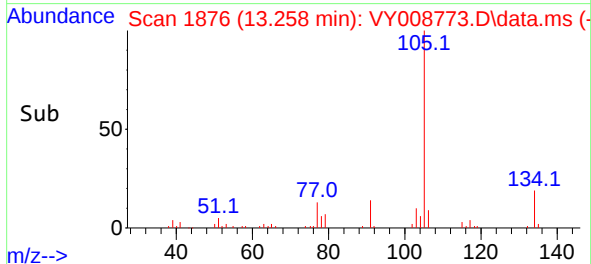
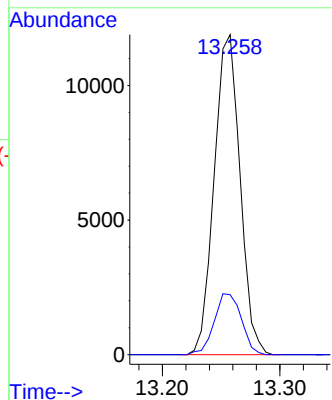
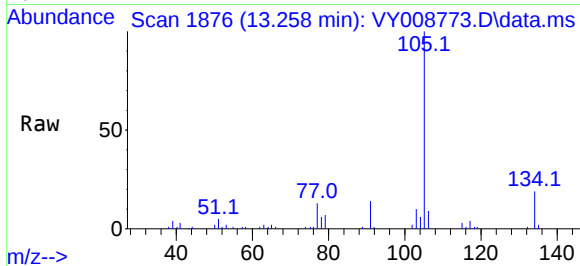
#85
 sec-Butylbenzene
 Concen: 4.627 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 1816
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

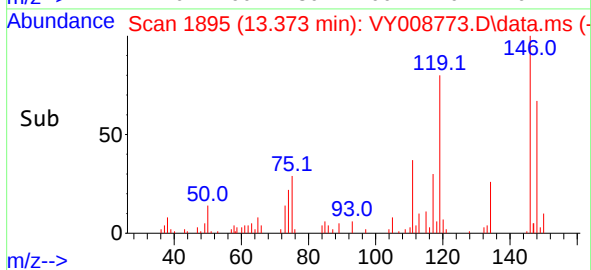
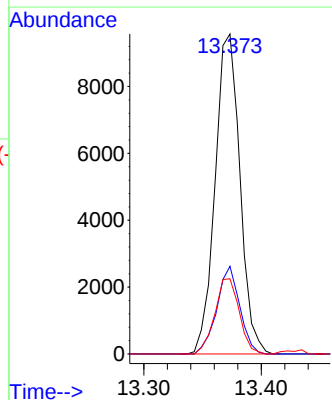
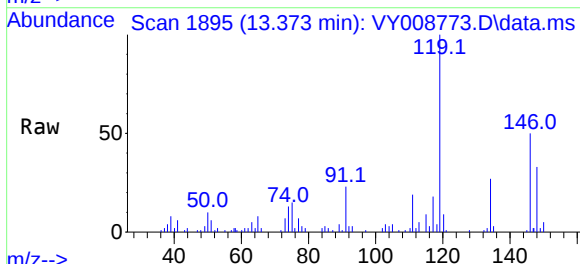
Manual Integrations
 APPROVED

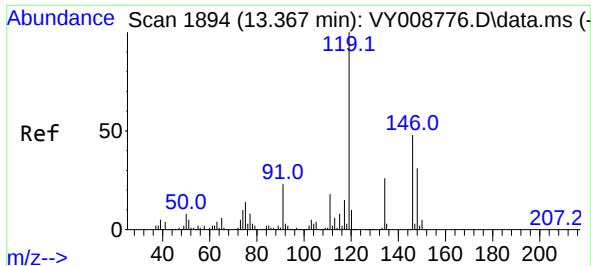
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#86
 p-Isopropyltoluene
 Concen: 4.399 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008773.D
 Acq: 17 May 2022 14:50

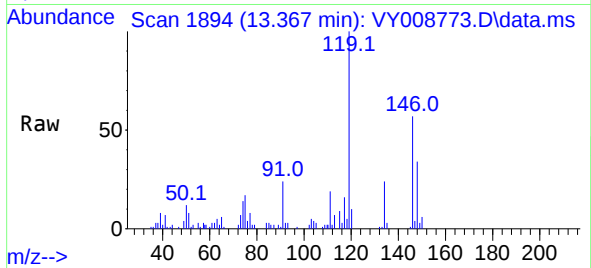
Tgt Ion:119 Resp: 14052
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 23.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 5.176 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

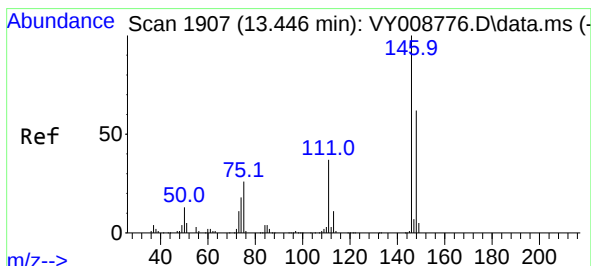
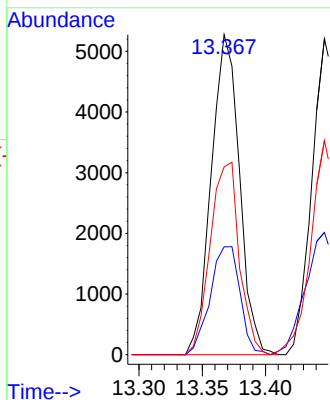
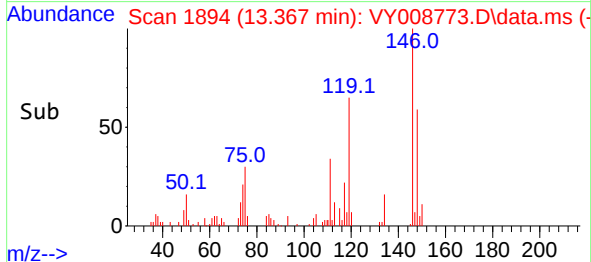
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



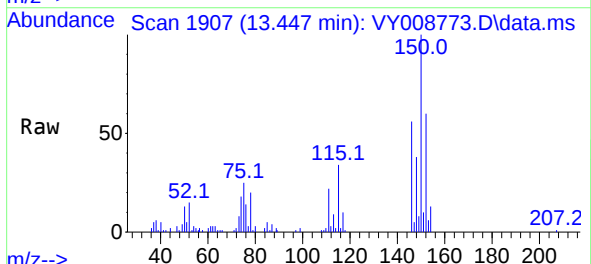
Tgt Ion:146 Resp: 8170
Ion Ratio Lower Upper
146 100
111 35.8 19.5 58.5
148 62.1 31.6 95.0

Manual Integrations
APPROVED

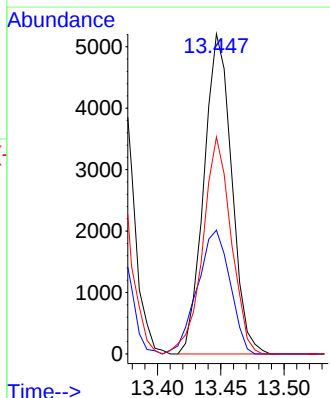
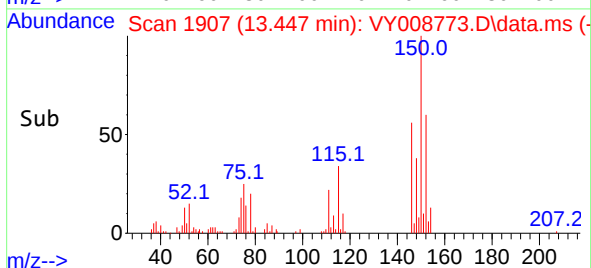
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

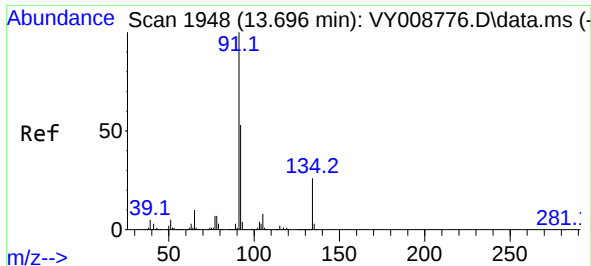


#88
1,4-Dichlorobenzene
Concen: 5.020 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:146 Resp: 7946
Ion Ratio Lower Upper
146 100
111 45.4 19.3 57.8
148 69.0 32.6 97.8





#89

n-Butylbenzene

Concen: 4.705 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

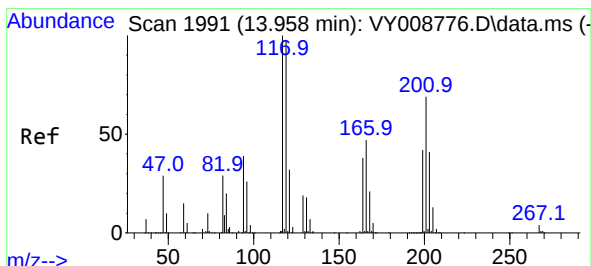
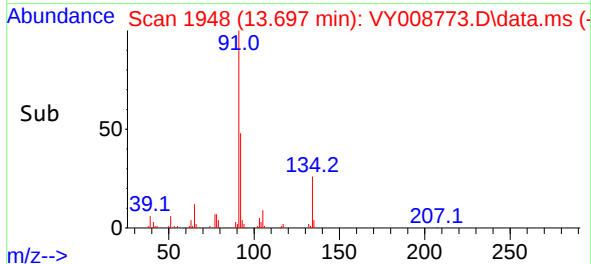
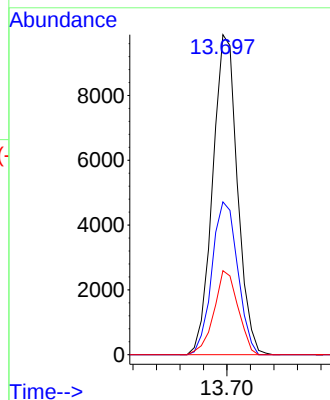
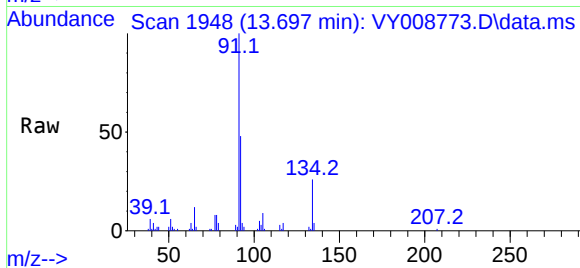
Tgt Ion: 91	Resp: 14439
Ion Ratio	Lower Upper
91 100	
92 49.7	26.3 78.9
134 25.6	13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#90

Hexachloroethane

Concen: 4.509 ug/l

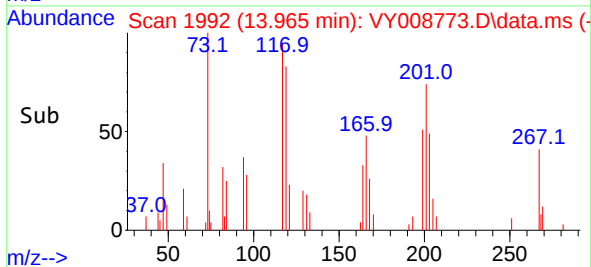
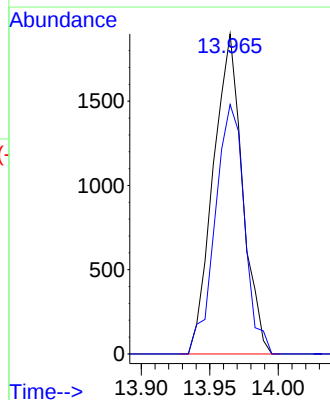
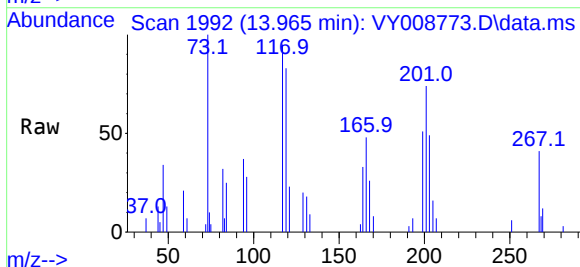
RT: 13.965 min Scan# 1992

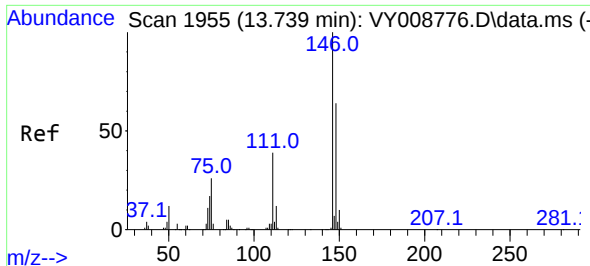
Delta R.T. 0.006 min

Lab File: VY008773.D

Acq: 17 May 2022 14:50

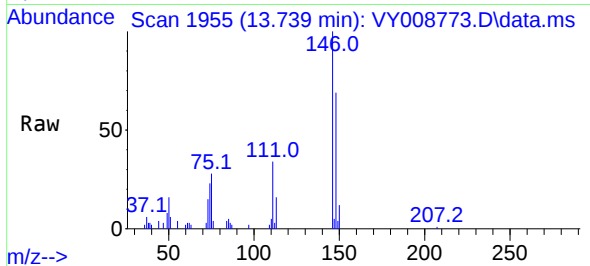
Tgt Ion:117	Resp: 2825
Ion Ratio	Lower Upper
117 100	
201 78.0	43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 4.839 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

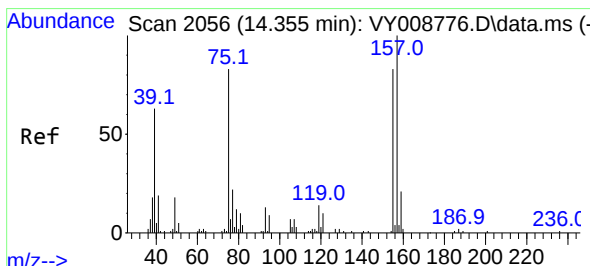
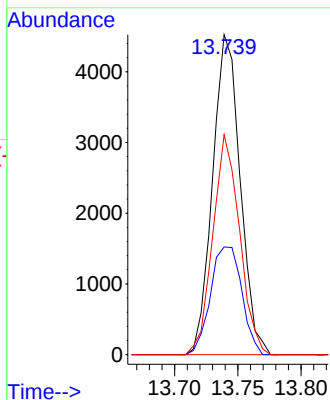
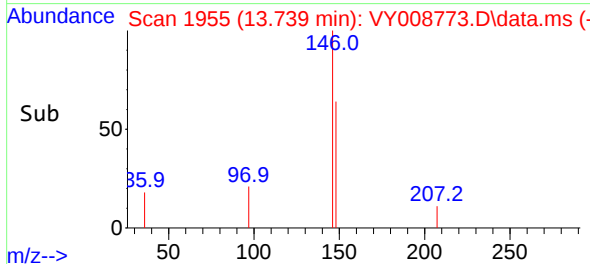
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



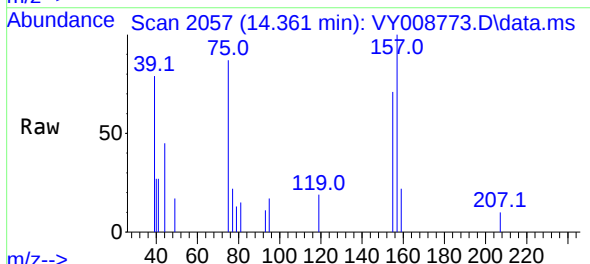
Tgt Ion:146 Resp: 6844
Ion Ratio Lower Upper
146 100
111 38.3 20.3 60.9
148 66.7 32.3 96.9

Manual Integrations
APPROVED

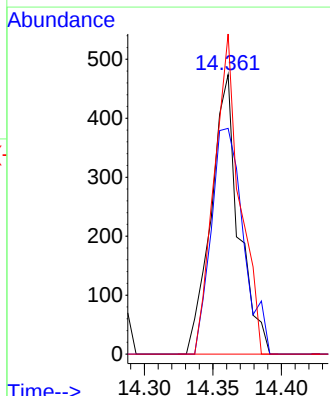
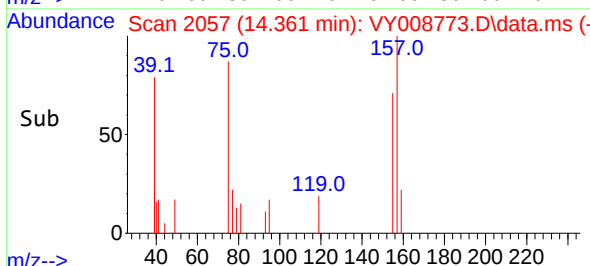
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

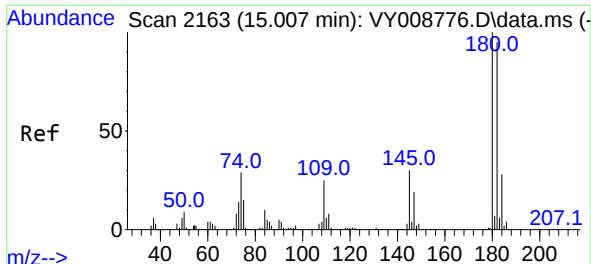


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.584 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion: 75 Resp: 666
Ion Ratio Lower Upper
75 100
155 94.1 38.0 113.9
157 106.3 47.8 143.3





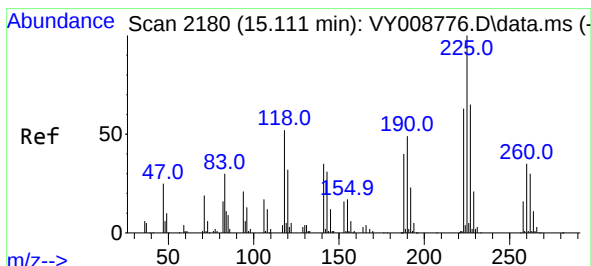
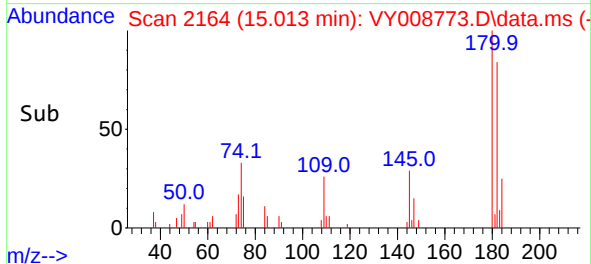
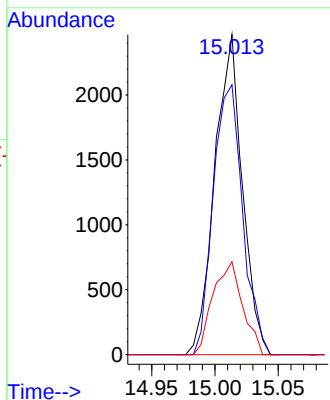
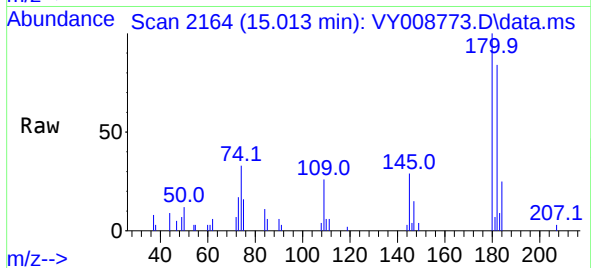
#93
1,2,4-Trichlorobenzene
Concen: 4.551 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 374
Ion Ratio Lower Upper
180 100
182 89.8 47.3 141.9
145 31.2 14.6 43.8

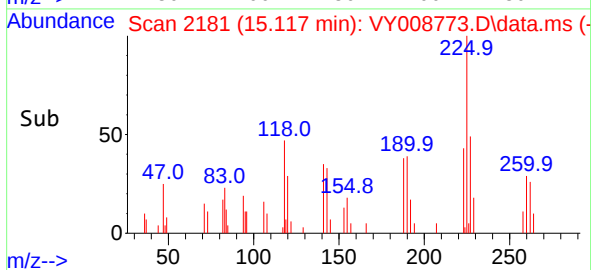
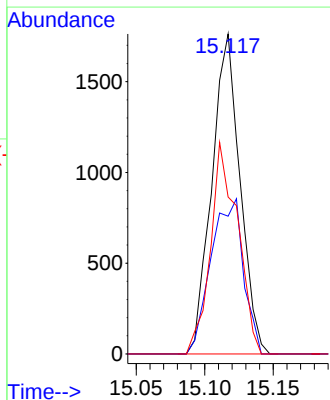
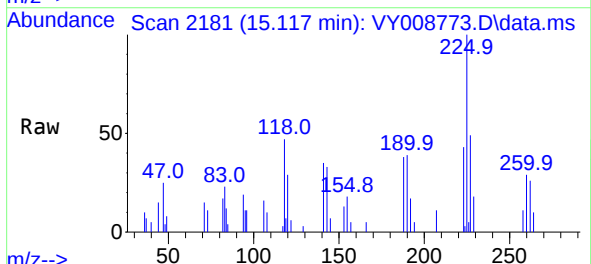
Manual Integrations
APPROVED

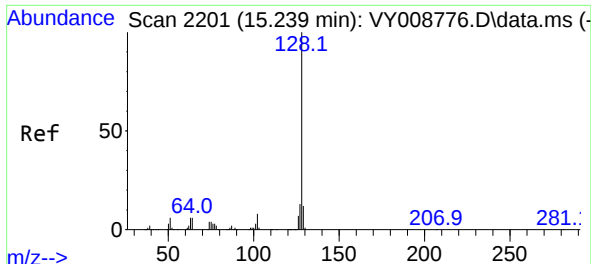
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#94
Hexachlorobutadiene
Concen: 5.881 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

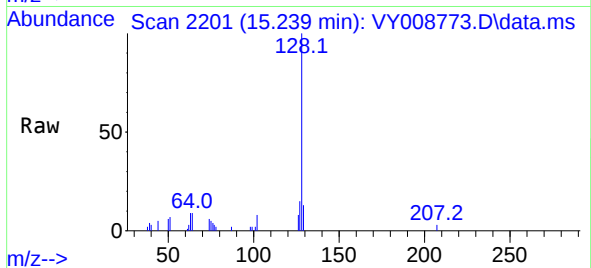
Tgt Ion:225 Resp: 2522
Ion Ratio Lower Upper
225 100
223 55.9 30.8 92.3
227 63.6 31.6 94.7





#95
Naphthalene
Concen: 3.535 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50

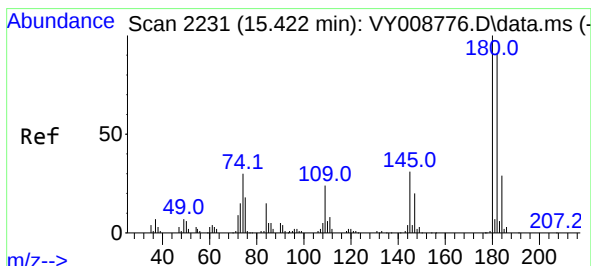
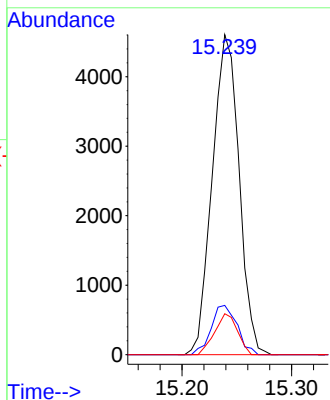
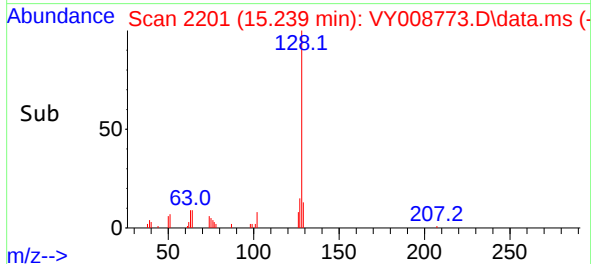
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



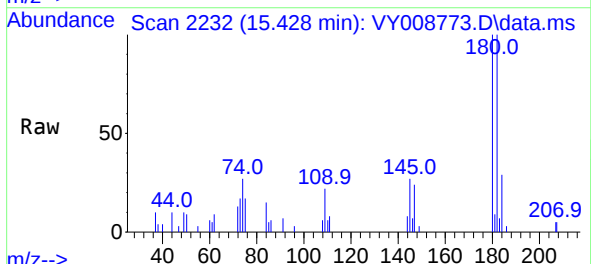
Tgt Ion:128 Resp: 7811
Ion Ratio Lower Upper
128 100
127 15.0 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.593 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008773.D
Acq: 17 May 2022 14:50



Tgt Ion:180 Resp: 3311
Ion Ratio Lower Upper
180 100
182 100.7 47.3 141.9
145 30.8 15.3 45.9

